

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037311.D
 Acq On : 31 Jul 2021 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 22:32:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 23:19:30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1127741	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3580608	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	4303713	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2540829	8.11	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	1077538	6.639	ppbv 98
3) Chlorodifluoromethane	2.98	51	2155948	9.541	ppbv 100
4) Chloromethane	3.13	50	788236	10.003	ppbv 98
5) Vinyl Chloride	3.25	62	856819	10.063	ppbv 100
6) Bromomethane	3.47	94	496524	10.283	ppbv 96
7) Chloroethane	3.55	64	316250	10.539	ppbv 95
8) Dichlorotetrafluoroethane	3.18	85	1728923	8.959	ppbv 99
9) Propene	3.00	41	721035	9.484	ppbv 99
10) Heptane	8.12	43	1880897	10.394	ppbv 100
11) Trichlorofluoromethane	3.94	101	2128954	10.560	ppbv 96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1571853	10.481	ppbv 100
13) Ethanol	3.60	45	113910	6.818	ppbv 94
14) Bromoethene	3.73	108	641685	10.126	ppbv 94
15) Acetone	3.84	43	1138845	5.606	ppbv 99
16) 1,3-Butadiene	3.32	39	794687	10.430	ppbv 100
17) tert-Butyl alcohol	4.29	59	1223542	9.473	ppbv 99
18) 1,1-Dichloroethene	4.28	96	715912	10.862	ppbv 99
19) Isopropyl Alcohol	3.96	45	756445	9.625	ppbv 100
20) Methylene Chloride	4.34	84	737291	9.380	ppbv 92
21) Allyl Chloride	4.40	41	1016423	11.239	ppbv 97
22) trans-1,2-Dichloroethene	4.88	96	708928	11.269	ppbv 95
23) Vinyl Acetate	5.07	43	1933524	11.281	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1506839	11.323	ppbv 99
25) Ethyl Acetate	5.67	43	3069681	10.416	ppbv 99
26) Hexane	5.68	57	1571281	9.976	ppbv 98
27) Carbon Disulfide	4.55	76	1585260	12.218	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	1702421	11.189	ppbv 98
29) Chloroform	5.75	83	2267032	10.044	ppbv 99
30) Cyclohexane	7.13	84	1279921	10.392	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1408917	10.555	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	2286981	10.190	ppbv 99
34) 2-Butanone	5.24	43	1344574	8.752	ppbv 98
35) Carbon Tetrachloride	7.01	117	2426628	10.694	ppbv 98
36) Benzene	6.89	78	3039635	10.027	ppbv 98
37) 1,2-Dichloroethane	6.30	62	1629233	10.317	ppbv 100
38) Trichloroethene	7.83	130	1317921	9.634	ppbv 98
39) 1,2-Dichloropropane	7.61	63	1142027	10.017	ppbv 97
40) 1,4-Dioxane	7.83	88	325020	9.896	ppbv 90
41) Tetrahydrofuran	6.05	42	690198	11.180	ppbv 98
42) Bromodichloromethane	7.79	83	2371415	10.764	ppbv 97
43) Methyl Methacrylate	8.01	69	1098746	10.904	ppbv 99

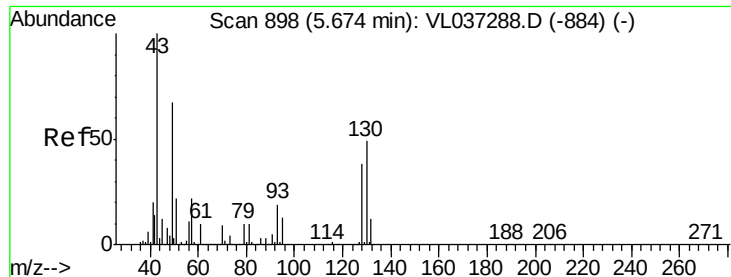
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037311.D
 Acq On : 31 Jul 2021 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 22:32:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 23:19:30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4979979	10.049	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1024203	12.129	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1332558	11.700	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1305812	10.210	ppbv	98
48) Dibromochloromethane	10.30	129	2233479	11.407	ppbv	99
49) Bromoform	13.04	173	1860558	12.232	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2000074	10.280	ppbv	99
51) 2-Hexanone	10.13	43	953045	10.610	ppbv #	98
52) Tetrachloroethene	11.22	164	1287444	9.634	ppbv	97
53) Toluene	9.81	91	3693968	10.365	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1930168	10.675	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1562133	8.292	ppbv	97
57) Chlorobenzene	12.15	112	2883384	8.009	ppbv	99
58) Ethyl Benzene	12.71	91	4866029	8.224	ppbv	99
59) m/p-Xylene	12.99	91	4483162	8.801	ppbv #	42
60) o-Xylene	13.69	91	3939014	8.092	ppbv	100
61) Styrene	13.53	104	2242954	9.014	ppbv	99
62) Isopropylbenzene	14.67	105	5585808	8.124	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2736391	7.970	ppbv	100
64) n-propylbenzene	15.56	120	1493285	8.376	ppbv	97
65) tert-Butylbenzene	16.74	119	5120201	8.046	ppbv	99
66) Benzyl Chloride	16.99	91	159181	5.090	ppbv #	63
67) sec-Butylbenzene	17.29	105	6816389	8.101	ppbv	100
69) p-Isopropyltoluene	17.65	119	5926251	8.227	ppbv	100
70) n-Butylbenzene	18.55	91	5634512	8.289	ppbv	100
71) 2-Chlorotoluene	15.45	91	4012403	8.188	ppbv	100
72) 4-Ethyltoluene	15.84	105	4936478	8.564	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4433310	8.327	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4599434	7.836	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	2902570	8.224	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2787979	7.651	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2827405	8.345	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1843950	7.255	ppbv	99
79) Naphthalene	22.20	128	3475318	7.561	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	978732	7.404	ppbv	96
81) 1,2,4-Trichlorobenzene	21.92	180	2082115	7.505	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

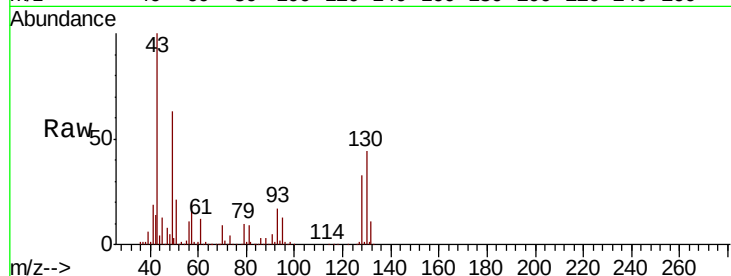
Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1127741

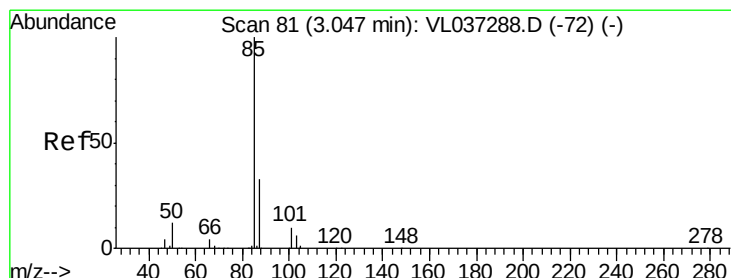
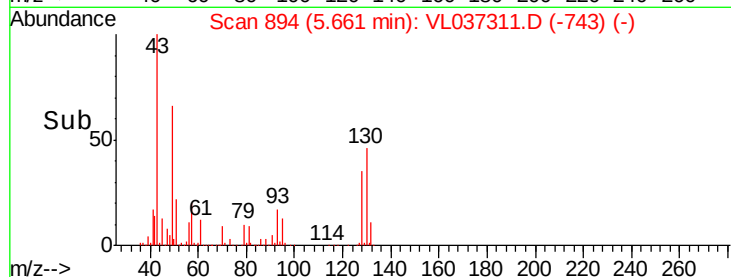
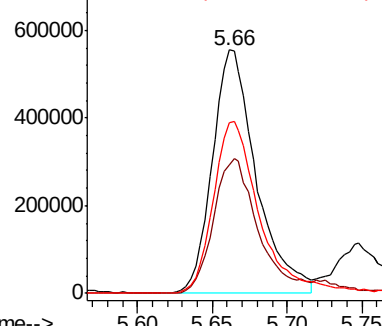
Ion	Ratio	Lower	Upper
49	100		
128	61.8	30.6	92.0
130	75.9	37.8	113.4



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: 6.639 ppbv

RT: 3.04 min Scan# 79

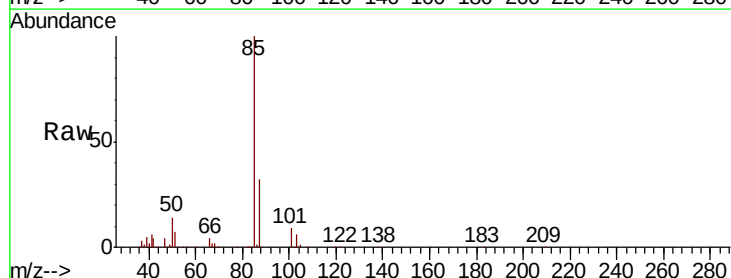
Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

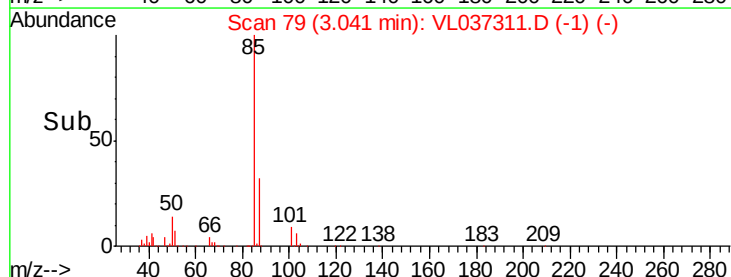
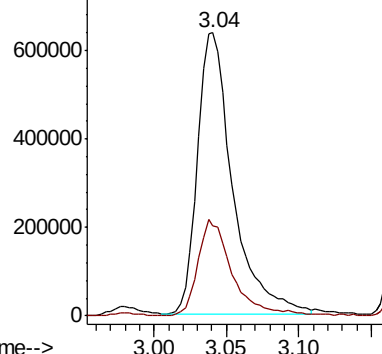
Tgt Ion: 85 Resp: 1077538

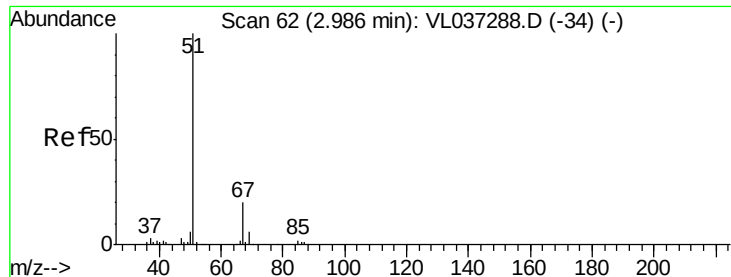
Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.6	40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

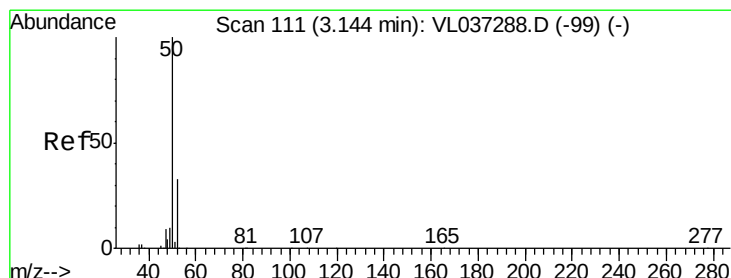
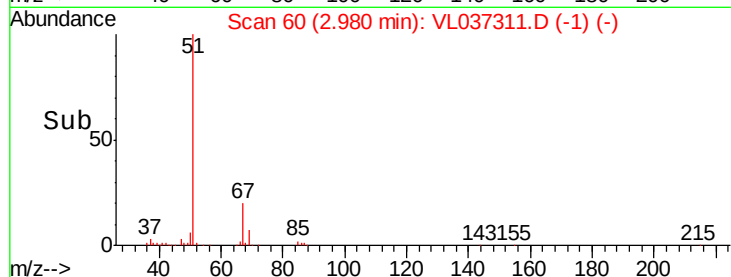
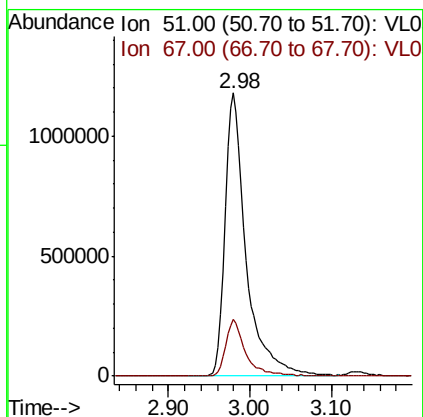
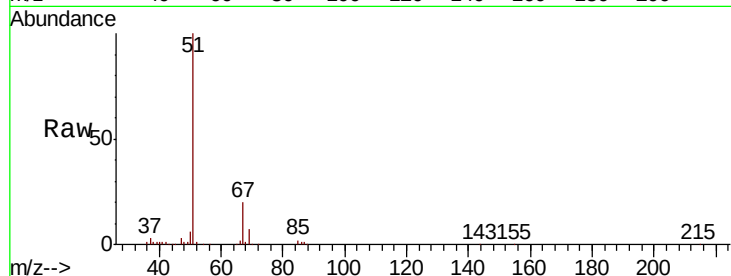




#3
Chlorodifluoromethane
Concen: 9.541 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

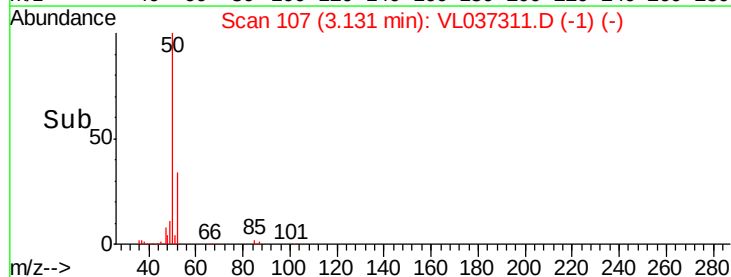
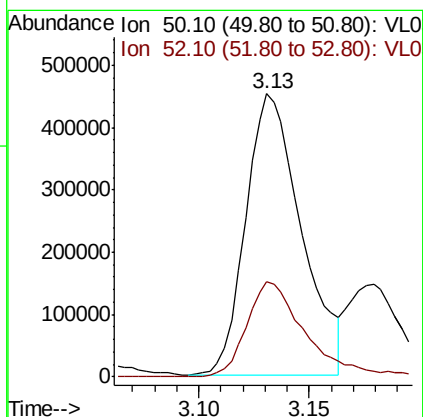
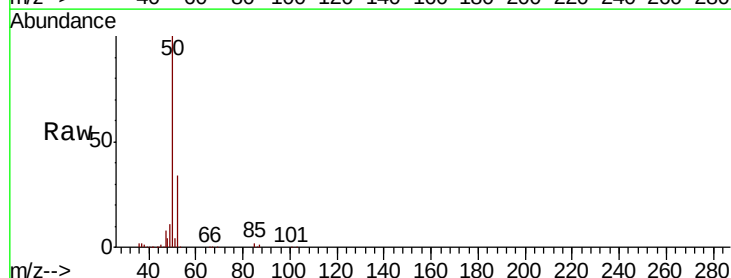
Instrument :
MSVOA_L
ClientSampleId :

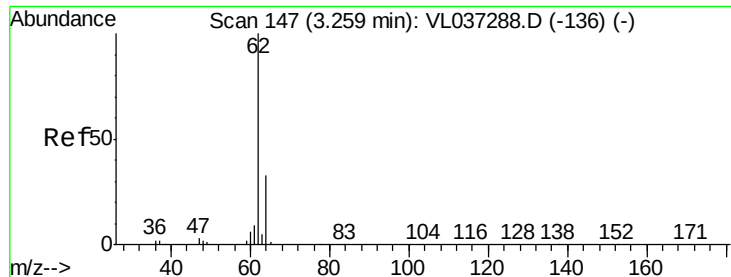
Tot Ion: 51 Resp: 2155948
Ion Ratio Lower Upper
51 100
67 19.1 15.2 22.8



#4
Chloromethane
Concen: 10.003 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 50 Resp: 788236
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.4





#5

Vinyl Chloride

Concen: 10.063 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

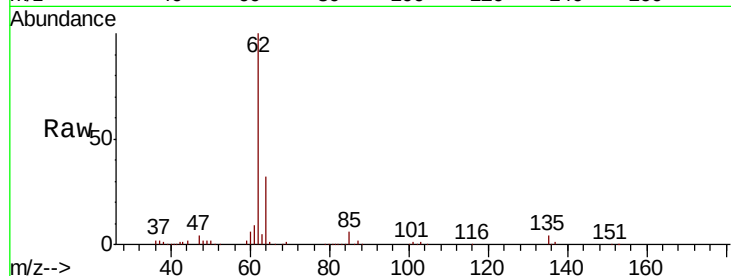
ClientSampleId :

Tot Ion: 62 Resp: 856819

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

500000

400000

300000

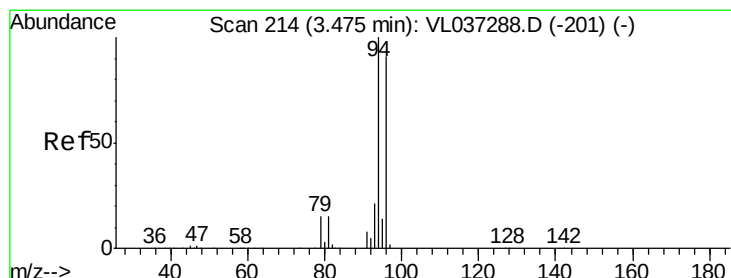
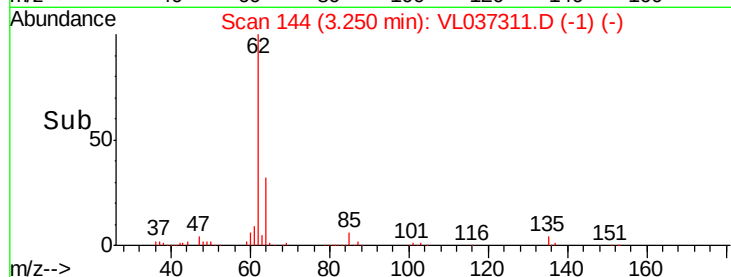
200000

100000

0

Time-->

3.20 3.25 3.30 3.35



#6

Bromomethane

Concen: 10.283 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL037311.D

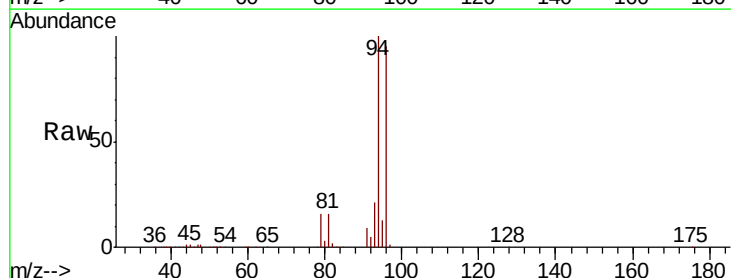
Acq: 31 Jul 2021 9:55

Tgt Ion: 94 Resp: 496524

Ion Ratio Lower Upper

94 100

96 94.8 72.7 109.1



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

300000

250000

200000

150000

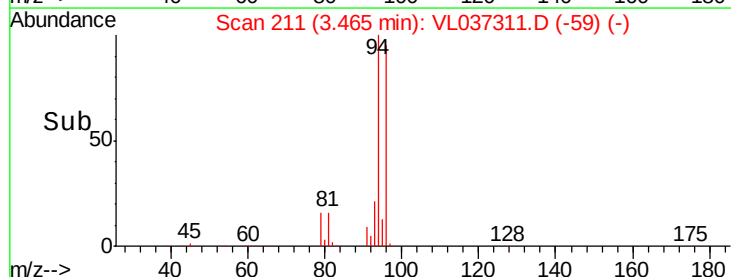
100000

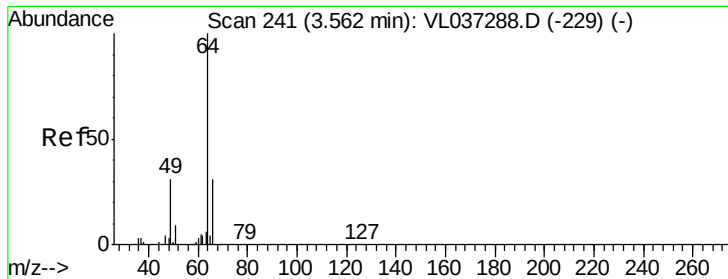
50000

0

Time-->

3.40 3.45 3.50





#7

Chloroethane

Concen: 10.539 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

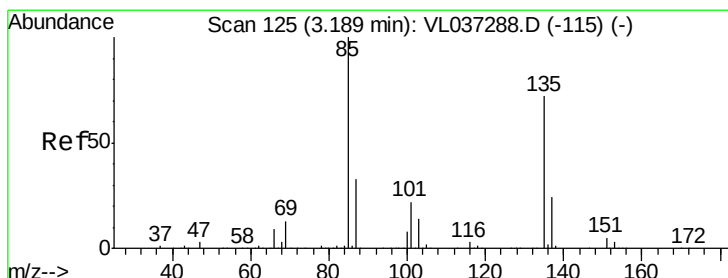
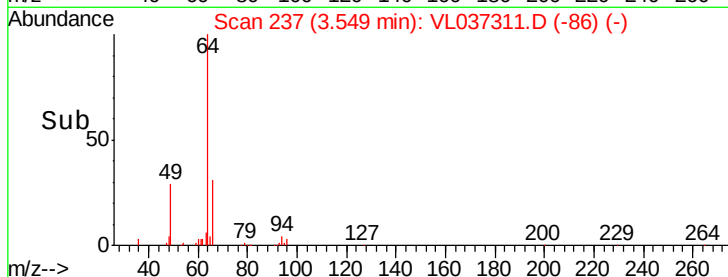
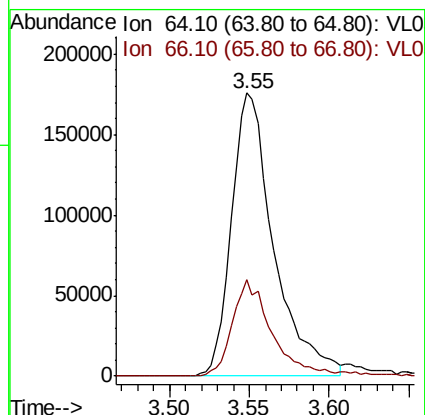
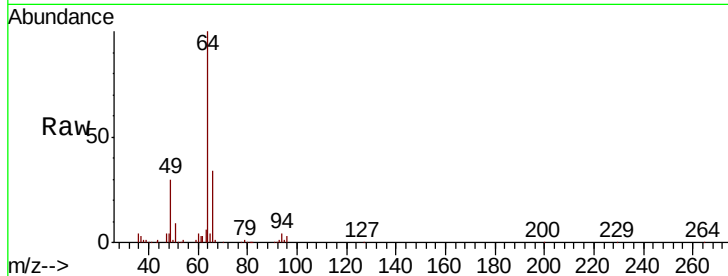
ClientSampleId :

Tot Ion: 64 Resp: 316250

Ion Ratio Lower Upper

64 100

66 34.1 24.9 37.3



#8

Dichlorotetrafluoroethane

Concen: 8.959 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL037311.D

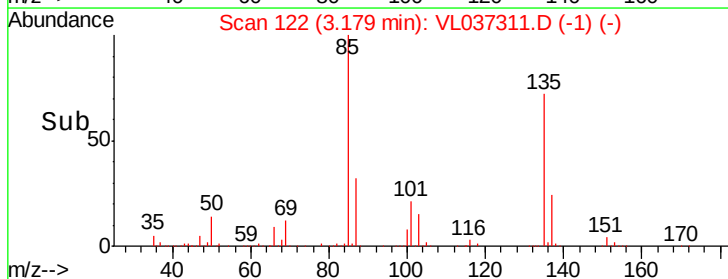
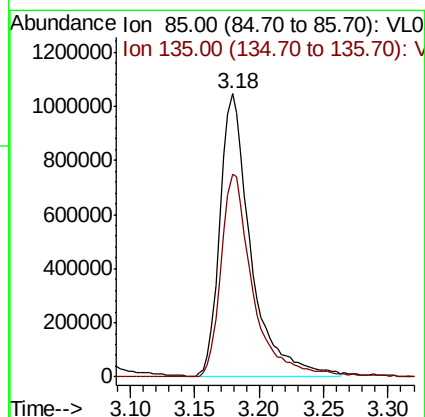
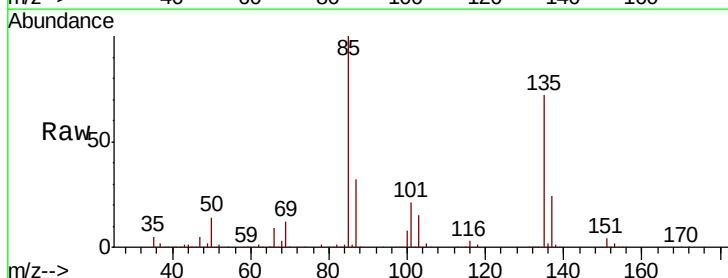
Acq: 31 Jul 2021 9:55

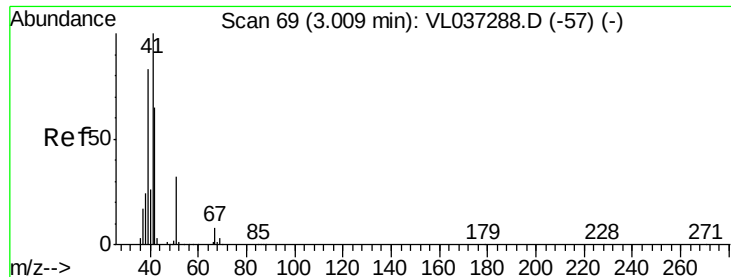
Tgt Ion: 85 Resp: 1728923

Ion Ratio Lower Upper

85 100

135 75.2 61.0 91.4





#9

Propene

Concen: 9.484 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

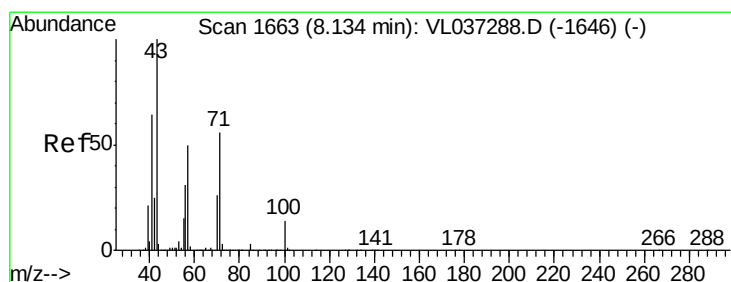
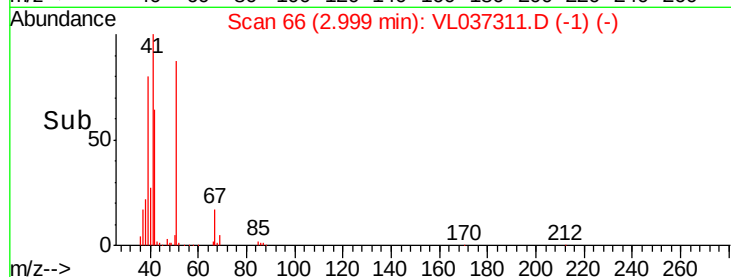
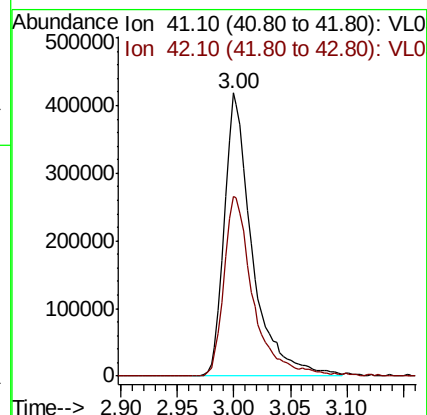
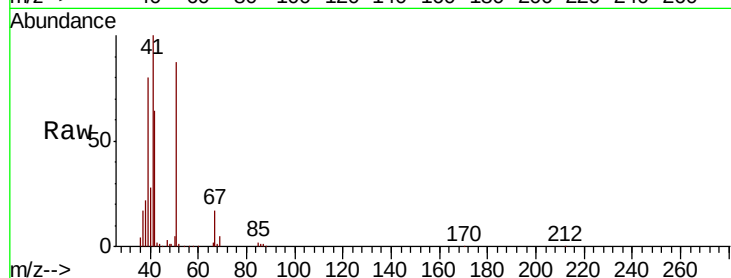
ClientSampleId :

Tot Ion: 41 Resp: 721035

Ion Ratio Lower Upper

41 100

42 67.1 54.0 81.0



#10

Heptane

Concen: 10.394 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL037311.D

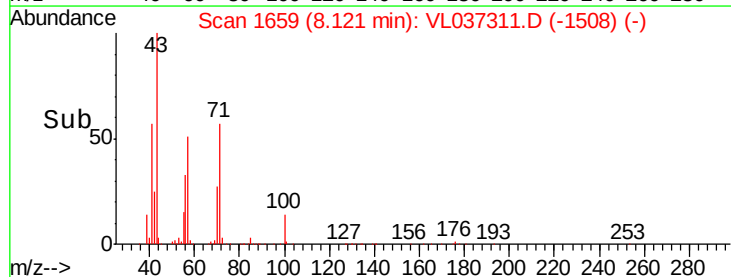
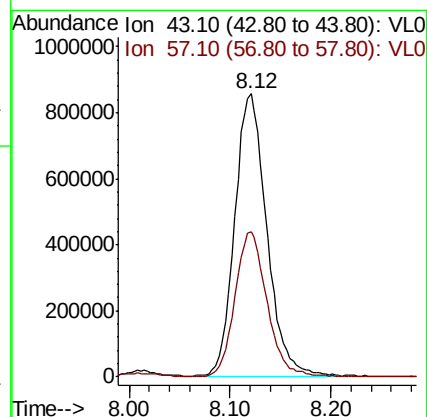
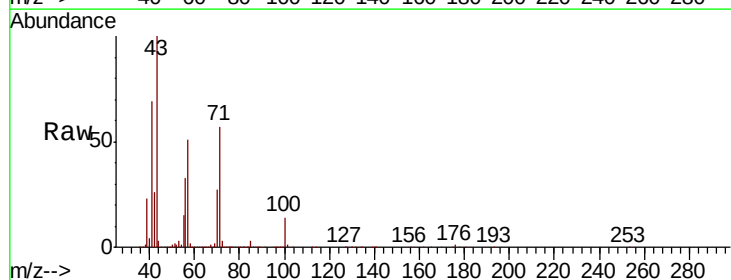
Acq: 31 Jul 2021 9:55

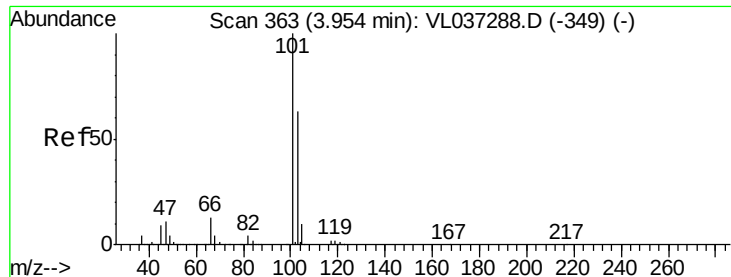
Tgt Ion: 43 Resp: 1880897

Ion Ratio Lower Upper

43 100

57 51.1 40.9 61.3

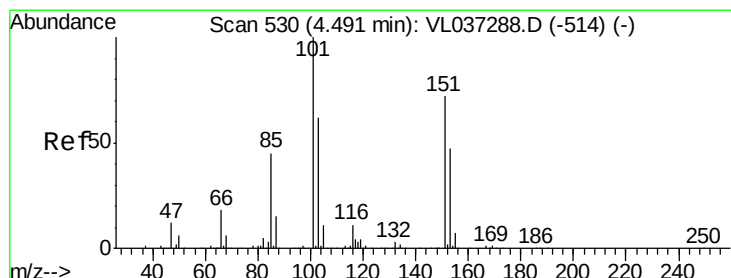
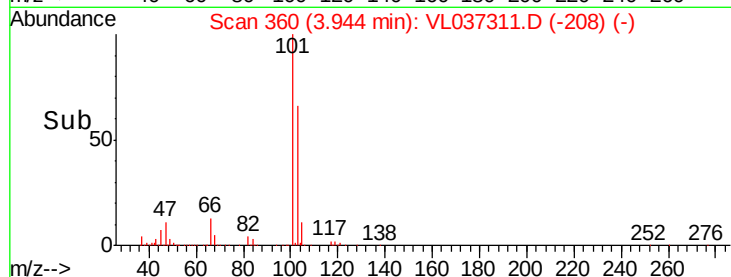
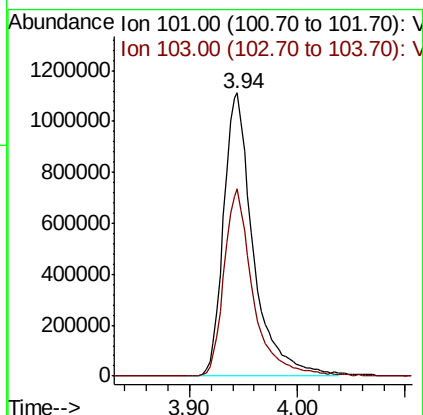
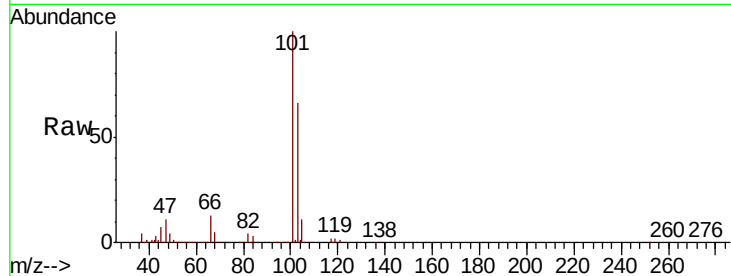




#11
 Trichlorofluoromethane
 Concen: 10.560 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

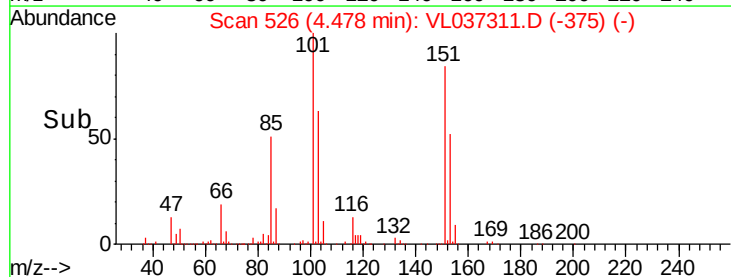
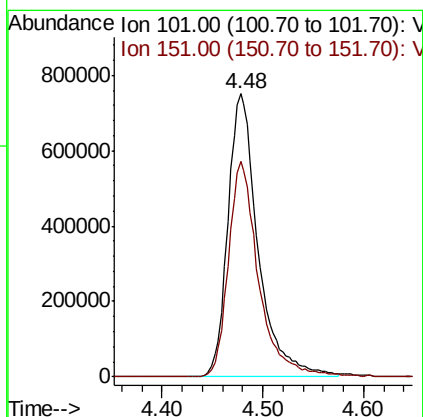
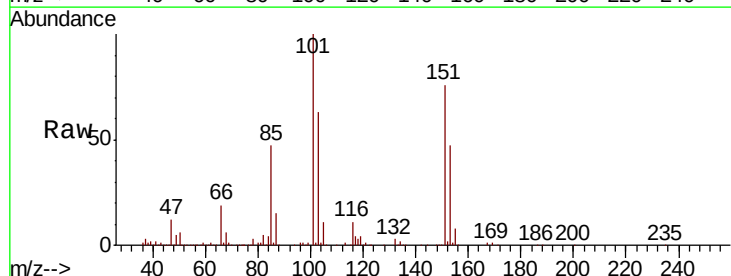
Instrument :
 MSVOA_L
 ClientSampleId :

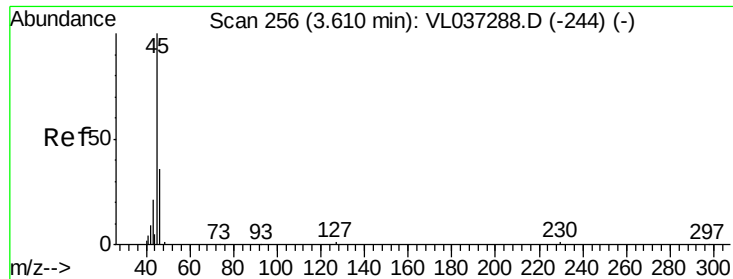
Tot Ion:101 Resp: 2128954
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.481 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion:101 Resp: 1571853
 Ion Ratio Lower Upper
 101 100
 151 76.3 61.4 92.0

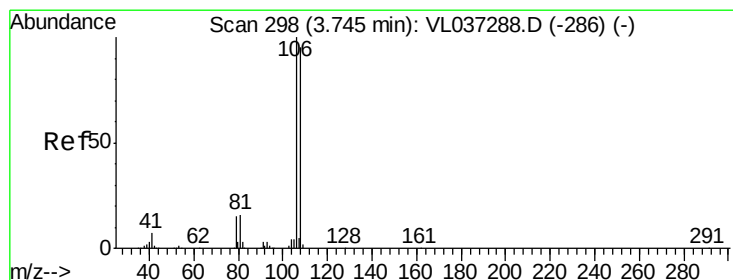
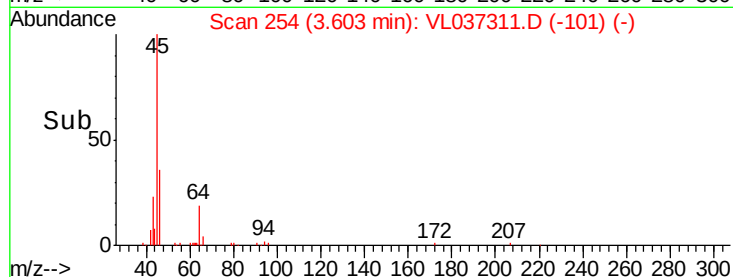
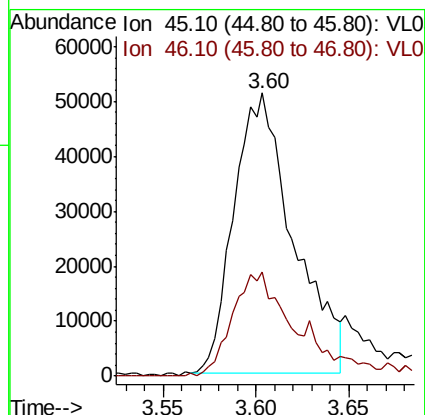
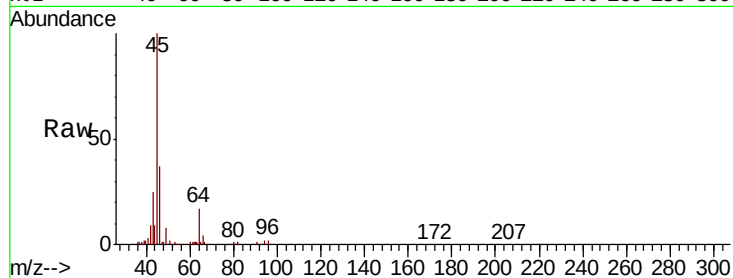




#13
Ethanol
Concen: 6.818 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

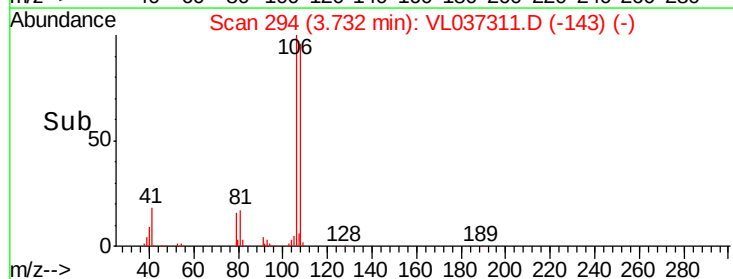
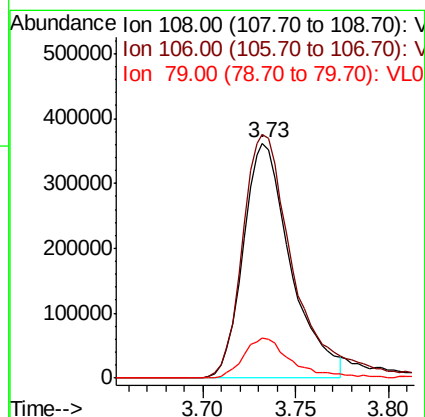
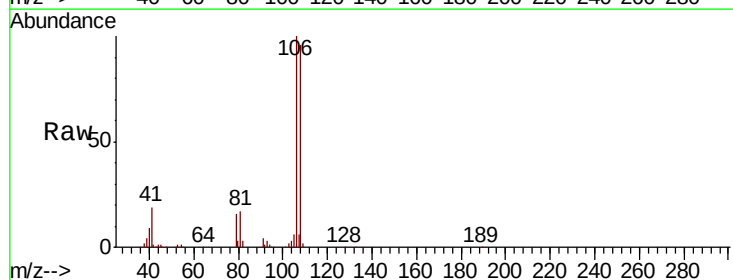
Instrument :
MSVOA_L
ClientSampled :

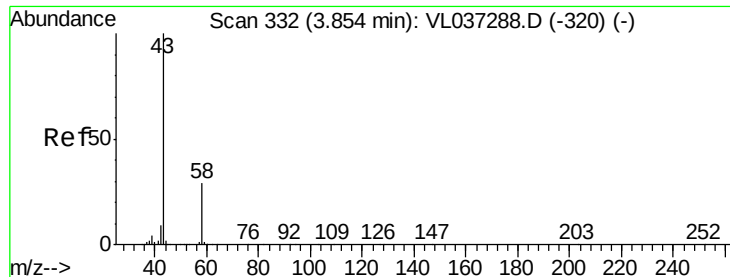
Tot Ion: 45 Resp: 113910
Ion Ratio Lower Upper
45 100
46 44.2 16.2 64.8



#14
Bromoethene
Concen: 10.126 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 108 Resp: 641685
Ion Ratio Lower Upper
108 100
106 114.7 86.2 129.2
79 18.1 13.3 19.9





#15

Acetone

Concen: 5.606 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

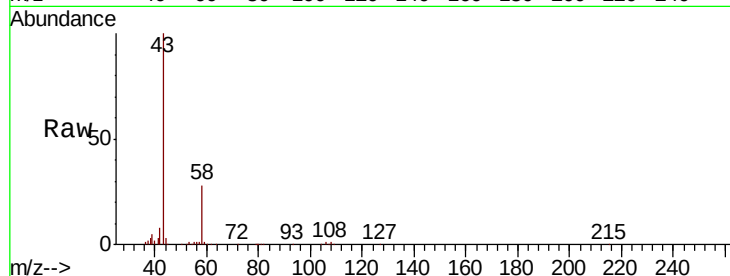
ClientSampleId :

Tot Ion: 43 Resp: 1138845

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

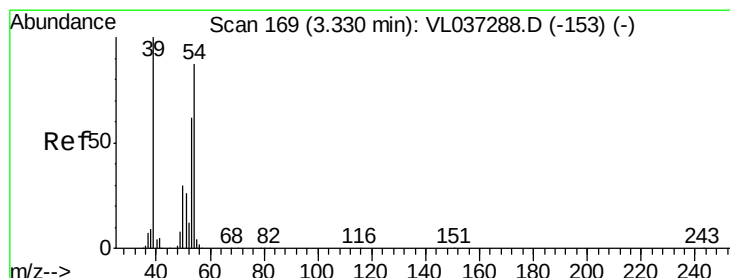
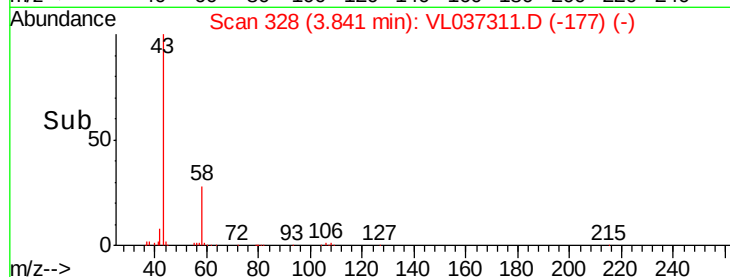
600000

400000

200000

0

Time--> 3.75 3.80 3.85 3.90 3.95



#16

1,3-Butadiene

Concen: 10.430 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL037311.D

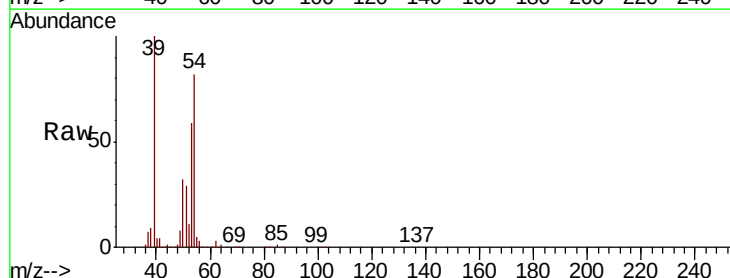
Acq: 31 Jul 2021 9:55

Tgt Ion: 39 Resp: 794687

Ion Ratio Lower Upper

39 100

54 79.6 63.9 95.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.32

500000

400000

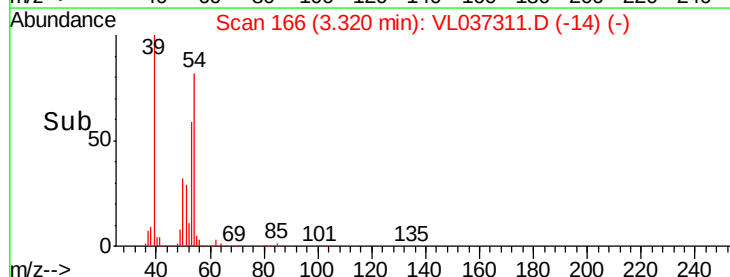
300000

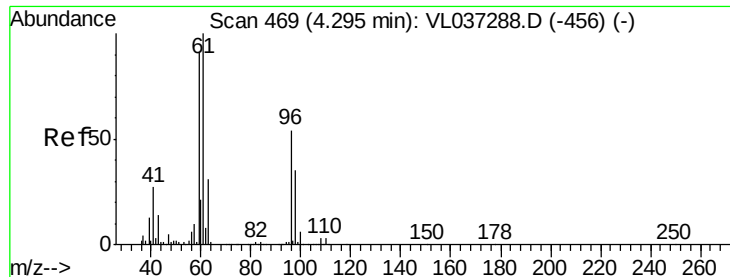
200000

100000

0

Time--> 3.25 3.30 3.35 3.40



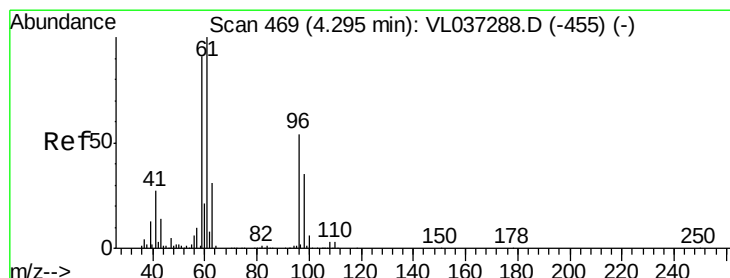
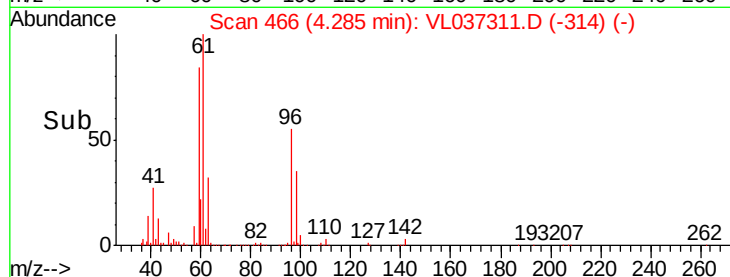
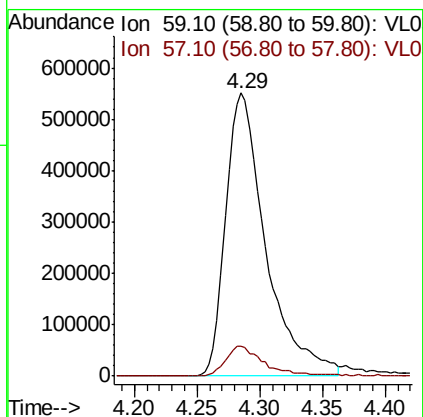
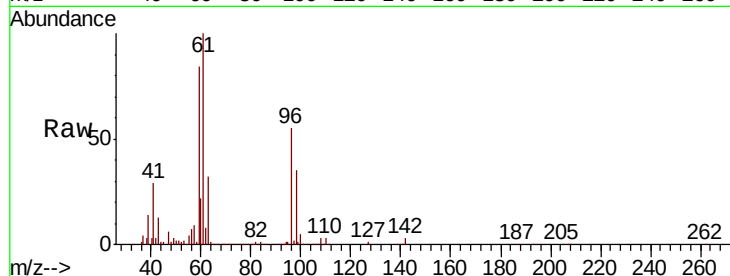


#17

tert-Butyl alcohol
 Concen: 9.473 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Instrument :
 MSVOA_L
 ClientSampled :

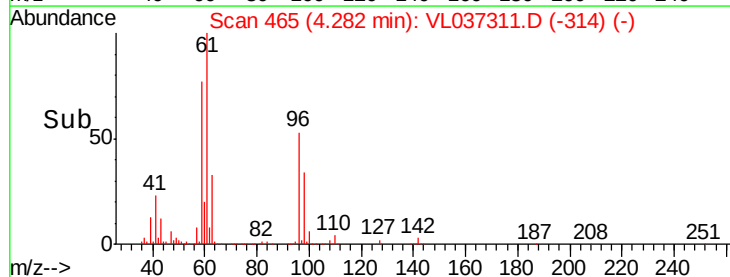
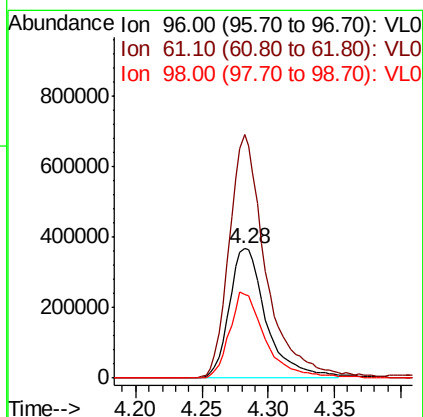
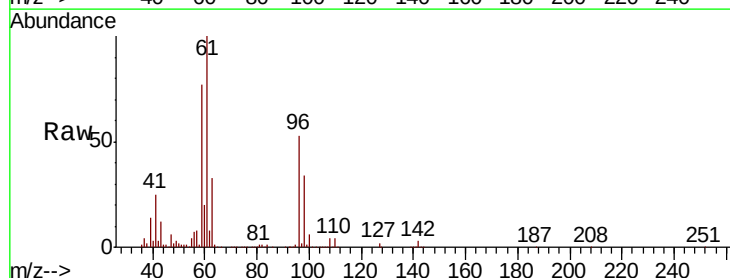
Tot Ion: 59 Resp: 1223542
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 13.0

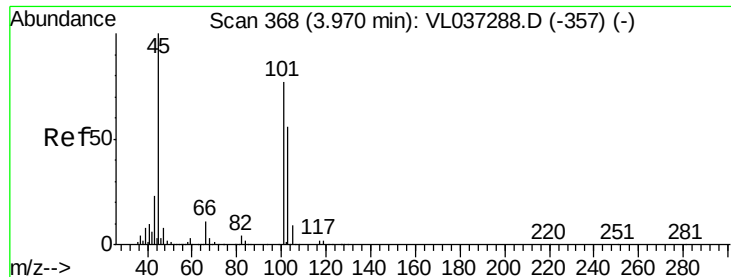


#18

1,1-Dichloroethene
 Concen: 10.862 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion: 96 Resp: 715912
 Ion Ratio Lower Upper
 96 100
 61 187.8 148.3 222.5
 98 64.1 51.4 77.0





#19

Isopropyl Alcohol

Concen: 9.625 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

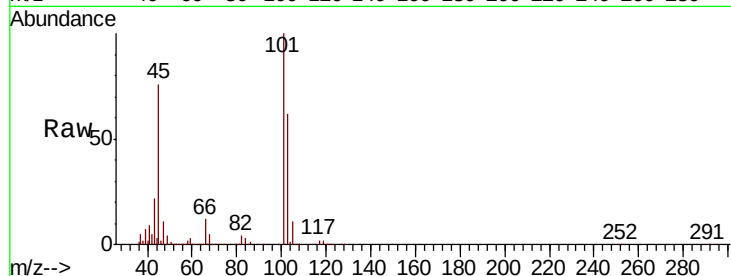
ClientSampleId :

Tot Ion: 45 Resp: 756445

Ion Ratio Lower Upper

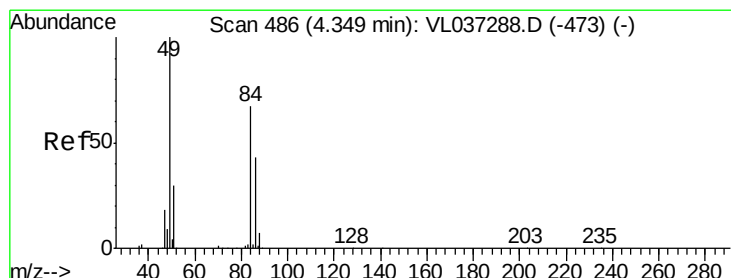
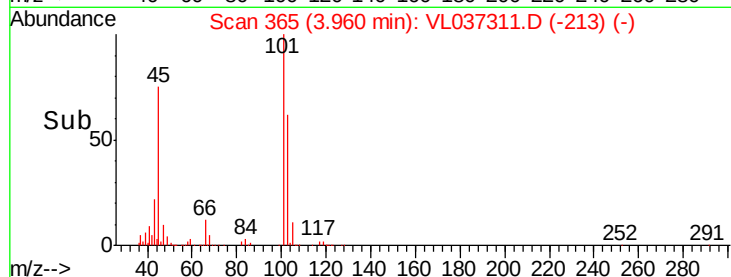
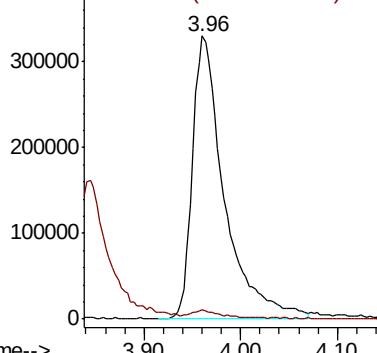
45 100

58 2.9 2.2 3.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 9.380 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Tgt Ion: 84 Resp: 737291

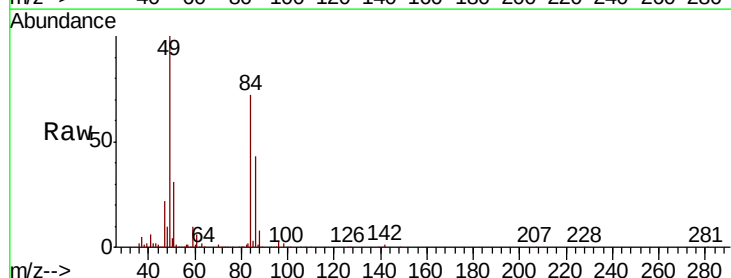
Ion Ratio Lower Upper

84 100

49 137.4 120.2 180.4

51 41.3 36.5 54.7

86 60.7 51.3 76.9

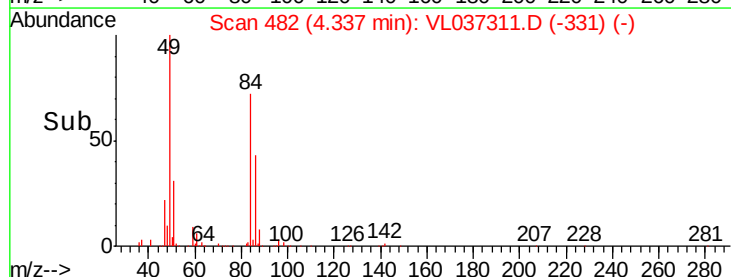
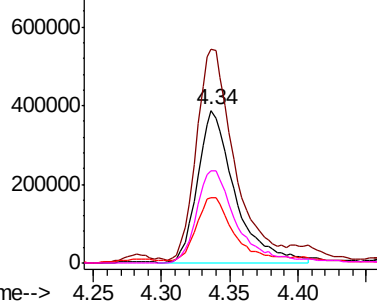


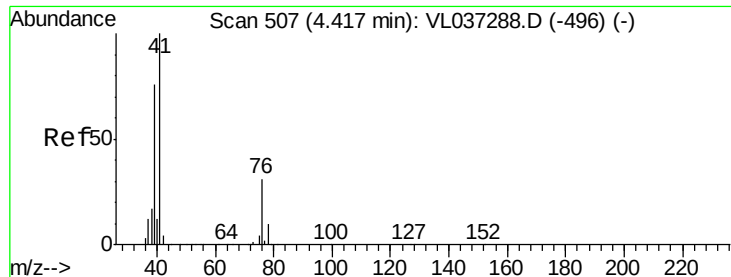
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

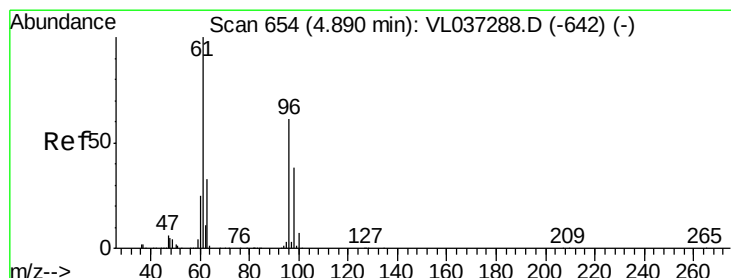
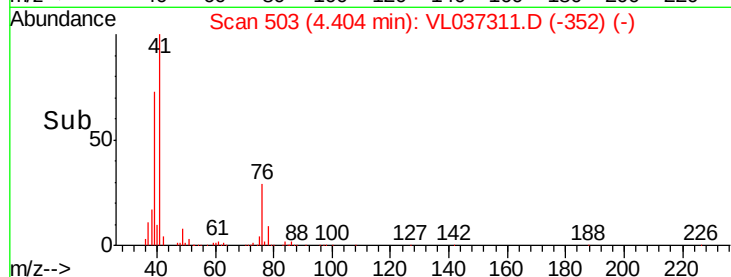
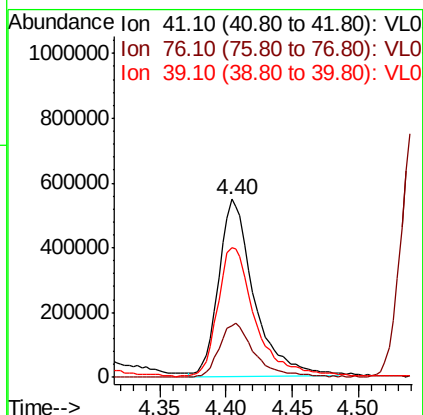
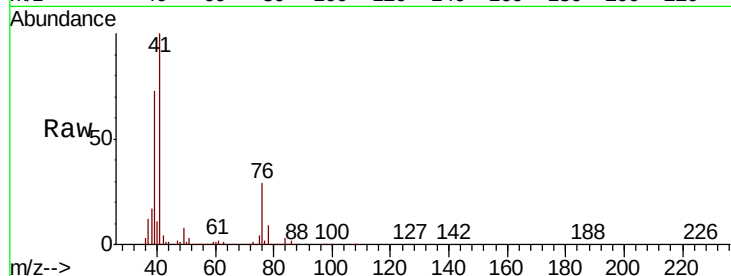




#21
 Allvl Chloride
 Concen: 11.239 ppbv
 RT: 4.40 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

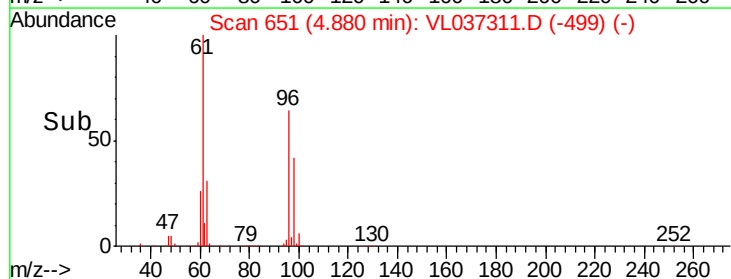
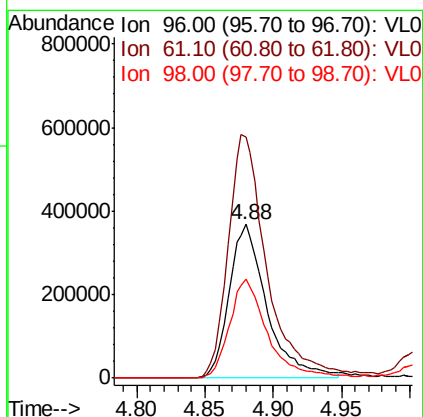
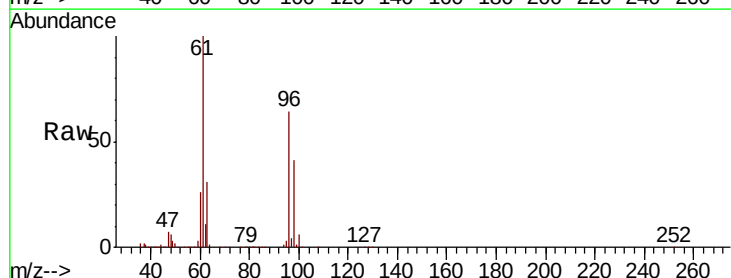
Instrument :
 MSVOA_L
 ClientSampleId :

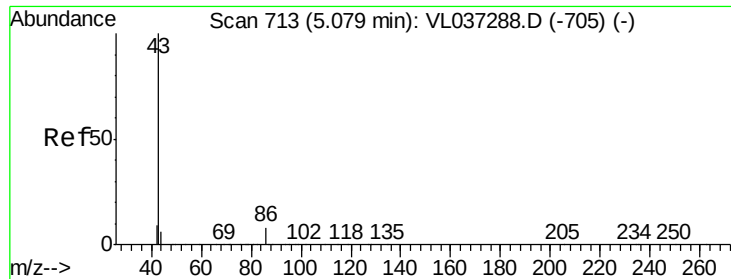
Tot Ion: 41 Resp: 1016423
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.7 37.1
 39 77.0 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 11.269 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion: 96 Resp: 708928
 Ion Ratio Lower Upper
 96 100
 61 156.9 131.1 196.7
 98 64.9 49.9 74.9





#23

Vinyl Acetate

Concen: 11.281 ppbv

RT: 5.07 min Scan# 709

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampled :

Tot Ion: 43 Resp: 1933524

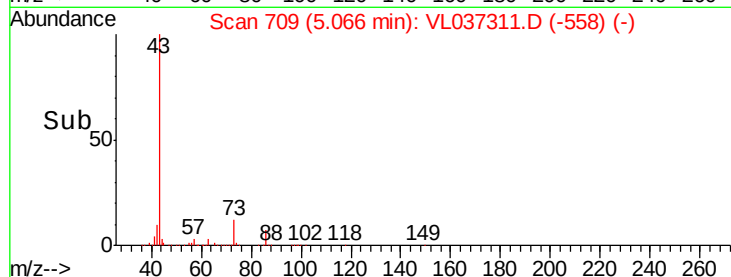
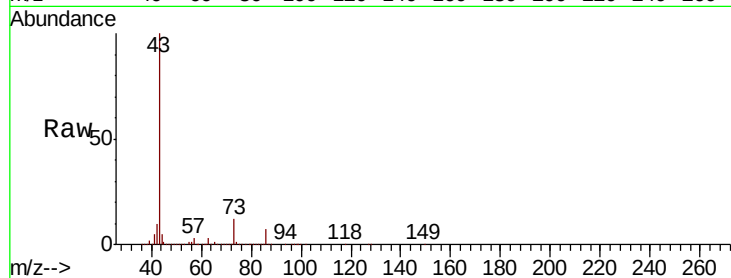
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.7	8.5
42	9.4	8.1	12.1
44	5.0	4.1	6.1

43 100

86 7.4 5.7 8.5

42 9.4 8.1 12.1

44 5.0 4.1 6.1

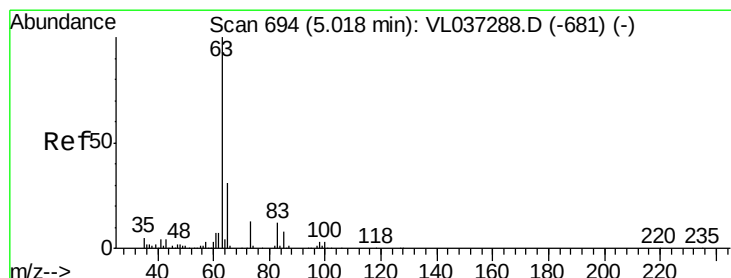
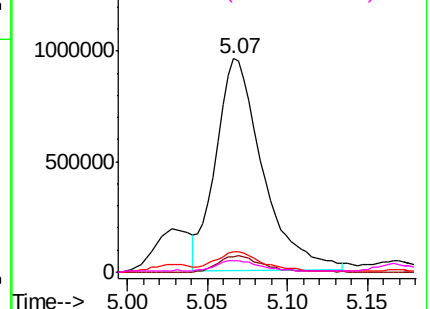


Abundance Ion 43.10 (42.80 to 43.80): VL0

1500000 Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 11.323 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

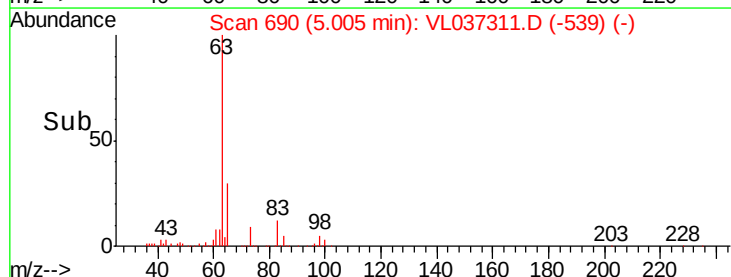
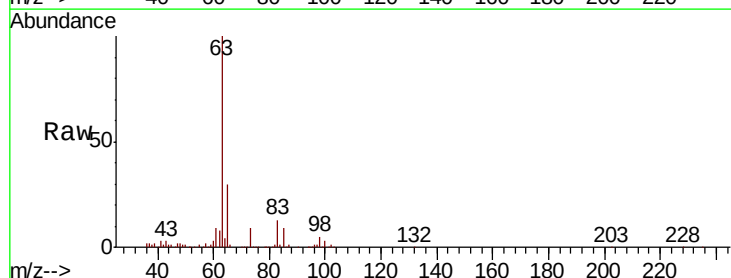
Tgt Ion: 63 Resp: 1506839

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.0	5.8
100	2.8	1.4	4.2

63 100

98 4.7 2.0 5.8

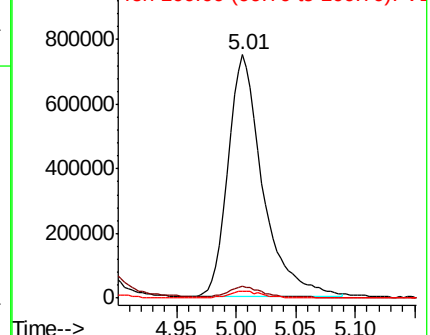
100 2.8 1.4 4.2

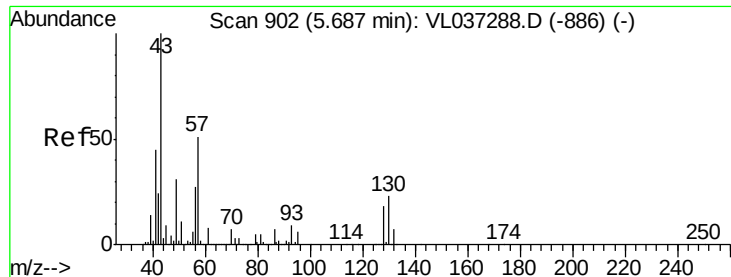


Abundance Ion 63.10 (62.80 to 63.80): VL0

1000000 Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



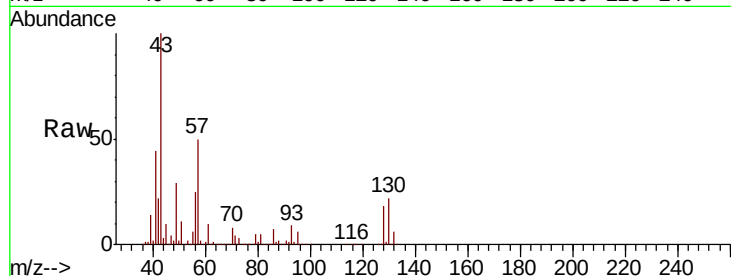


#25
Ethyl Acetate
Concen: 10.416 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3069681

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.4	11.2
61	10.0	7.8	11.6
70	6.8	5.4	8.2



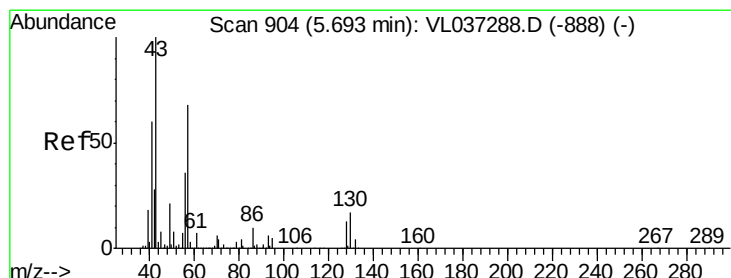
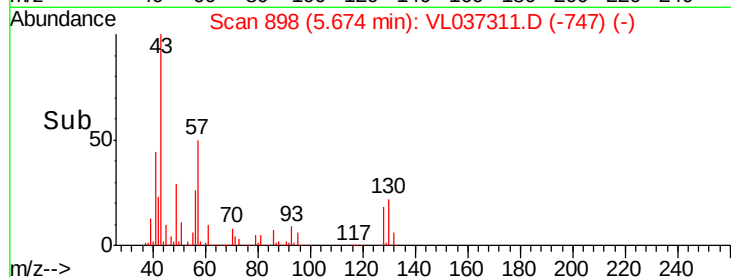
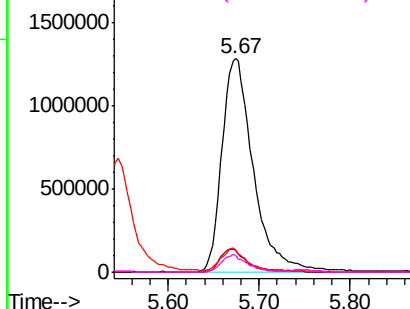
Abundance

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

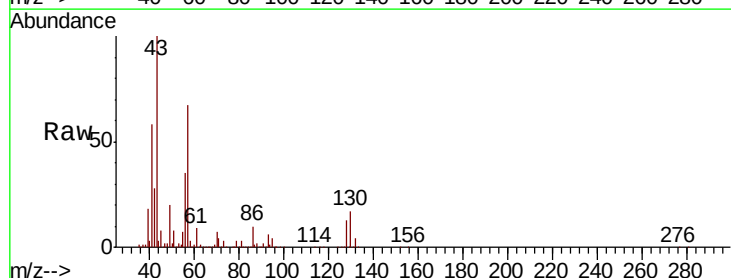
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.976 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 57 Resp: 1571281

Ion	Ratio	Lower	Upper
57	100		
41	88.8	71.0	106.6
43	197.6	155.0	232.4
56	53.3	42.0	63.0



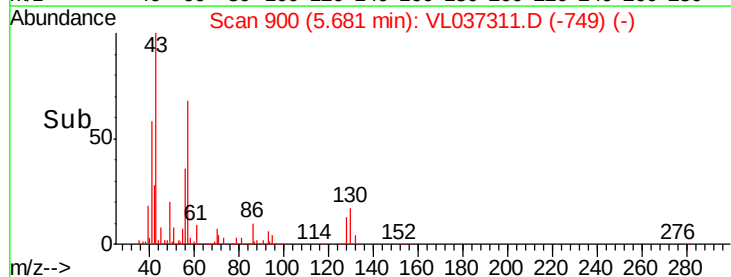
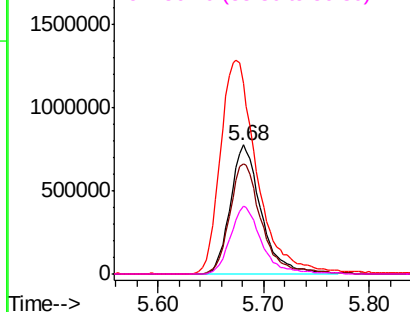
Abundance

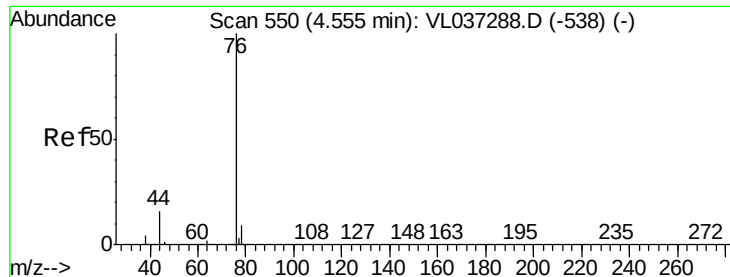
Ion 57.10 (56.80 to 57.80): VL0

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: 12.218 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

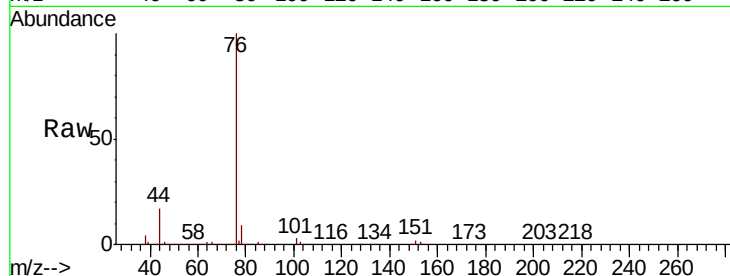
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1585260

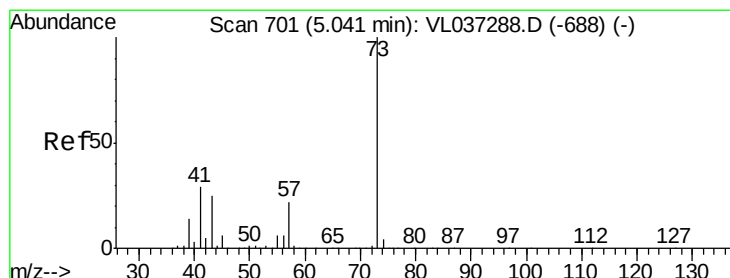
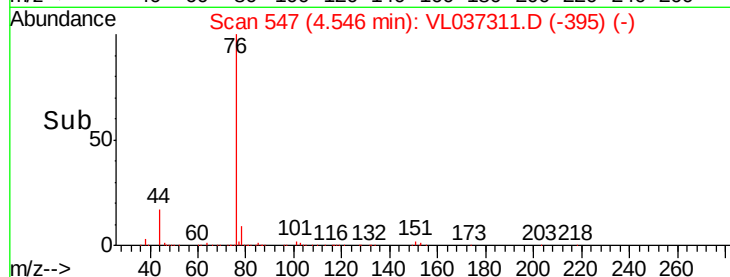
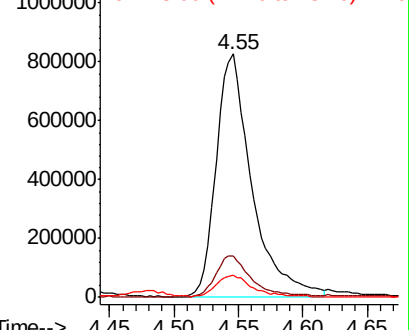
Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.1	21.1
78	9.7	8.0	12.0



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: 11.189 ppbv

RT: 5.03 min Scan# 698

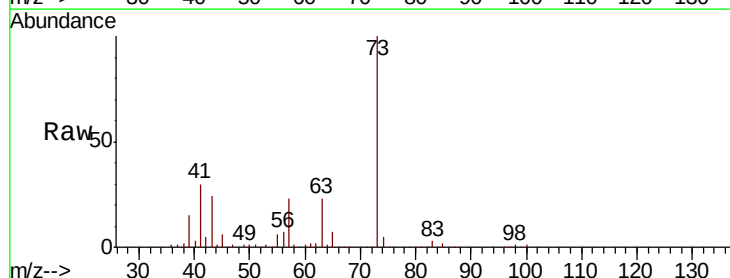
Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

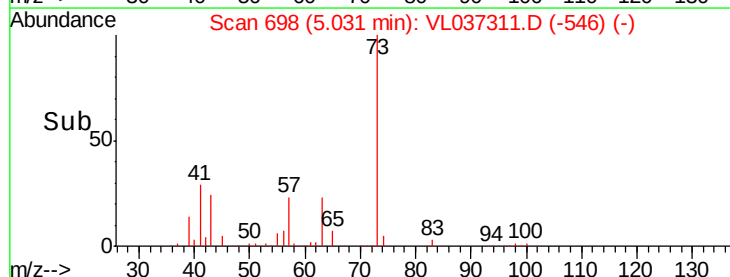
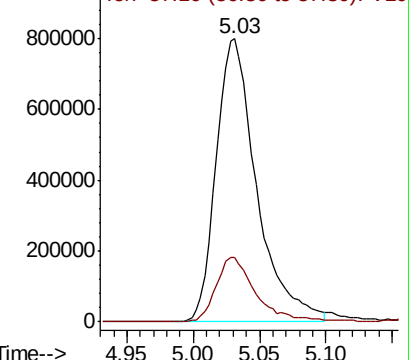
Tgt Ion: 73 Resp: 1702421

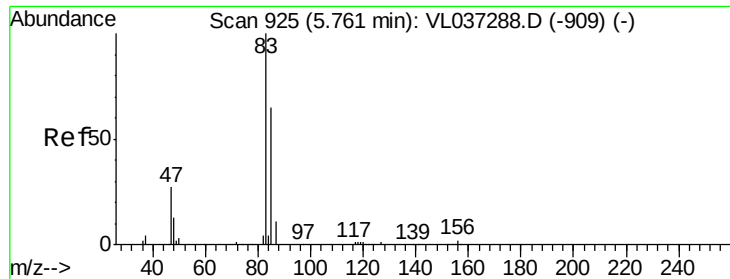
Ion	Ratio	Lower	Upper
73	100		
57	22.6	19.0	28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

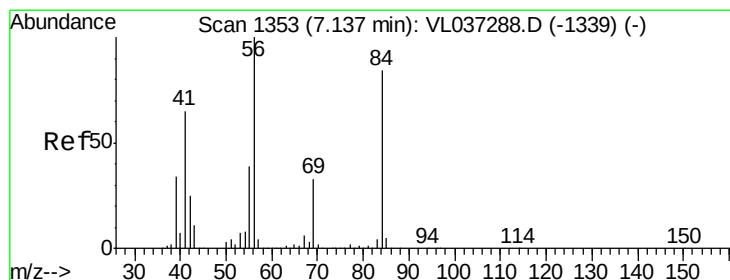
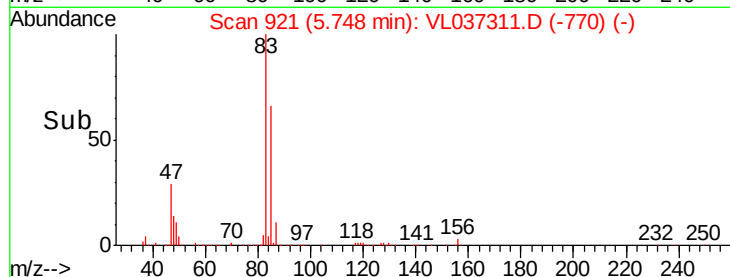
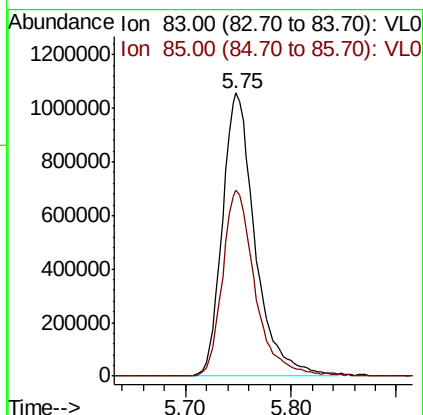
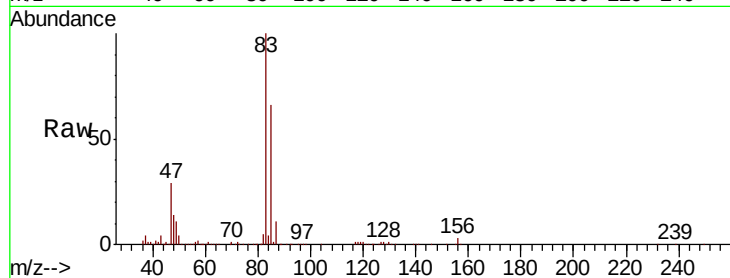




#29
Chloroform
Concen: 10.044 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

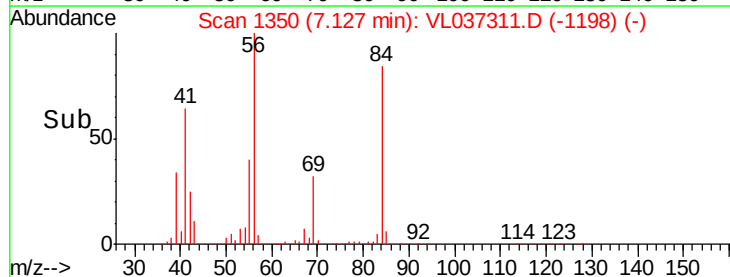
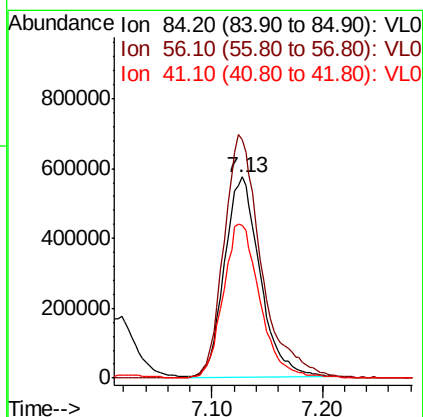
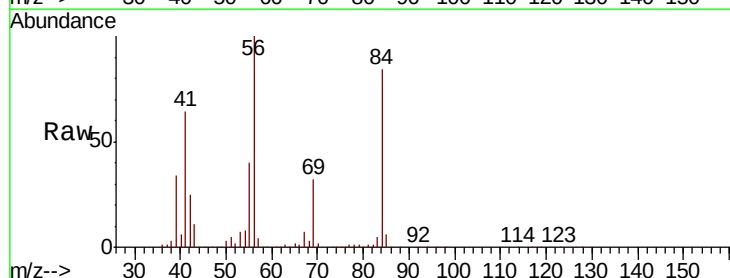
Instrument :
MSVOA_L
ClientSampled :

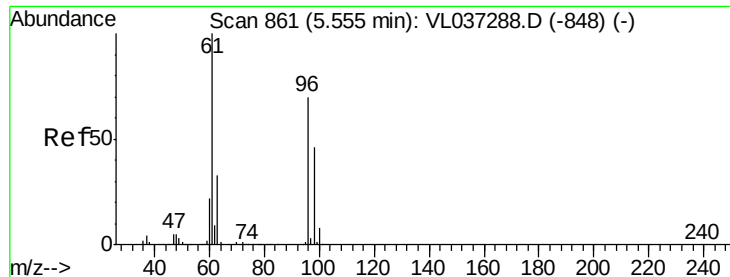
Tot Ion: 83 Resp: 2267032
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9



#30
Cyclohexane
Concen: 10.392 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 84 Resp: 1279921
Ion Ratio Lower Upper
84 100
56 128.7 104.1 156.1
41 79.5 64.7 97.1



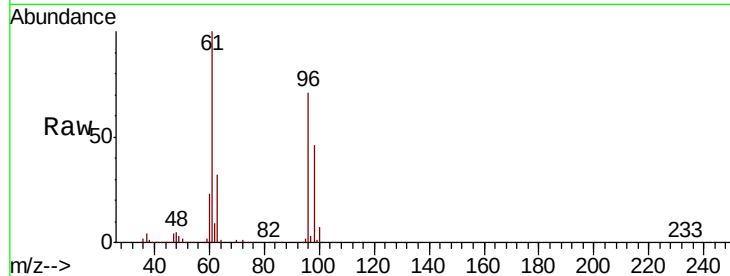


#31

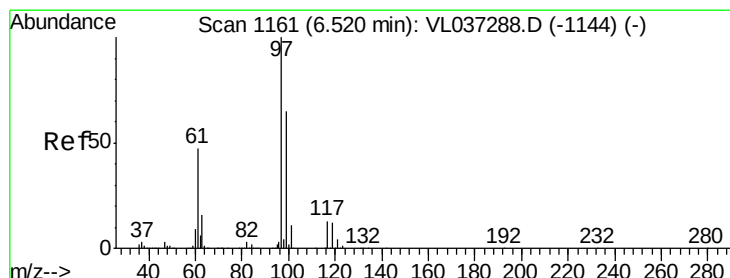
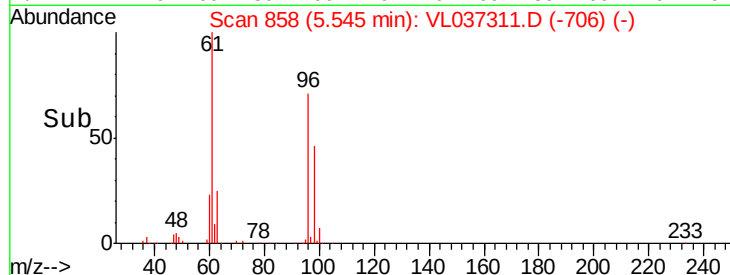
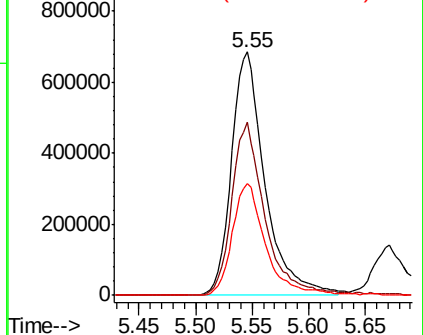
cis-1,2-Dichloroethene
 Concen: 10.555 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 61 Resp: 1408917
 Ion Ratio Lower Upper
 61 100
 96 71.0 55.9 83.9
 98 45.7 37.1 55.7



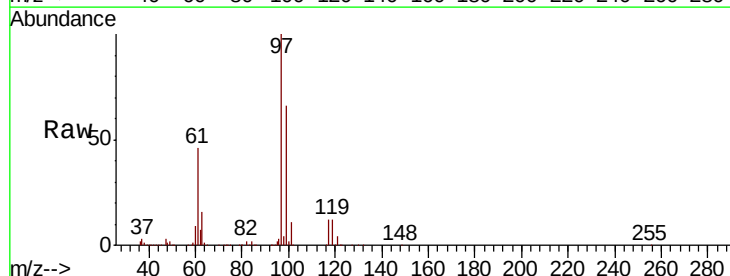
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



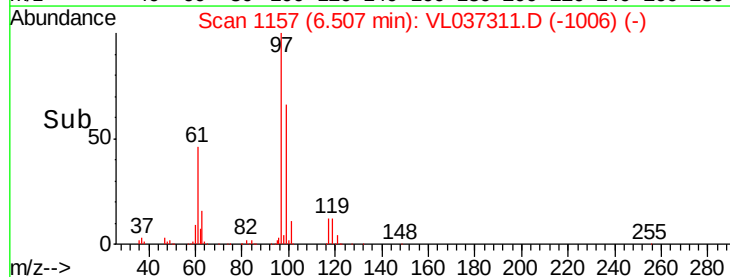
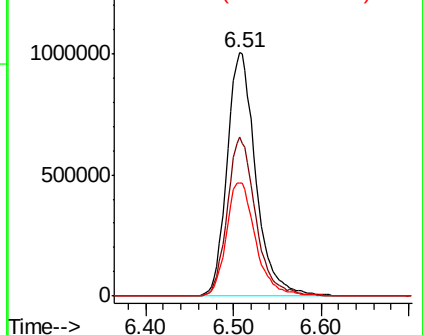
#32

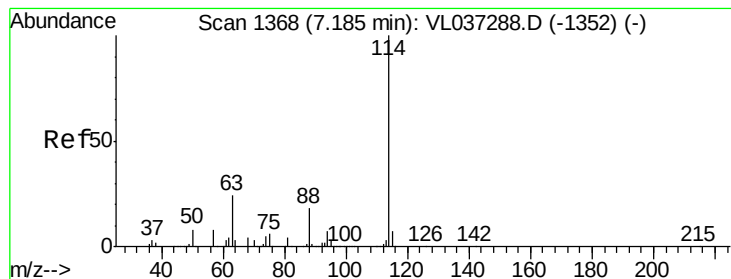
1,1,1-Trichloroethane
 Concen: 10.190 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion: 97 Resp: 2286981
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.5 78.7
 61 48.1 38.2 57.4



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampleId :

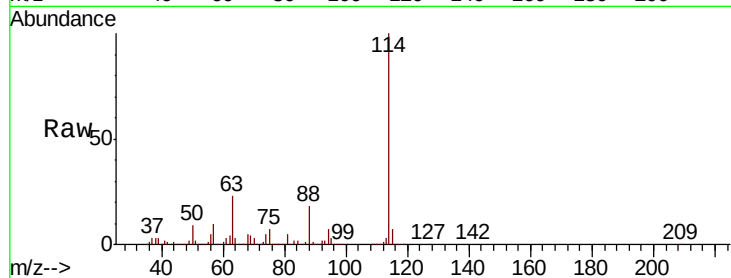
Tot Ion:114 Resp: 3580608

Ion Ratio Lower Upper

114 100

63 23.0 19.0 28.4

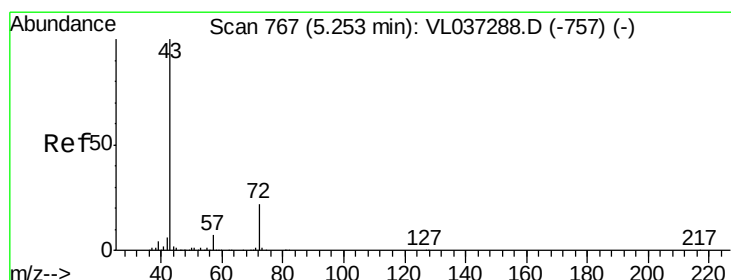
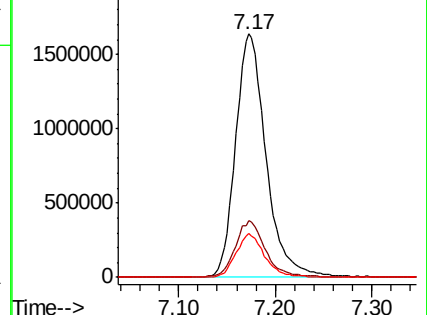
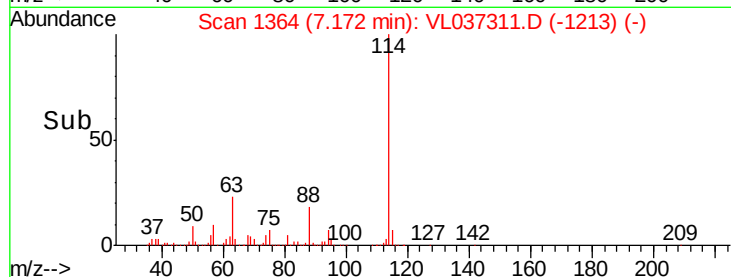
88 17.2 14.0 21.0



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 8.752 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.01 min

Lab File: VL037311.D

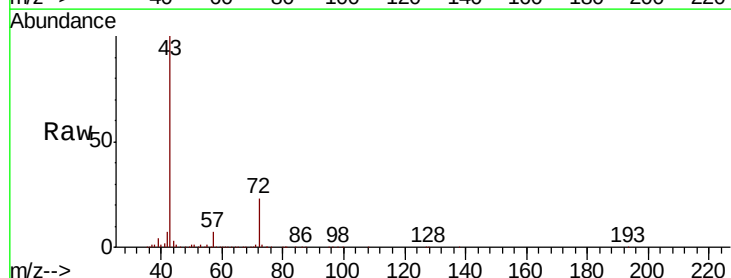
Acq: 31 Jul 2021 9:55

Tgt Ion: 43 Resp: 1344574

Ion Ratio Lower Upper

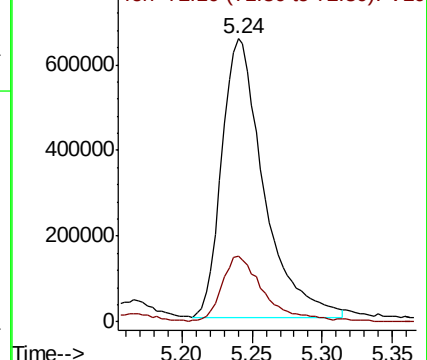
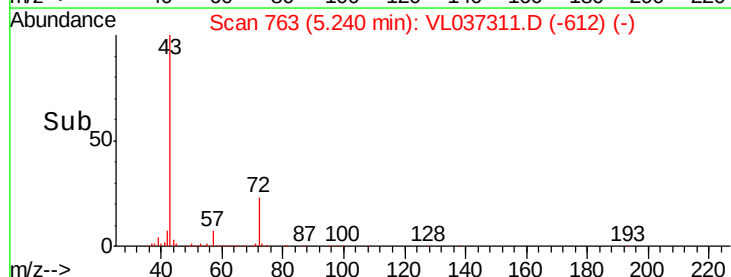
43 100

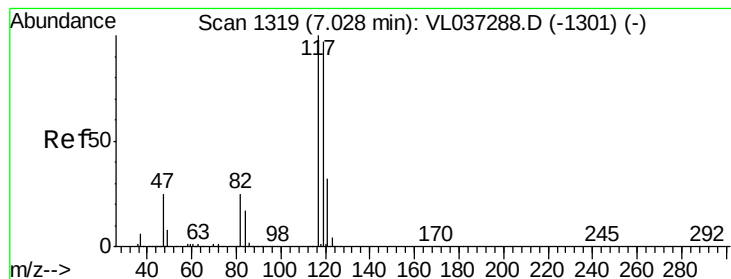
72 24.1 18.5 27.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.694 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampled :

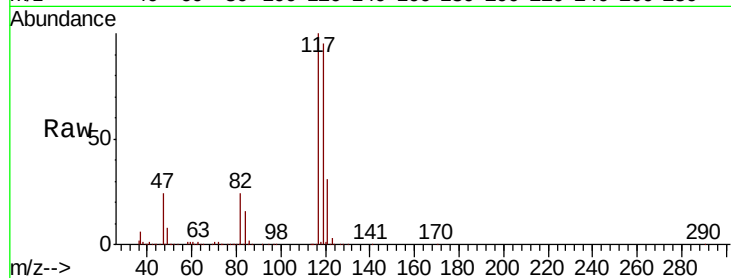
Tot Ion:117 Resp: 2426628

Ion Ratio Lower Upper

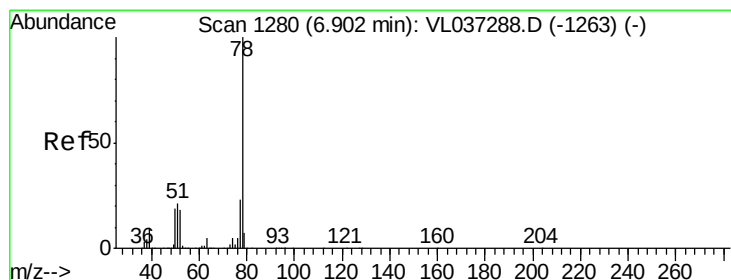
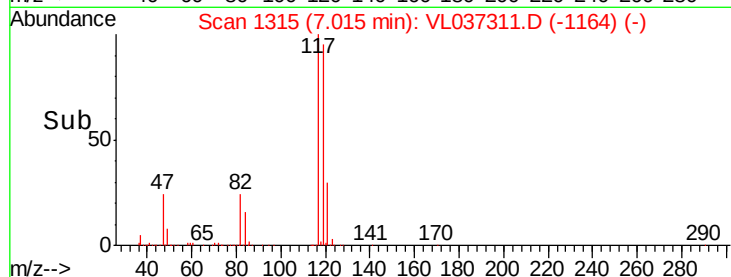
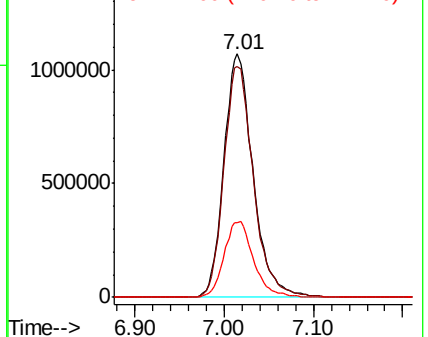
117 100

119 95.0 77.4 116.2

121 30.6 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: 10.027 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

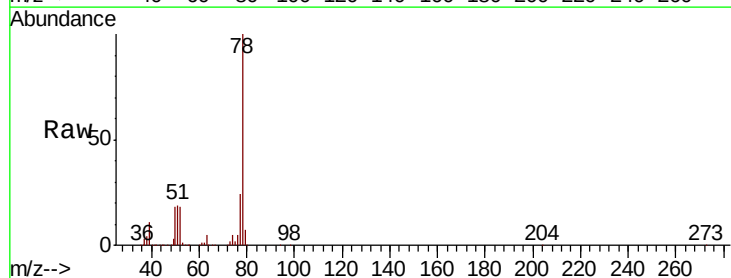
Tgt Ion: 78 Resp: 3039635

Ion Ratio Lower Upper

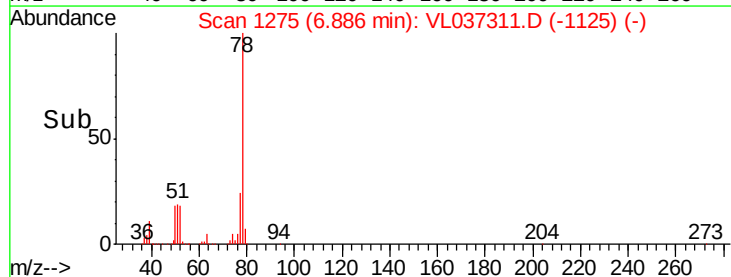
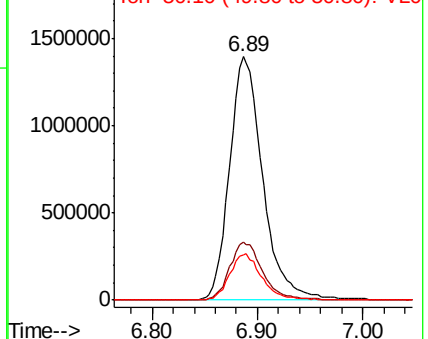
78 100

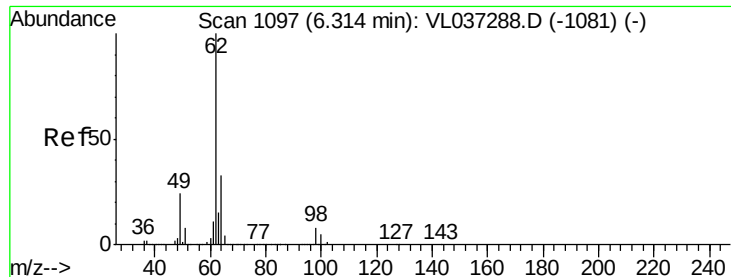
77 23.8 18.3 27.5

50 18.4 15.5 23.3



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





#37

1,2-Dichloroethane

Concen: 10.317 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

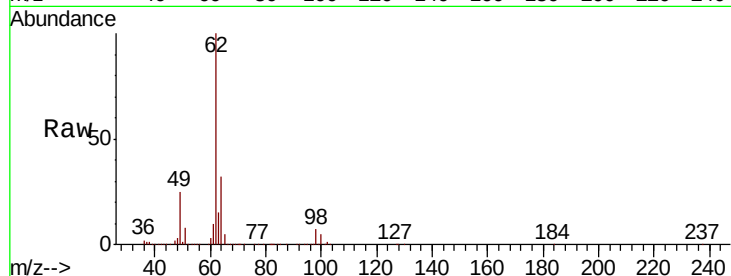
ClientSampleId :

Tot Ion: 62 Resp: 1629233

Ion Ratio Lower Upper

62 100

98 7.2 5.8 8.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

800000

600000

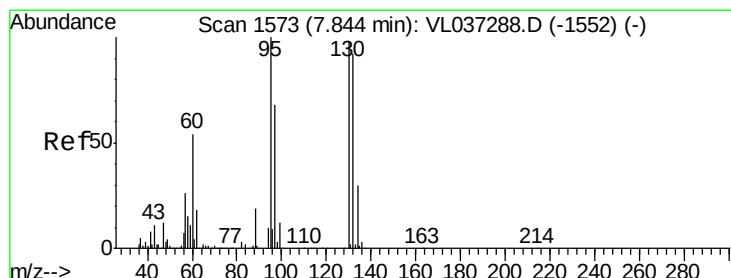
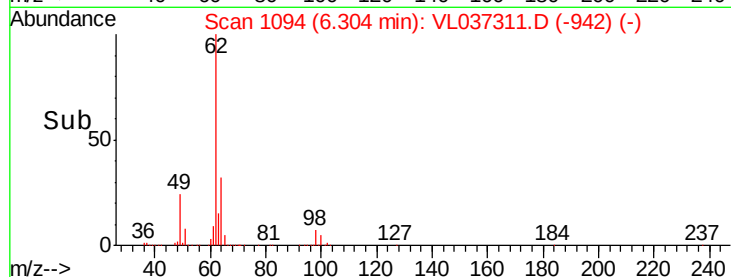
400000

200000

0

6.25 6.30 6.35 6.40

Time-->



#38

Trichloroethene

Concen: 9.634 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Tgt Ion:130 Resp: 1317921

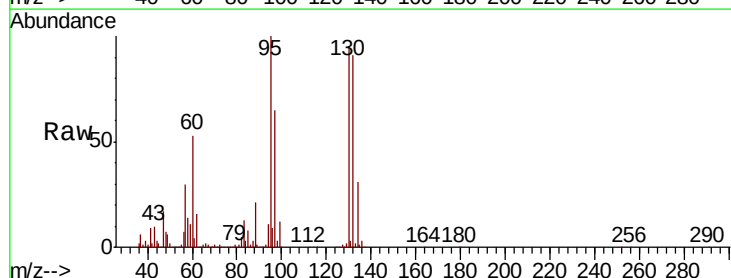
Ion Ratio Lower Upper

130 100

95 105.4 82.0 123.0

132 95.6 75.0 112.6

97 68.9 56.0 84.0



Abundance Ion 130.00 (129.70 to 130.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): VL0

Ion 97.00 (96.70 to 97.70): VL0

1000000

800000

600000

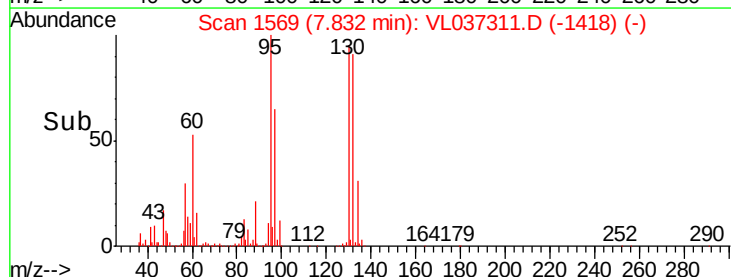
400000

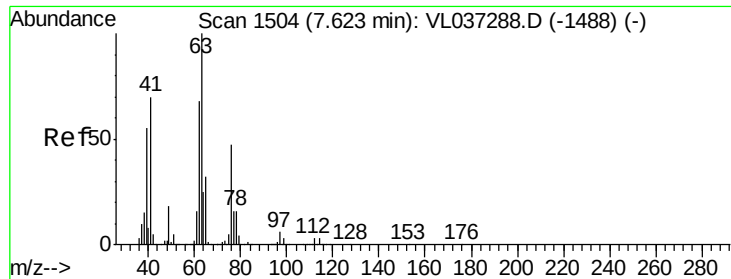
200000

0

7.75 7.80 7.85 7.90 7.95

Time-->





#39

1,2-Dichloropropane

Concen: 10.017 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampleId :

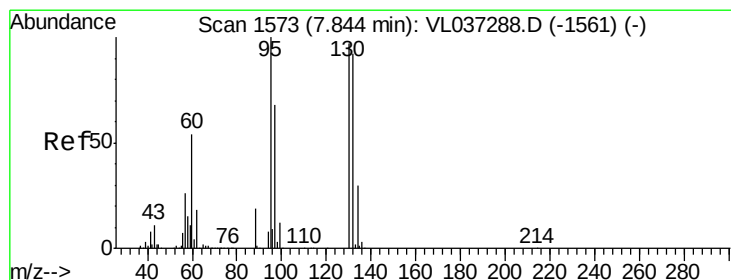
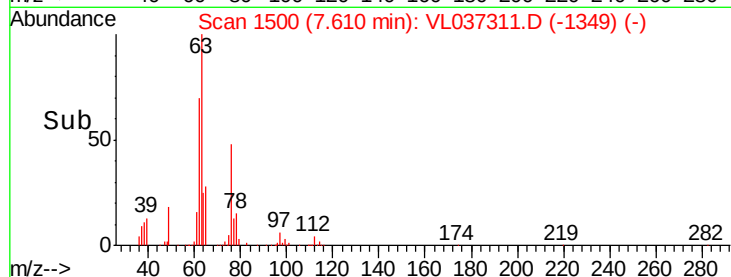
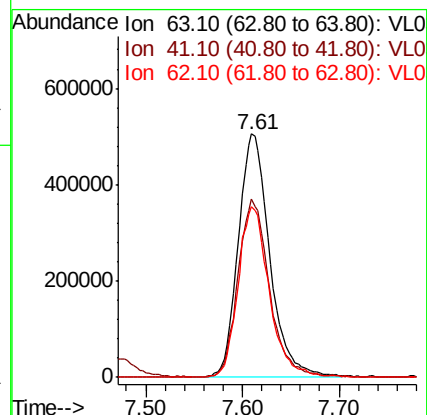
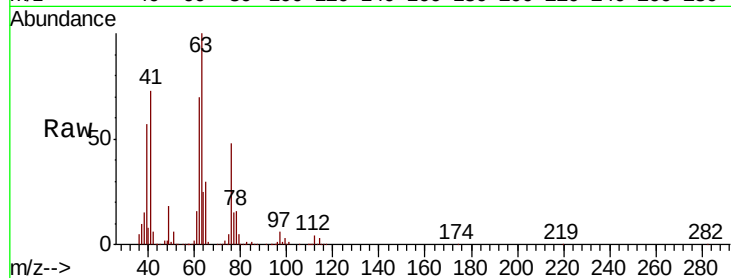
Tot Ion: 63 Resp: 1142027

Ion Ratio Lower Upper

63 100

41 73.1 56.4 84.6

62 69.8 54.6 82.0



#40

1,4-Dioxane

Concen: 9.896 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Tgt Ion: 88 Resp: 325020

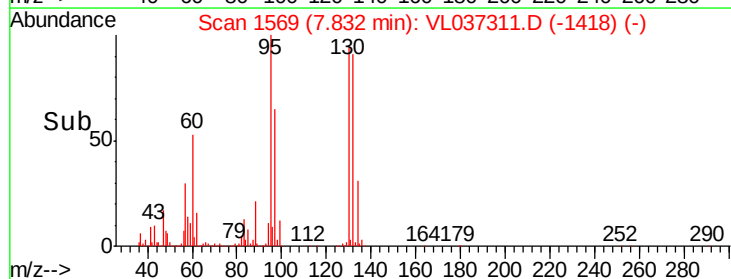
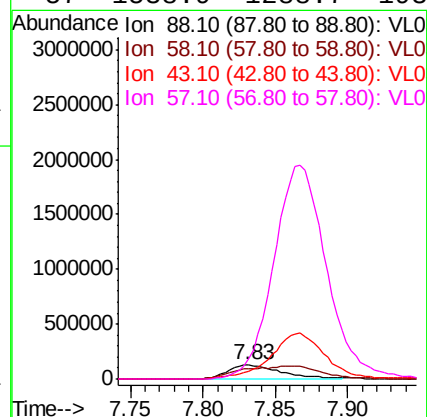
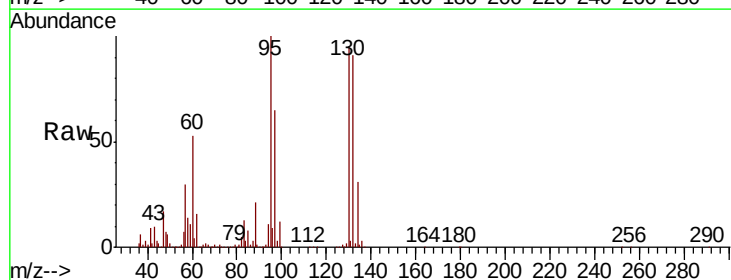
Ion Ratio Lower Upper

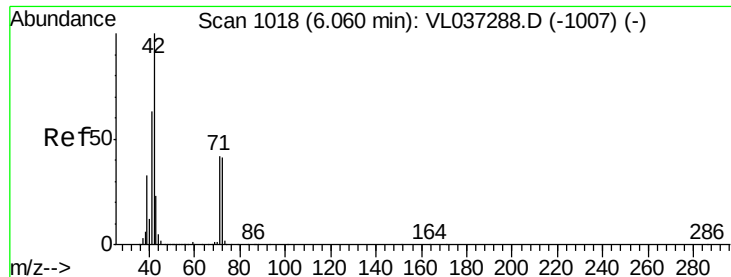
88 100

58 143.4 119.2 178.8

43 339.9 282.2 423.2

57 1538.9 1288.7 1933.1

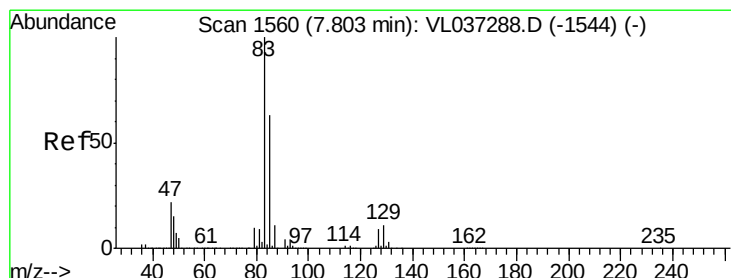
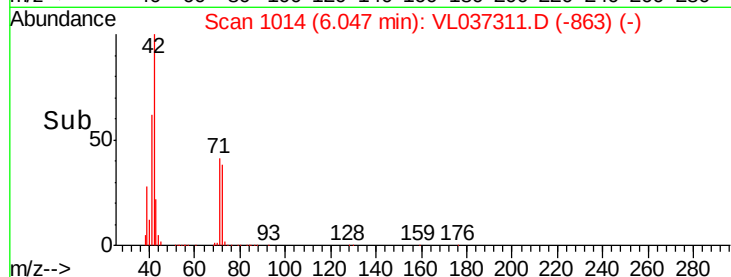
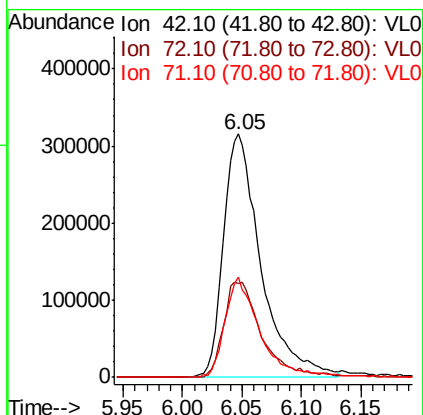
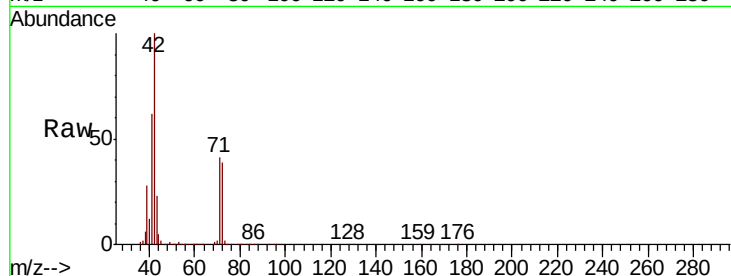




#41
Tetrahydrofuran
Concen: 11.180 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

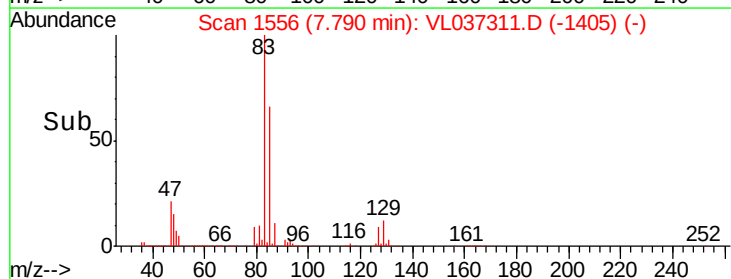
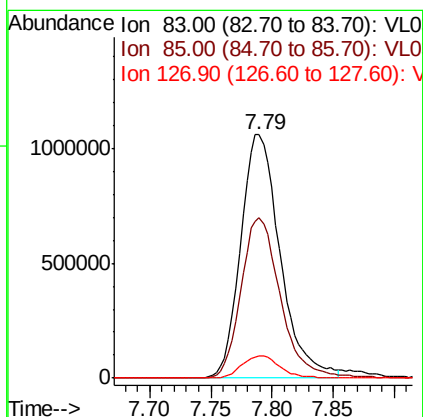
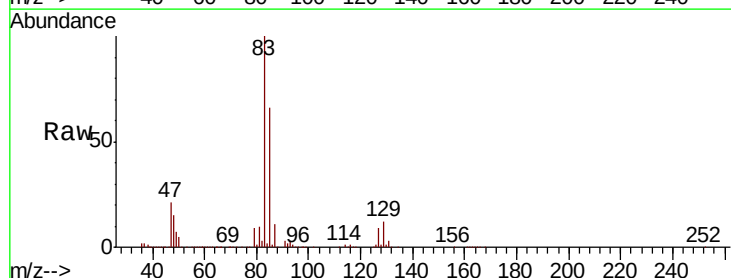
Instrument :
MSVOA_L
ClientSampleId :

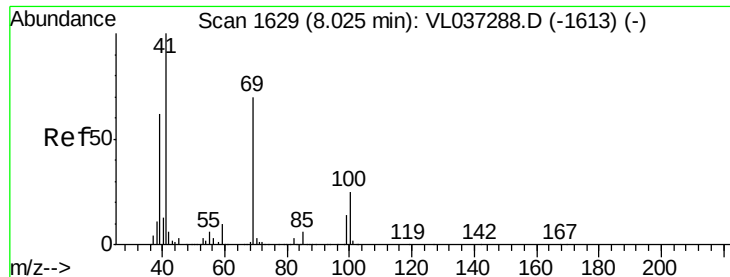
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.0	49.6
71	38.9	32.7	49.1



#42
Bromodichloromethane
Concen: 10.764 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7
127	9.1	7.0	10.6

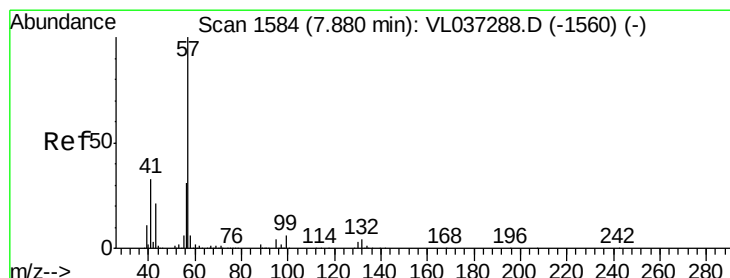
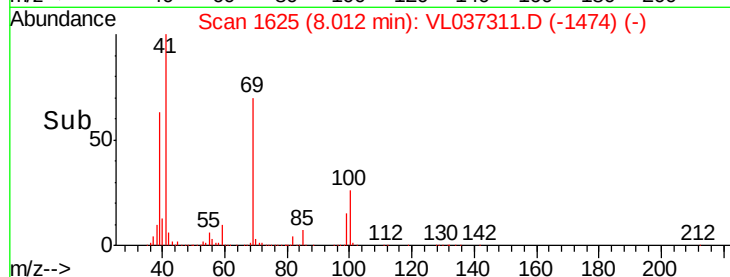
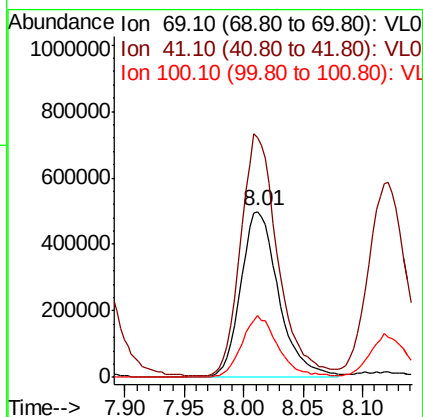
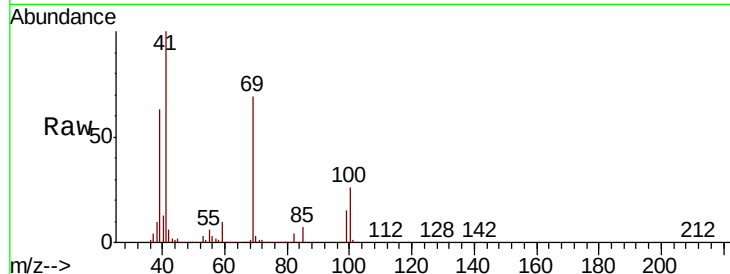




#43
Methvl Methacrylate
Concen: 10.904 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

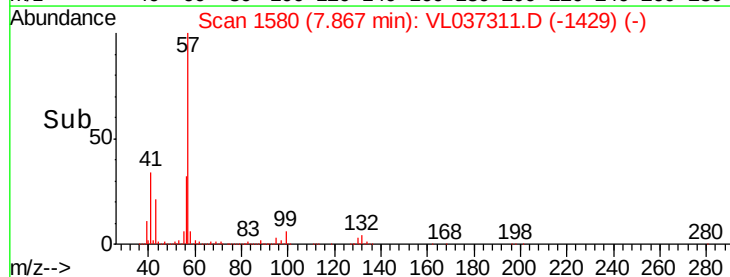
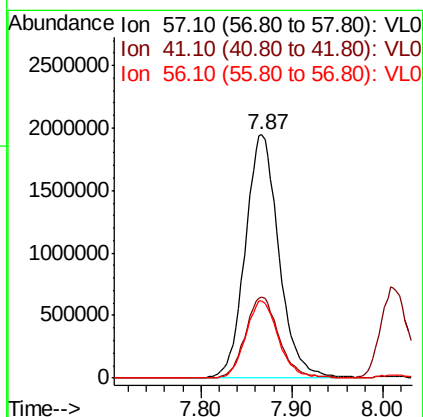
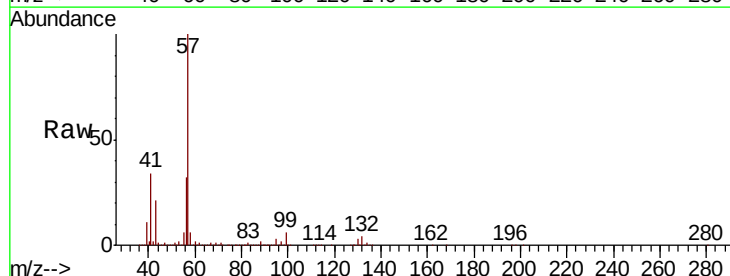
Instrument :
MSVOA_L
ClientSampleId :

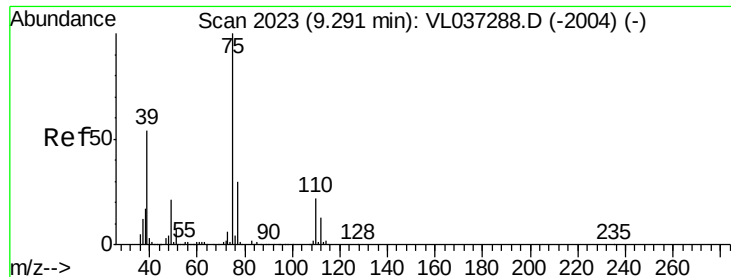
Tot Ion: 69 Resp: 1098746
Ion Ratio Lower Upper
69 100
41 144.9 116.5 174.7
100 35.8 28.7 43.1



#44
2,2,4-Trimethylpentane
Concen: 10.049 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 57 Resp: 4979979
Ion Ratio Lower Upper
57 100
41 33.2 26.6 40.0
56 31.1 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 12.129 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

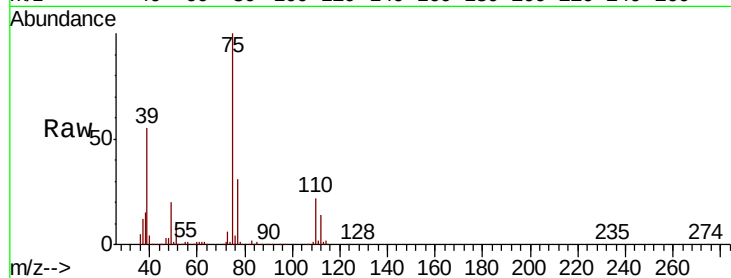
ClientSampled :

Tot Ion: 75 Resp: 1024203

Ion Ratio Lower Upper

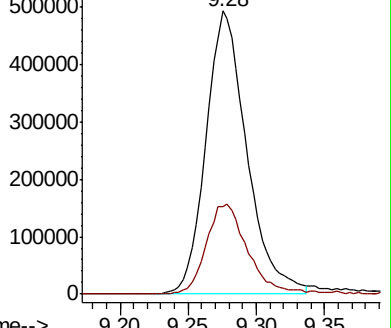
75 100

77 31.0 24.3 36.5

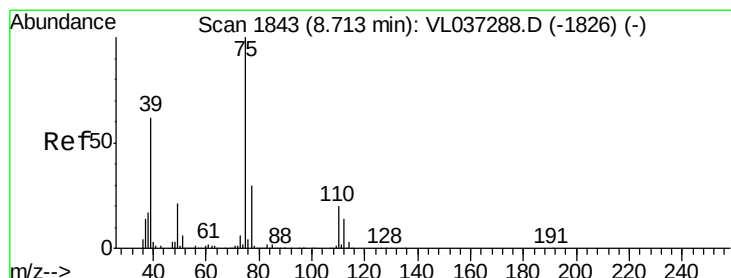
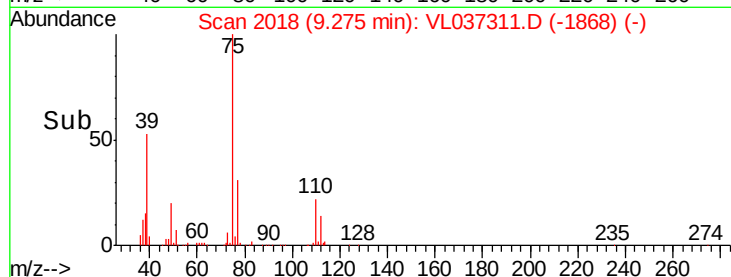


Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



Time-->



#46

cis-1,3-Dichloropropene

Concen: 11.700 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

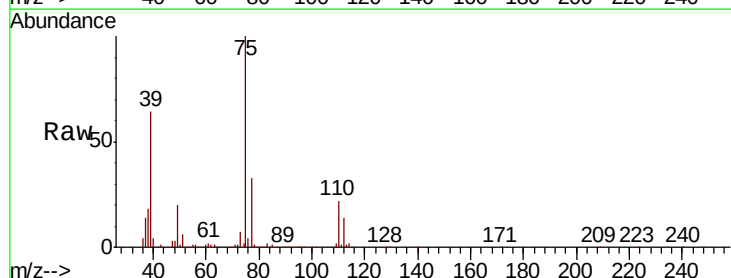
Tgt Ion: 75 Resp: 1332558

Ion Ratio Lower Upper

75 100

39 63.5 49.8 74.6

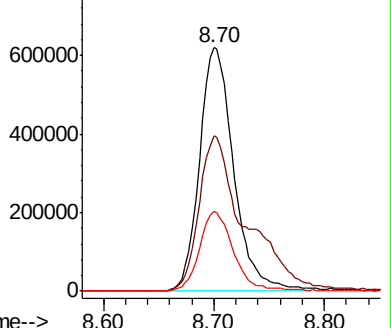
77 33.0 24.3 36.5



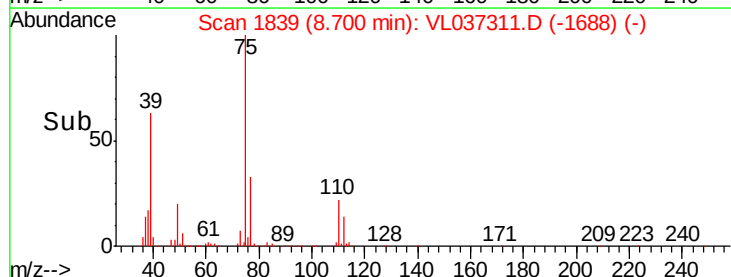
Abundance Ion 75.00 (74.70 to 75.70): VL0

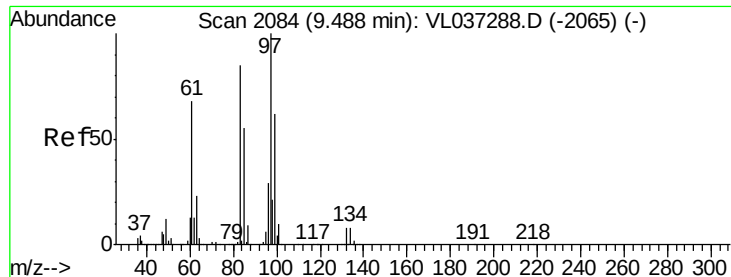
Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



Time-->





#47

1,1,2-Trichloroethane

Concen: 10.210 ppbv

RT: 9.47 min Scan# 2080

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

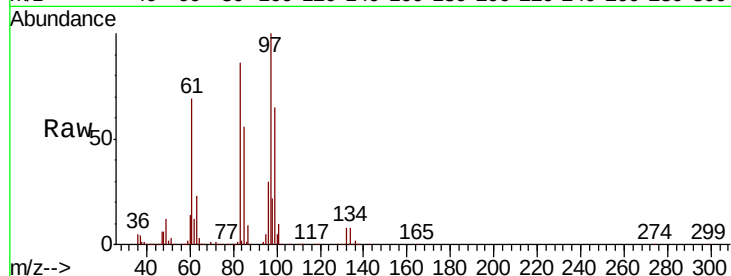
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 1305812

Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.7	101.5
85	56.1	43.8	65.6
99	65.3	49.9	74.9

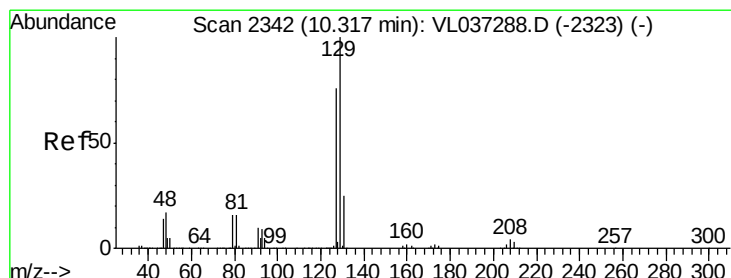
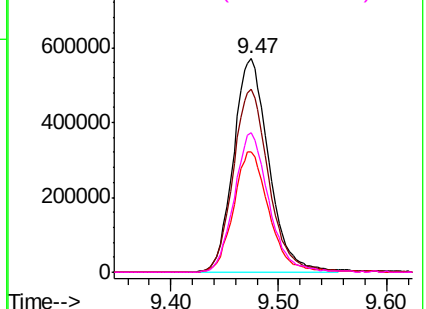
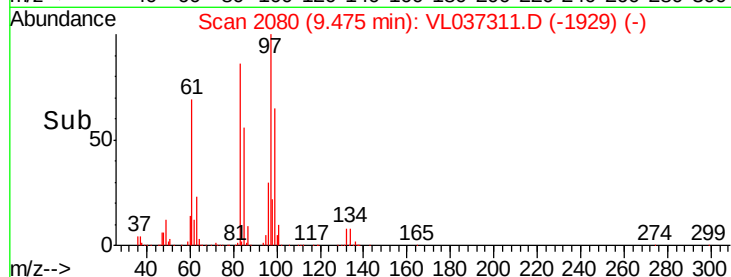


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 11.407 ppbv

RT: 10.30 min Scan# 2338

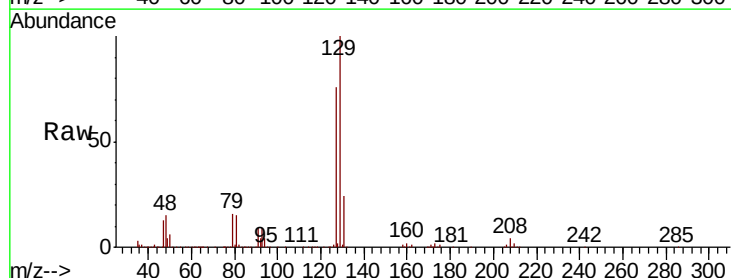
Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

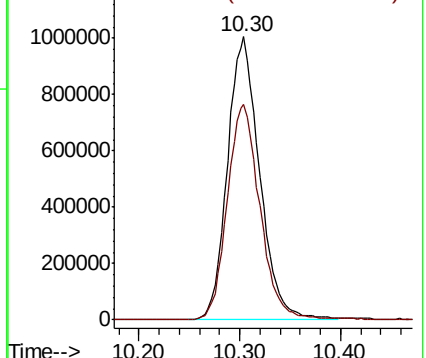
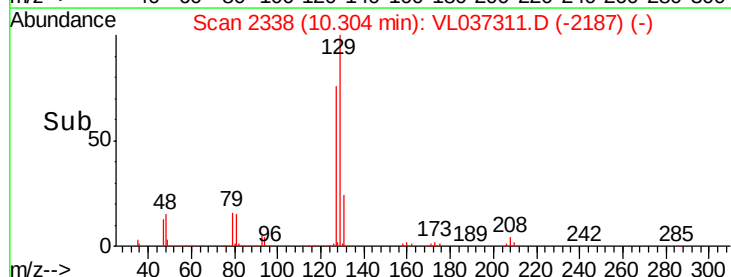
Tgt Ion: 129 Resp: 2233479

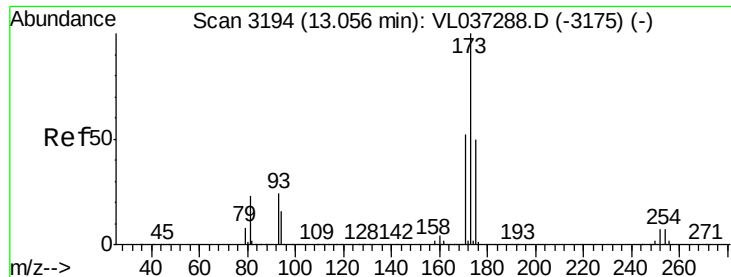
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.5	118.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 12.232 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampleId :

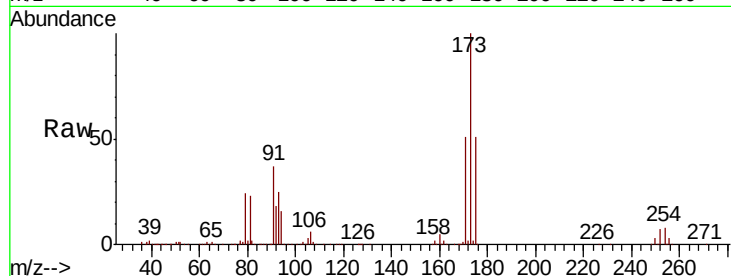
Tot Ion:173 Resp: 1860558

Ion Ratio Lower Upper

173 100

175 51.1 40.4 60.6

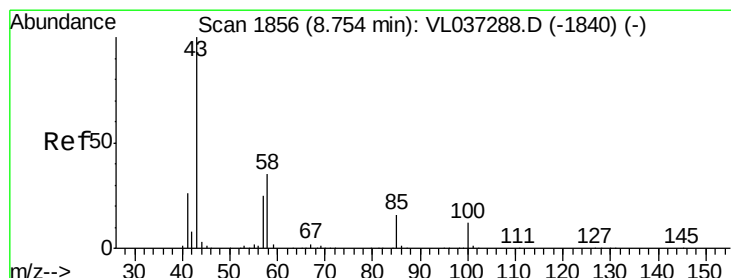
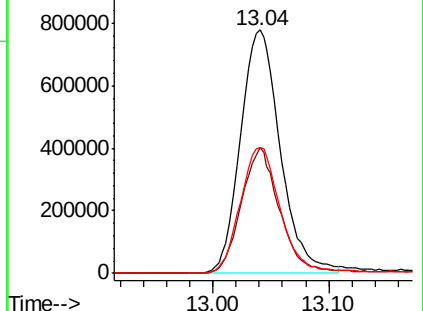
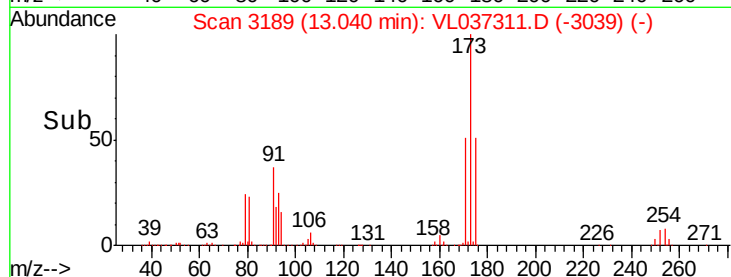
171 53.7 43.3 64.9



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.280 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VL037311.D

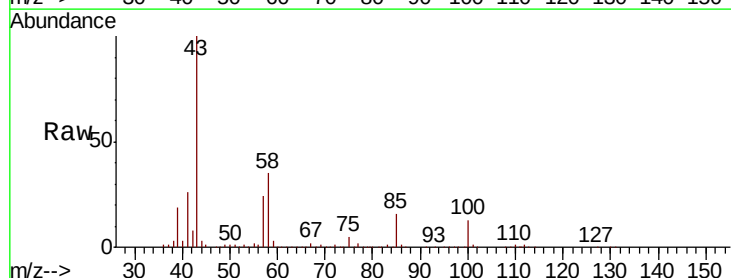
Acq: 31 Jul 2021 9:55

Tgt Ion: 43 Resp: 2000074

Ion Ratio Lower Upper

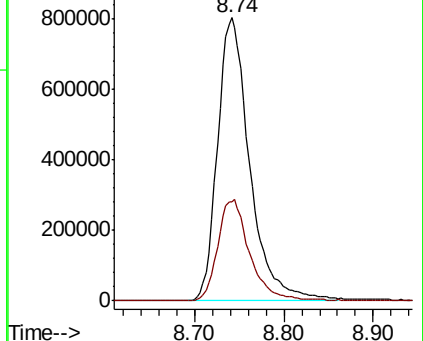
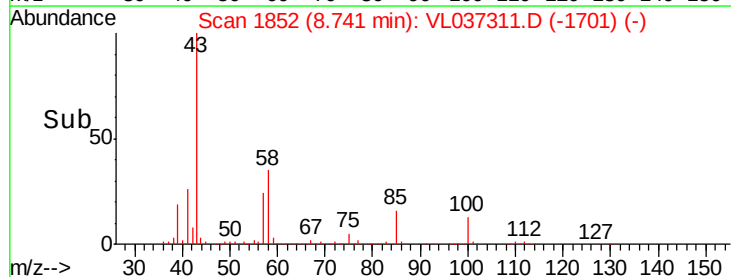
43 100

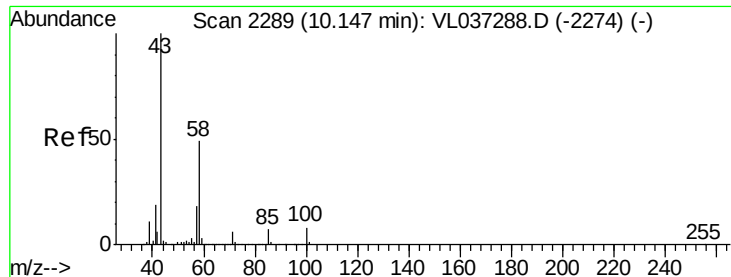
58 36.0 29.2 43.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

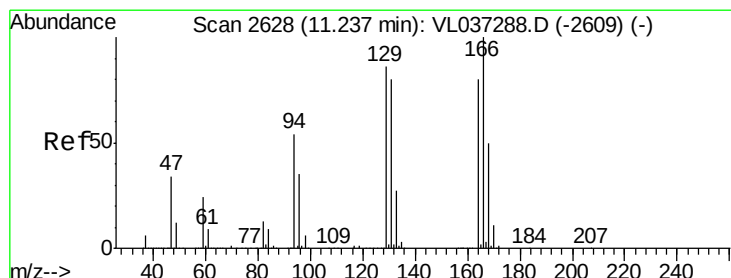
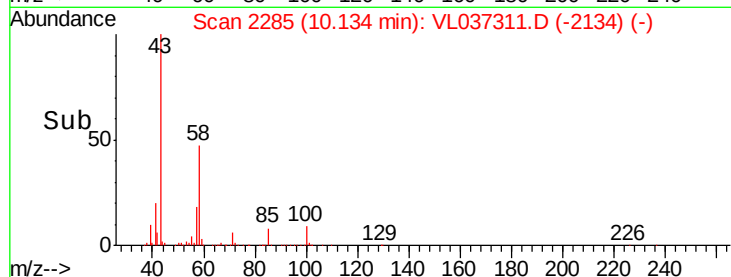
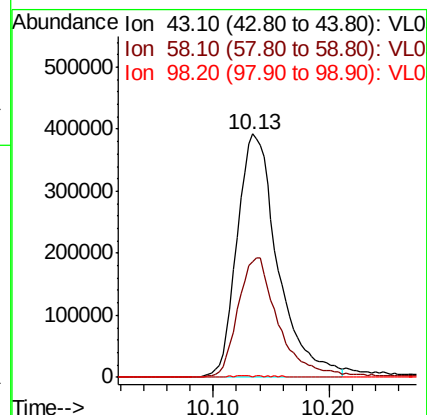
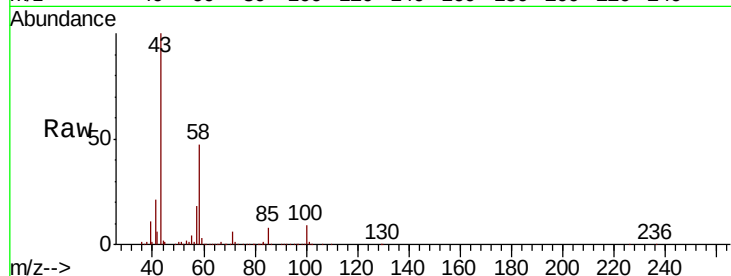




#51
2-Hexanone
Concen: 10.610 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

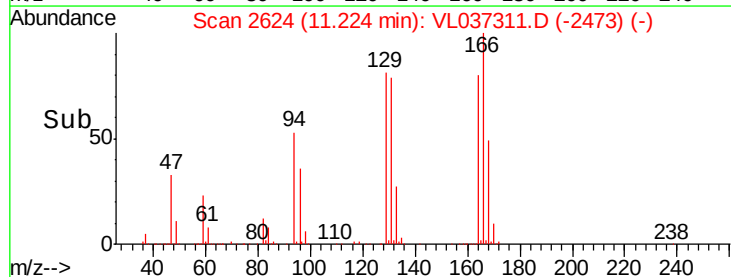
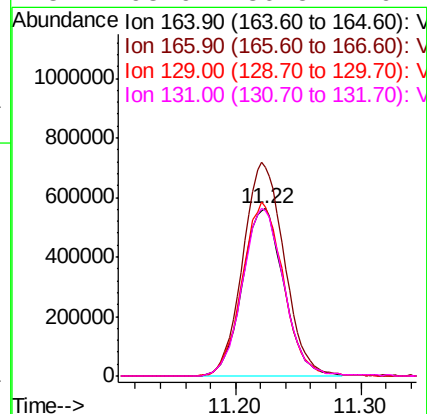
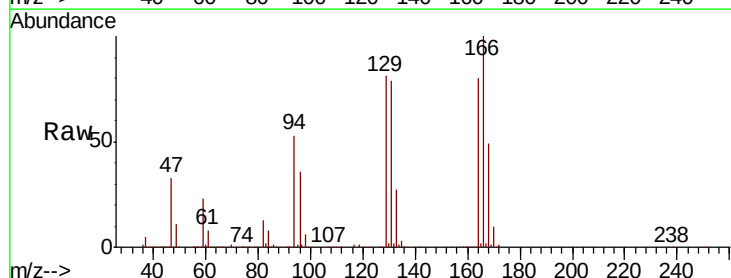
Instrument :
MSVOA_L
ClientSampled :

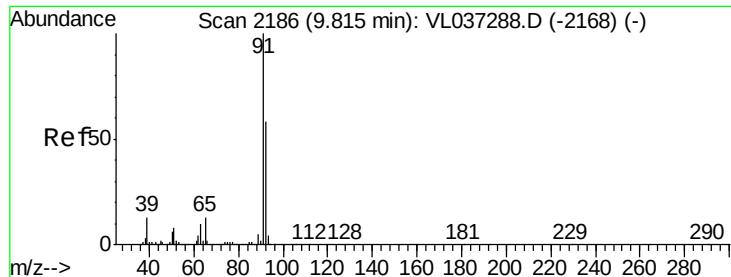
Tot Ion: 43 Resp: 953045
Ion Ratio Lower Upper
43 100
58 50.4 39.0 58.4
98 0.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 9.634 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 164 Resp: 1287444
Ion Ratio Lower Upper
164 100
166 124.5 100.4 150.6
129 100.6 86.2 129.4
131 98.9 80.5 120.7





#53

Toluene

Concen: 10.365 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

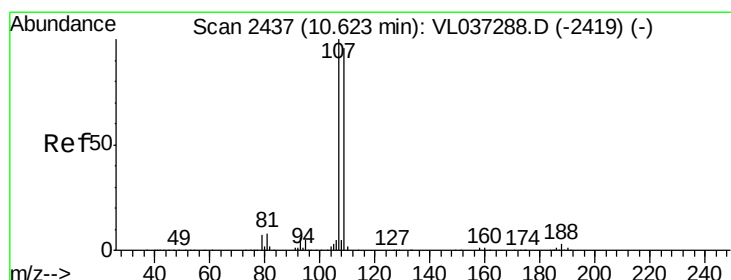
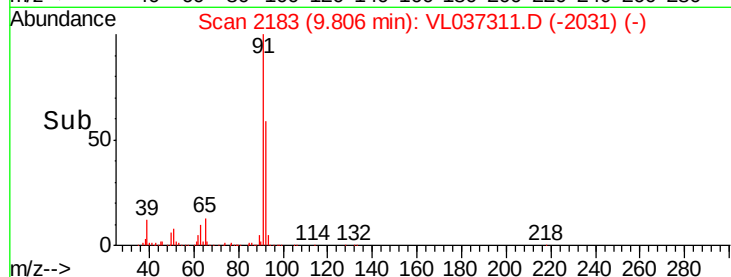
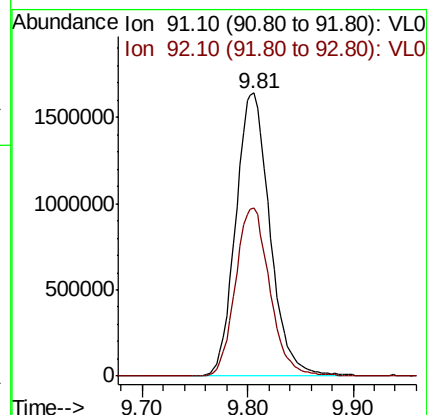
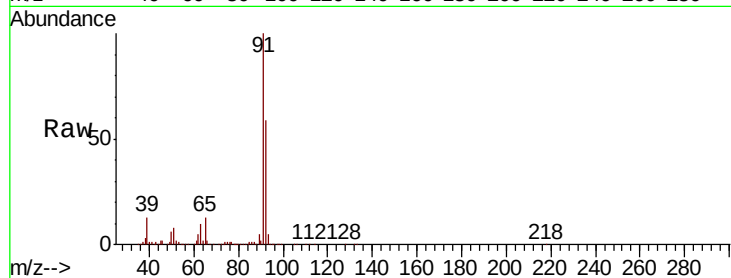
ClientSampleId :

Tot Ion: 91 Resp: 3693968

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.2



#54

1,2-Dibromoethane

Concen: 10.675 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL037311.D

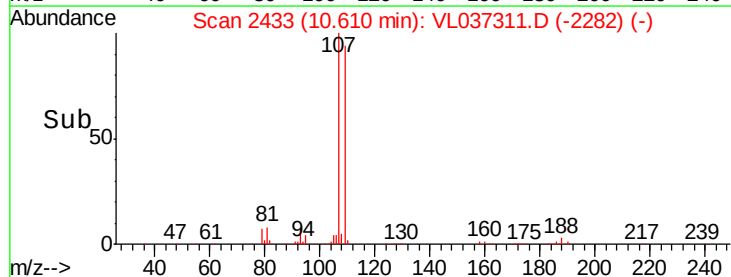
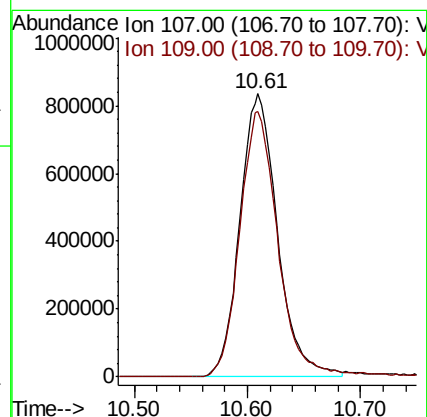
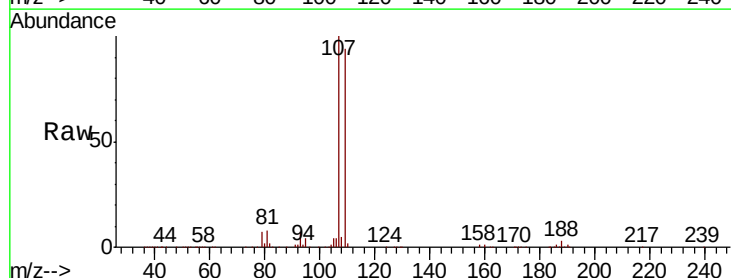
Acq: 31 Jul 2021 9:55

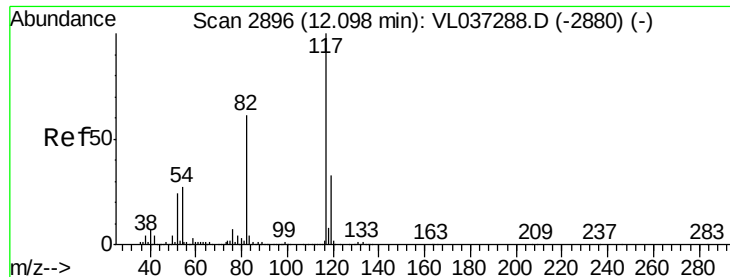
Tgt Ion: 107 Resp: 1930168

Ion Ratio Lower Upper

107 100

109 93.9 77.0 115.4

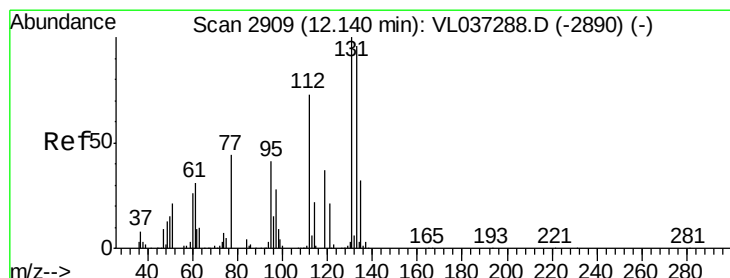
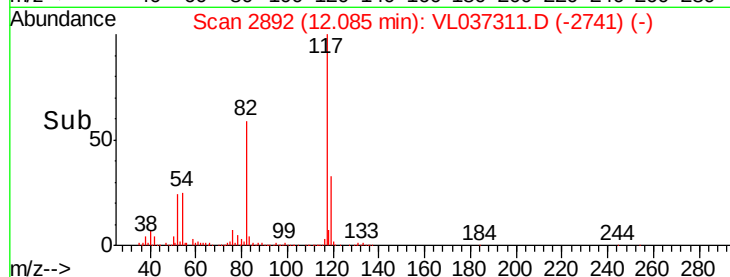
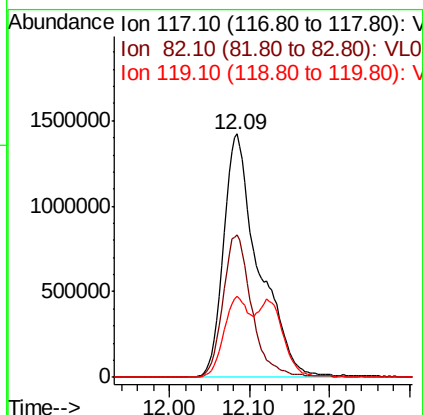
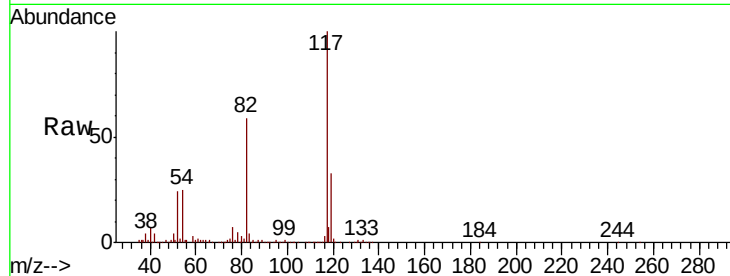




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

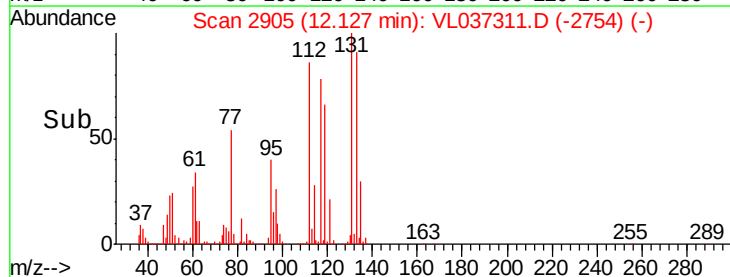
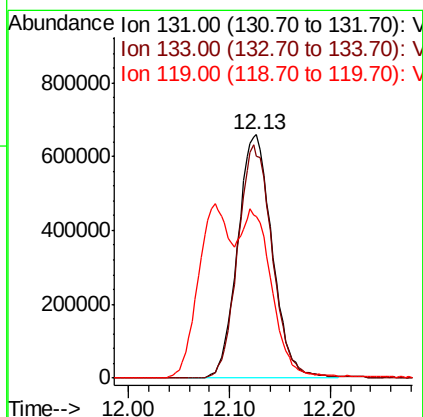
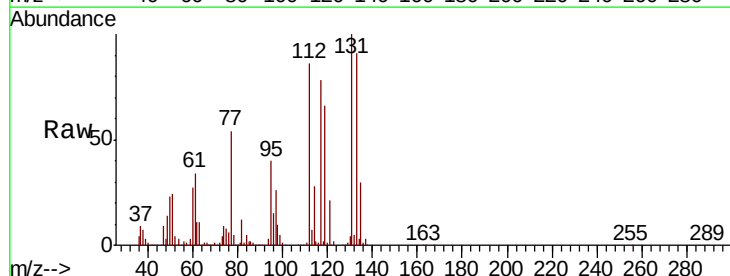
Instrument :
MSVOA_L
ClientSampleId :

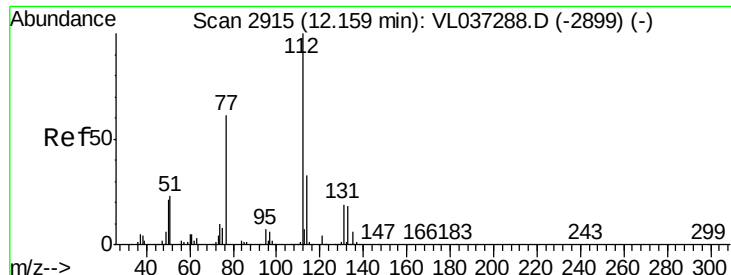
Tot Ion:117 Resp: 4303713
Ion Ratio Lower Upper
117 100
82 48.3 47.2 70.8
119 26.0 45.8 68.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.292 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion:131 Resp: 1562133
Ion Ratio Lower Upper
131 100
133 96.5 77.4 116.2
119 70.2 51.0 76.4

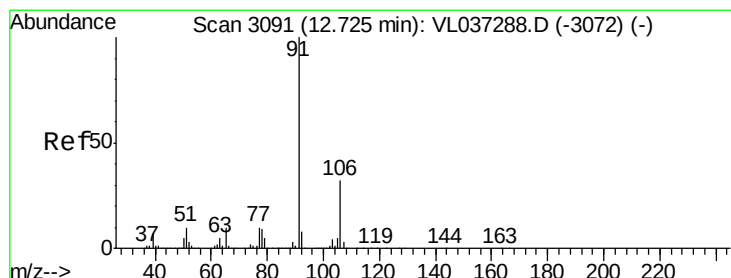
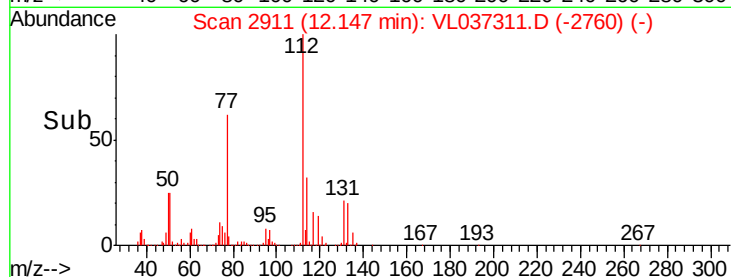
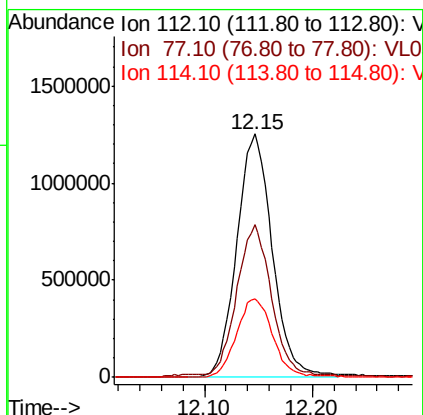
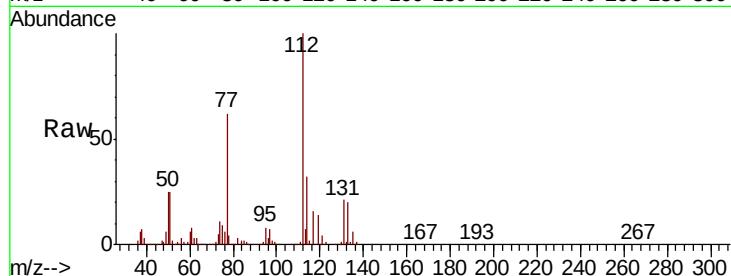




#57
Chlorobenzene
Concen: 8.009 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

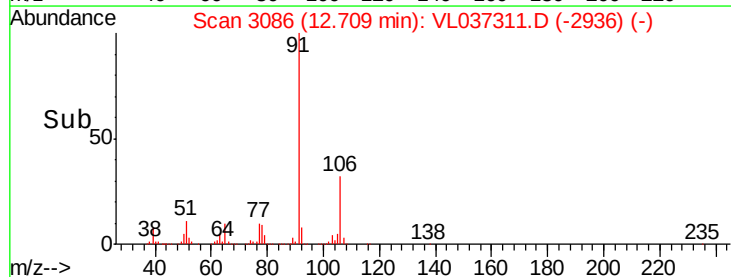
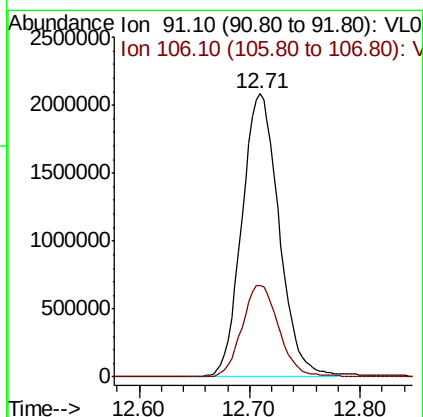
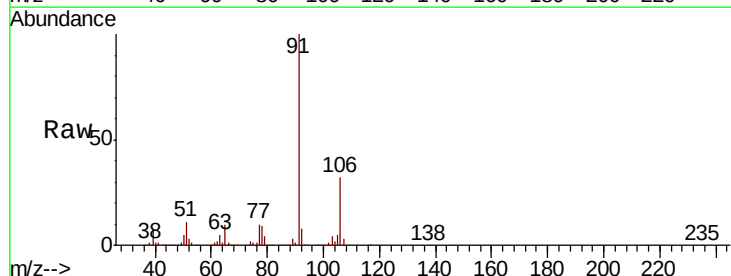
Instrument :
MSVOA_L
ClientSampleId :

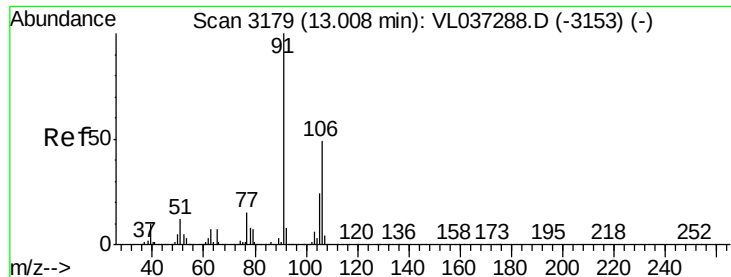
Tot Ion:112 Resp: 2883384
Ion Ratio Lower Upper
112 100
77 61.7 49.0 73.6
114 32.1 29.3 35.9



#58
Ethyl Benzene
Concen: 8.224 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.02 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 91 Resp: 4866029
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0

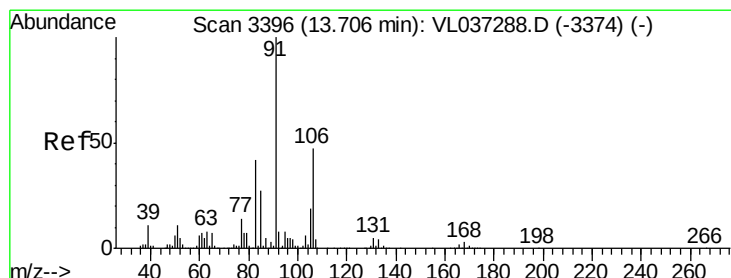
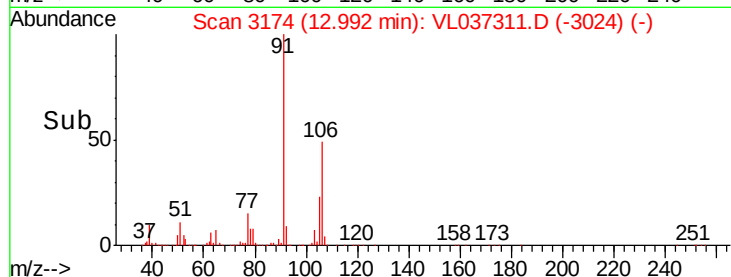
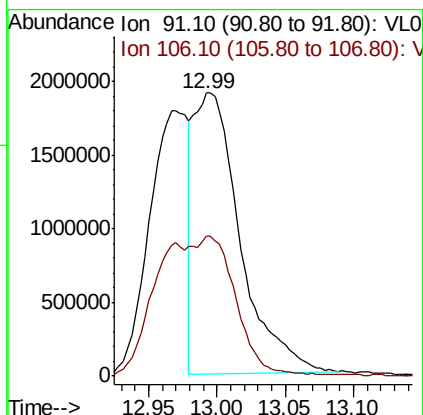
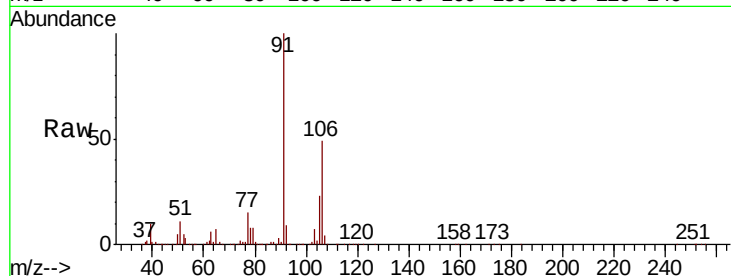




#59
m/p-Xylene
Concen: 8.801 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.02 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

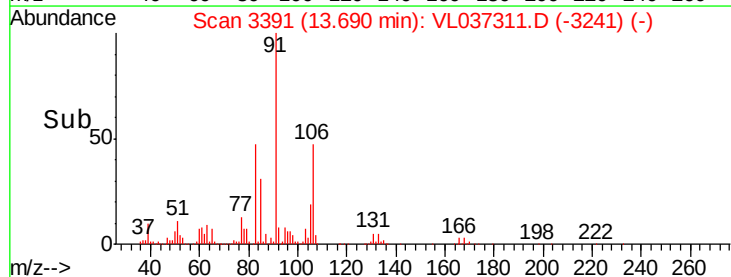
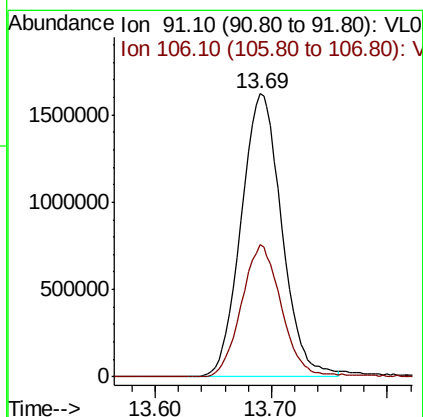
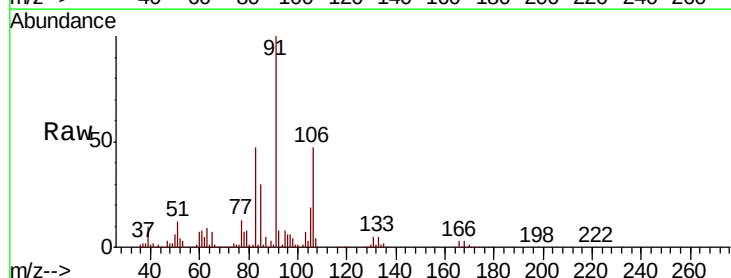
Instrument :
MSVOA_L
ClientSampled :

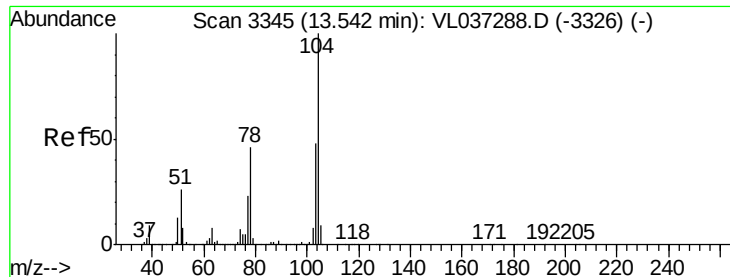
Tot Ion: 91 Resp: 4483162
Ion Ratio Lower Upper
91 100
106 85.4 37.3 55.9#



#60
o-Xylene
Concen: 8.092 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.02 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion: 91 Resp: 3939014
Ion Ratio Lower Upper
91 100
106 46.7 23.4 70.0

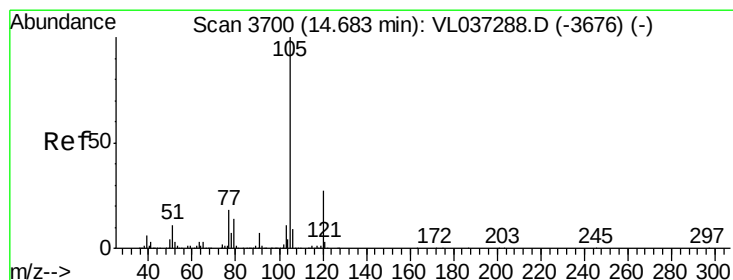
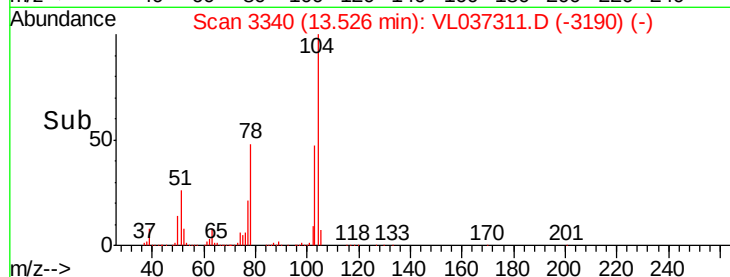
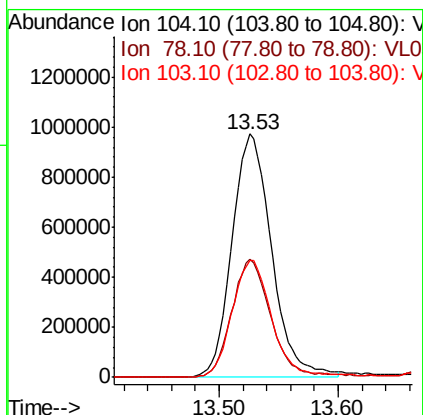
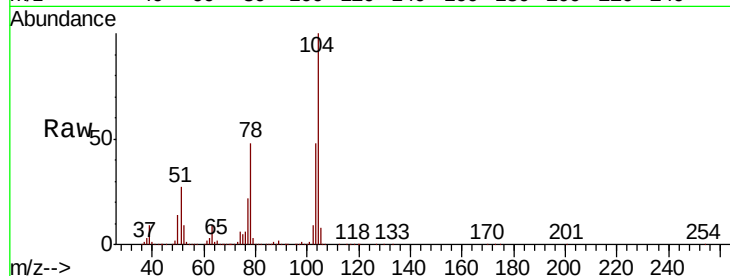




#61
Stvrene
Concen: 9.014 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.02 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

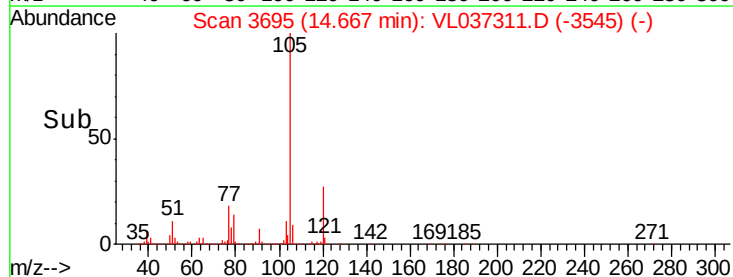
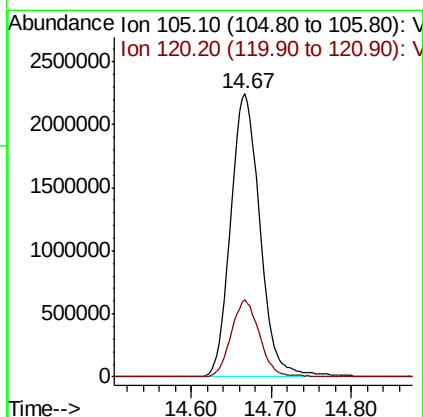
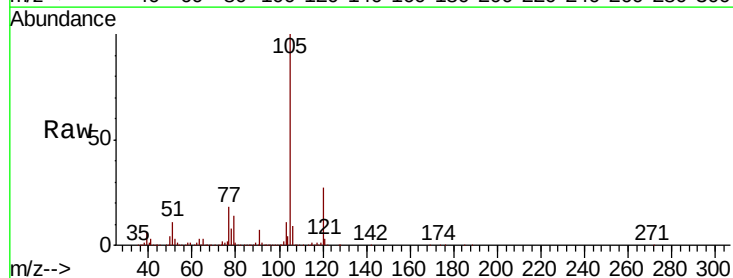
Instrument :
MSVOA_L
ClientSampleId :

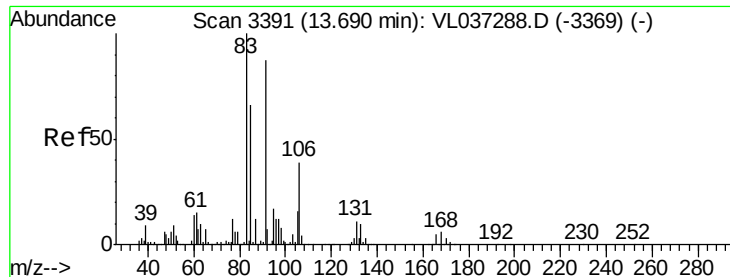
Tot Ion:104 Resp: 2242954
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 48.8 38.6 58.0



#62
Isopropylbenzene
Concen: 8.124 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.02 min
Lab File: VL037311.D
Acq: 31 Jul 2021 9:55

Tgt Ion:105 Resp: 5585808
Ion Ratio Lower Upper
105 100
120 26.6 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.970 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampled :

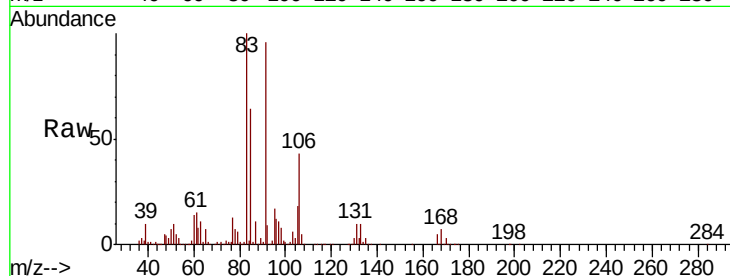
Tot Ion: 83 Resp: 2736391

Ion Ratio Lower Upper

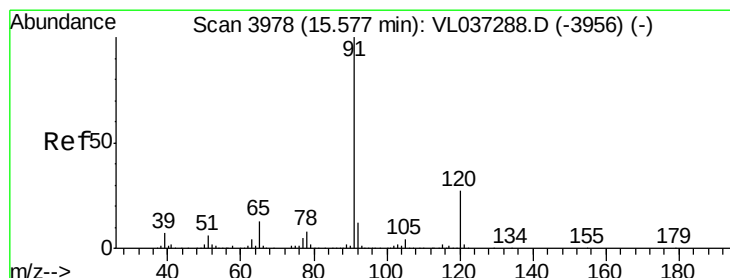
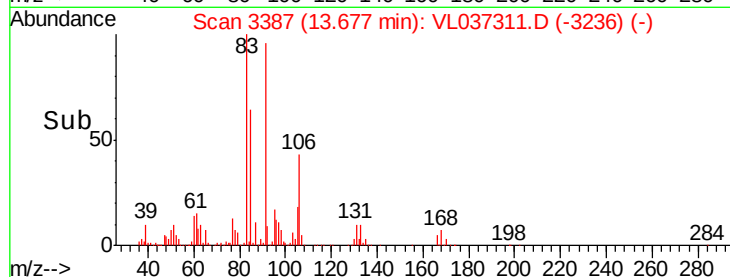
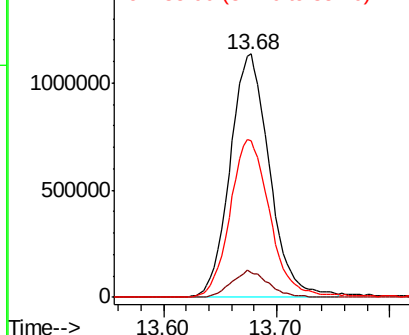
83 100

131 10.6 5.5 16.5

85 66.9 33.6 100.8



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: 8.376 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. -0.02 min

Lab File: VL037311.D

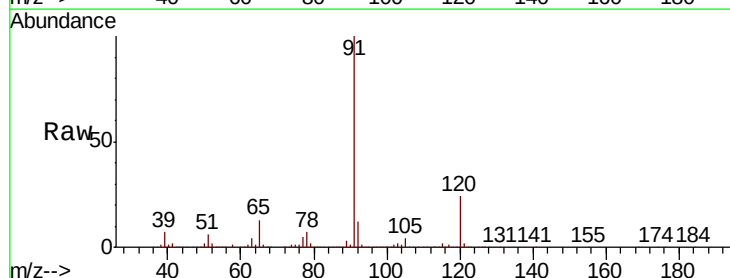
Acq: 31 Jul 2021 9:55

Tgt Ion:120 Resp: 1493285

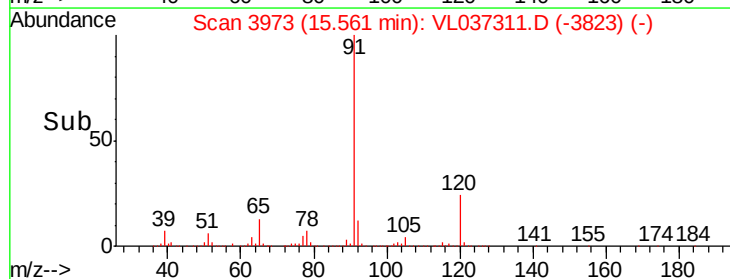
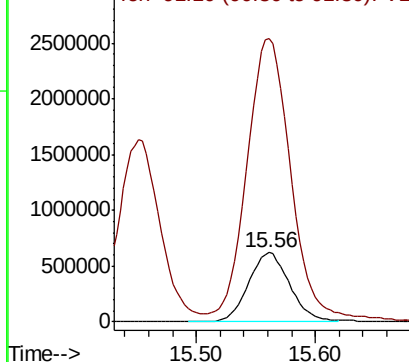
Ion Ratio Lower Upper

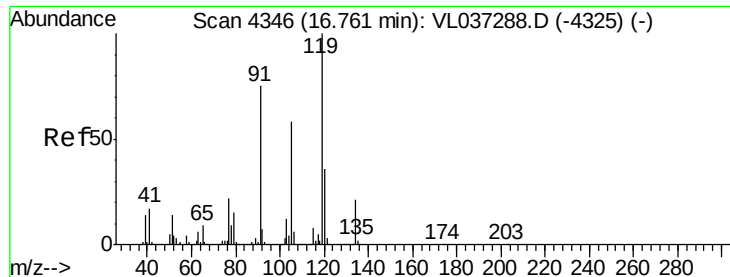
120 100

91 440.3 347.0 520.4



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





#65

tert-Butylbenzene

Concen: 8.046 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampled :

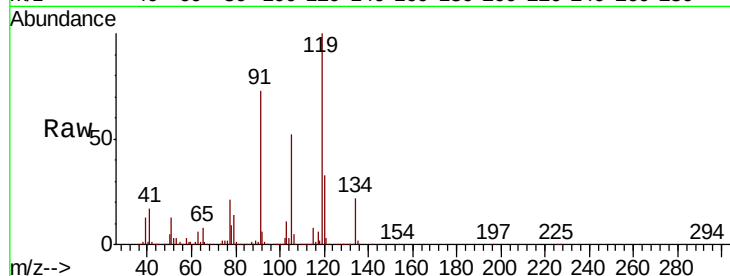
Tot Ion:119 Resp: 5120201

Ion Ratio Lower Upper

119 100

91 75.1 60.5 90.7

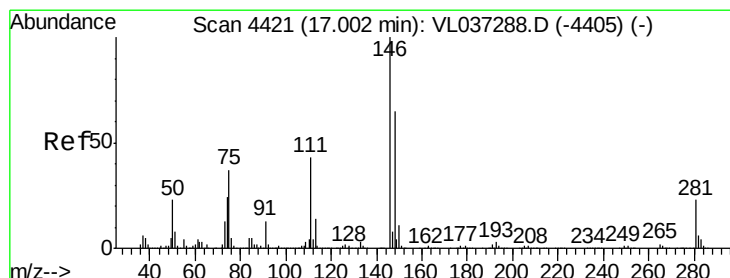
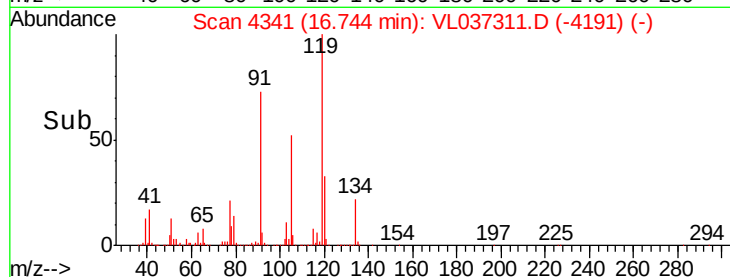
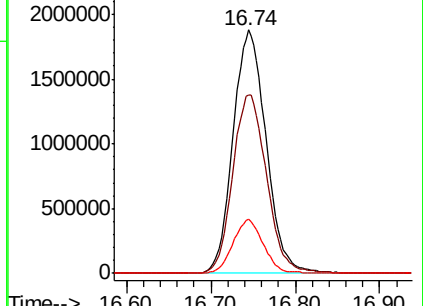
134 20.4 16.2 24.4



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 5.090 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

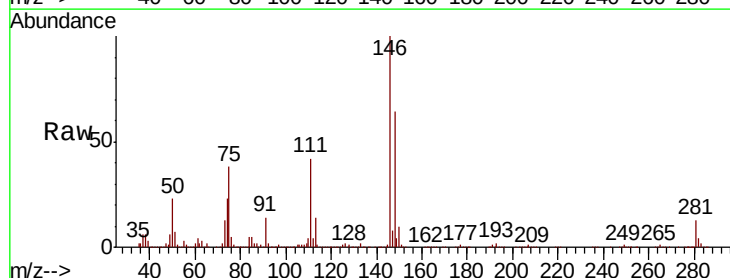
Tgt Ion: 91 Resp: 159181

Ion Ratio Lower Upper

91 100

126 0.0 15.4 23.0#

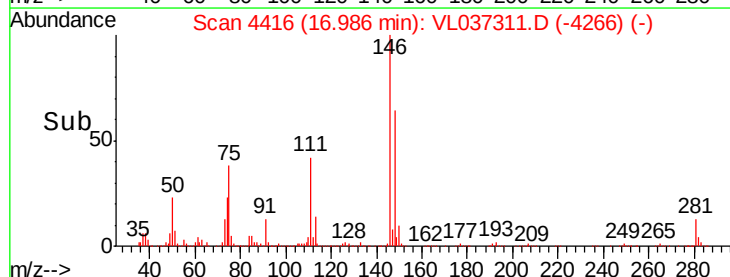
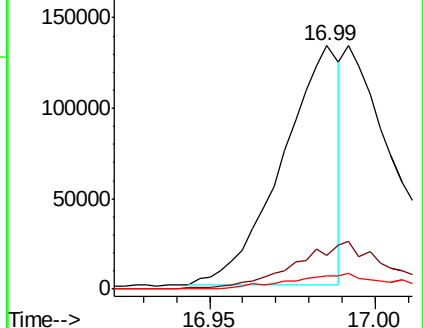
128 0.0 5.0 7.4#

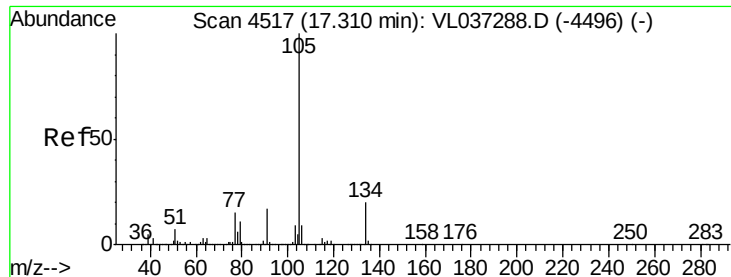


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.101 ppbv

RT: 17.29 min Scan# 4512

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

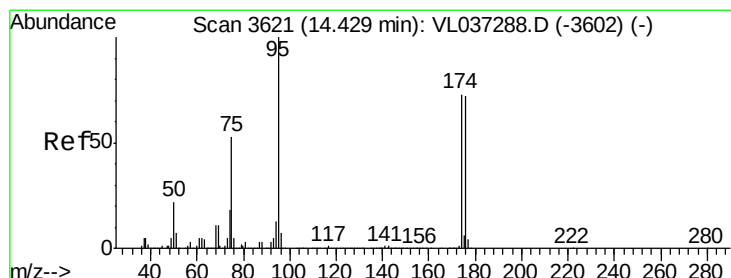
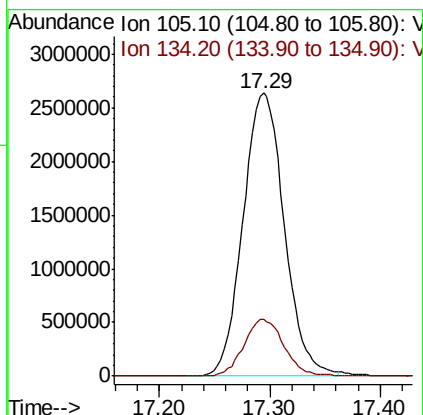
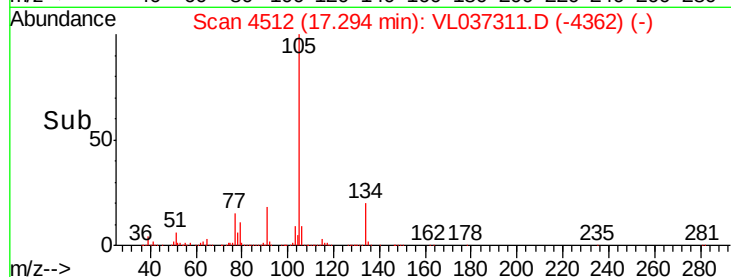
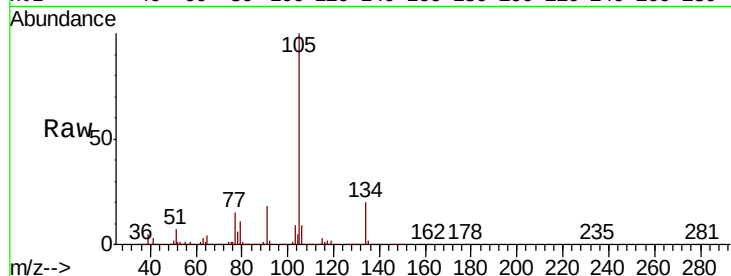
ClientSampleId :

Tot Ion:105 Resp: 6816389

Ion Ratio Lower Upper

105 100

134 19.7 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 8.115 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

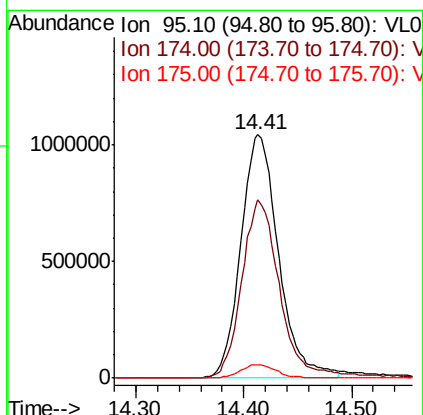
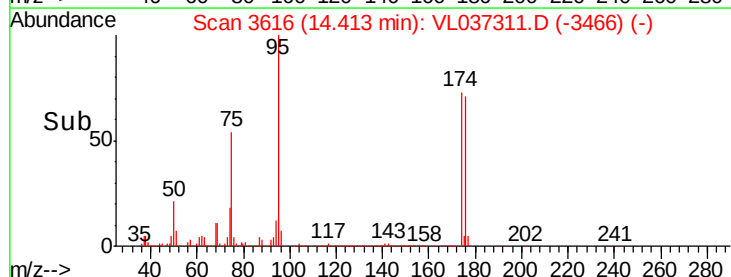
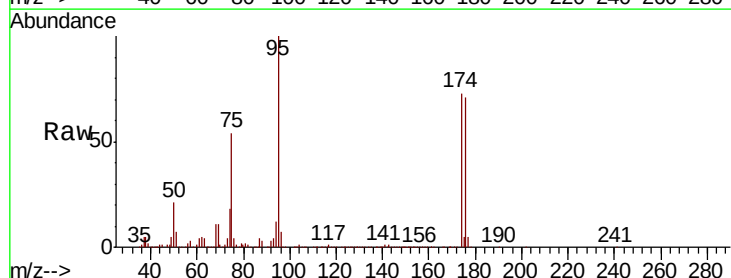
Tgt Ion: 95 Resp: 2540829

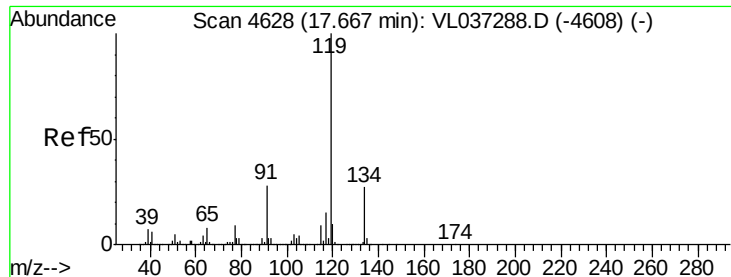
Ion Ratio Lower Upper

95 100

174 75.3 59.8 89.6

175 5.4 4.5 6.7

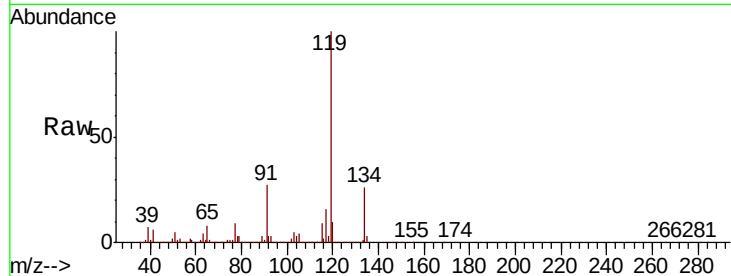




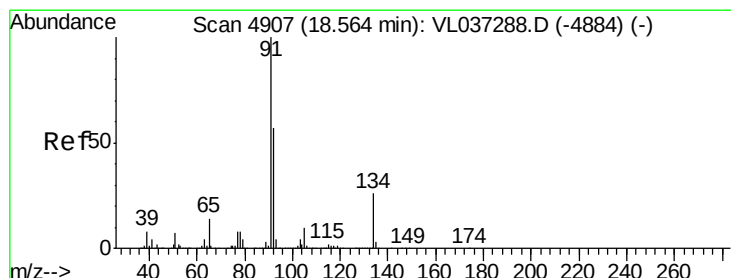
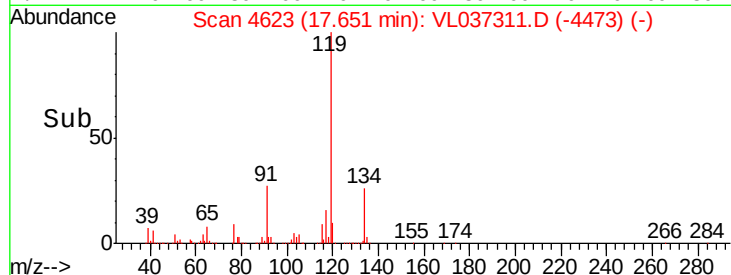
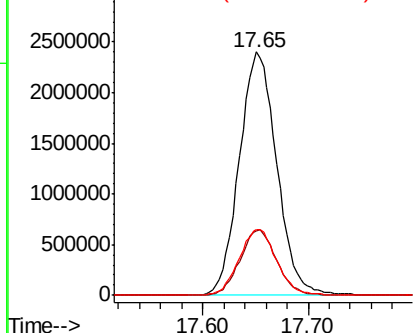
#69
 p-Isopropyltoluene
 Concen: 8.227 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 5926251
 Ion Ratio Lower Upper
 119 100
 134 26.3 21.1 31.7
 91 27.0 21.8 32.6

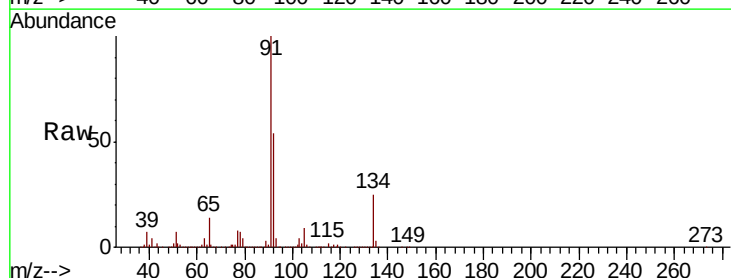


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

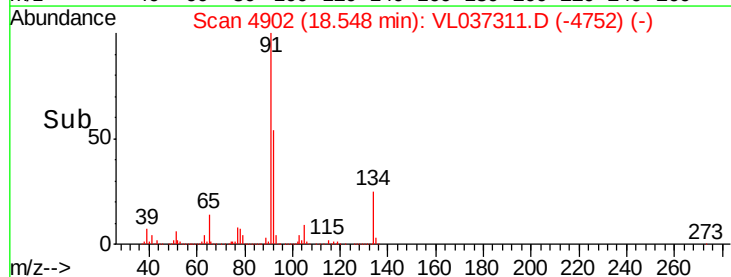
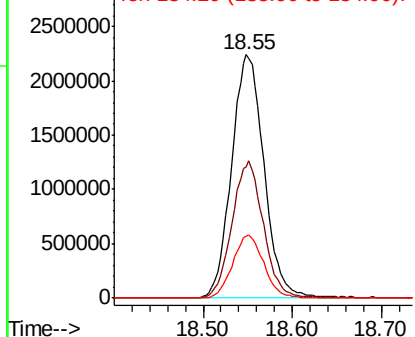


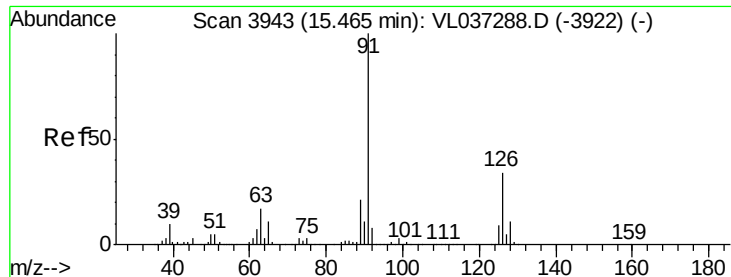
#70
 n-Butylbenzene
 Concen: 8.289 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion: 91 Resp: 5634512
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.6 65.4
 134 25.0 20.3 30.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V

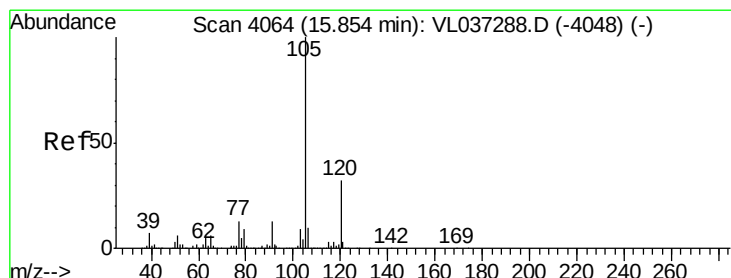
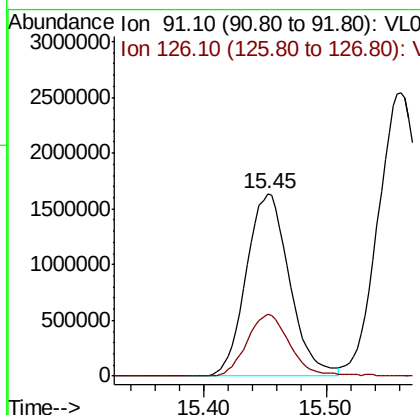
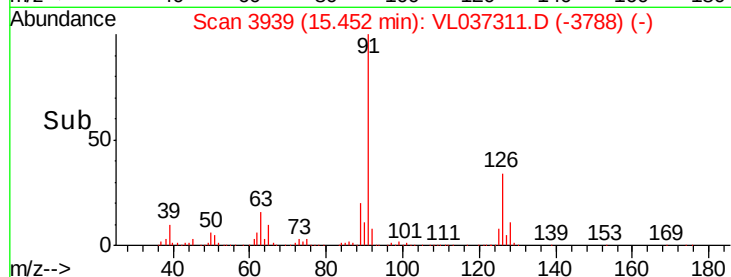
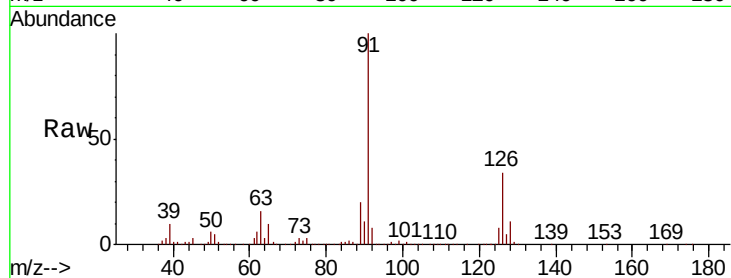




#71
 2-Chlorotoluene
 Concen: 8.188 ppbv
 RT: 15.45 min Scan# 3939
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

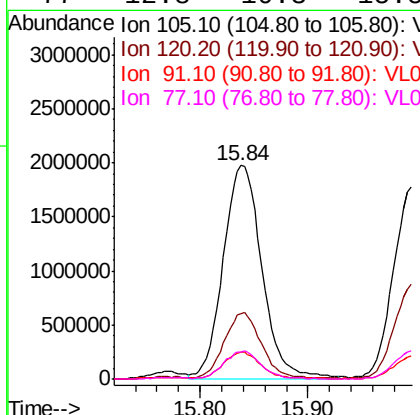
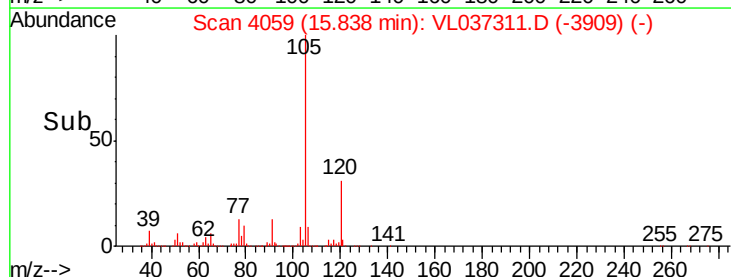
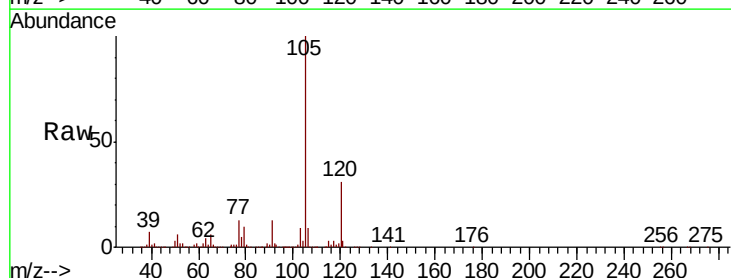
Instrument :
 MSVOA_L
 ClientSampled :

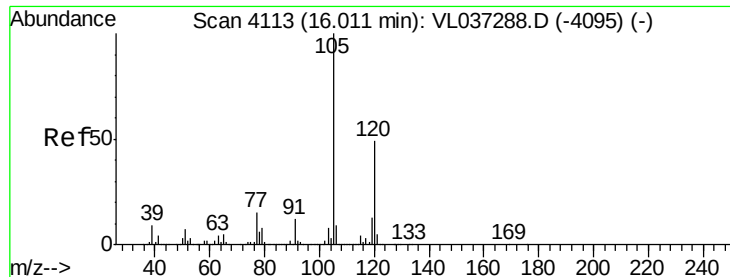
Tot Ion: 91 Resp: 4012403
 Ion Ratio Lower Upper
 91 100
 126 34.3 13.8 55.2



#72
 4-Ethyltoluene
 Concen: 8.564 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion: 105 Resp: 4936478
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.3 36.5
 91 11.9 9.6 14.4
 77 12.8 10.3 15.5

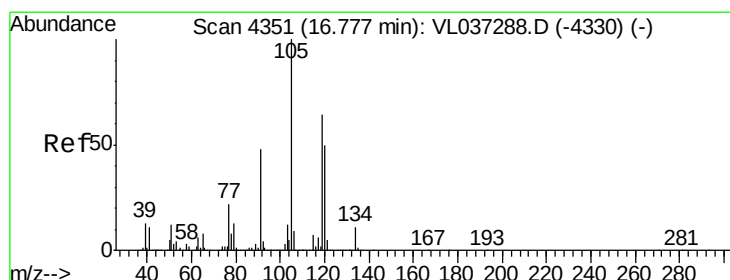
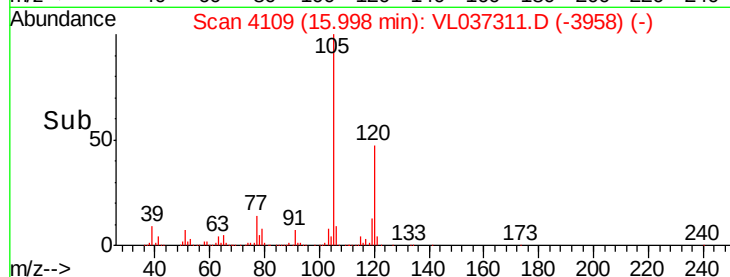
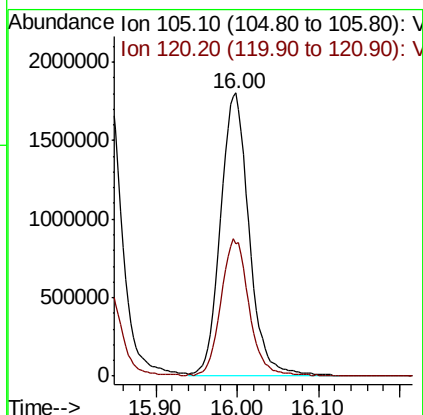
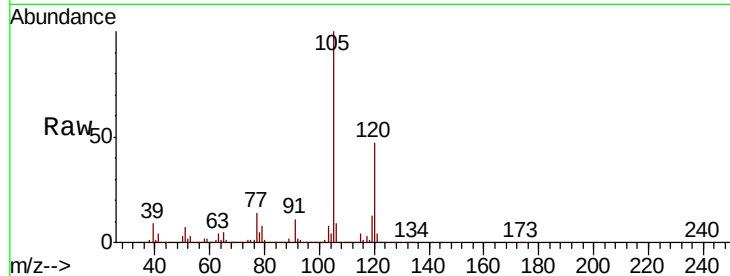




#73
 1,3,5-Trimethylbenzene
 Concen: 8.327 ppbv
 RT: 16.00 min Scan# 4109
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

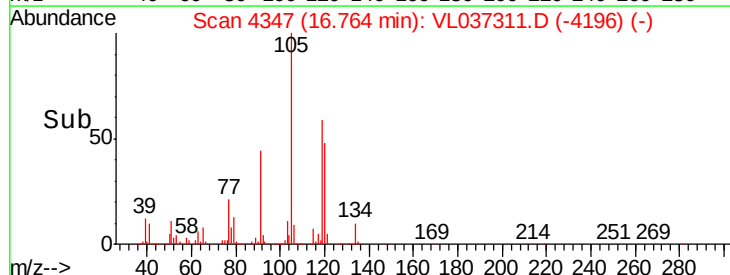
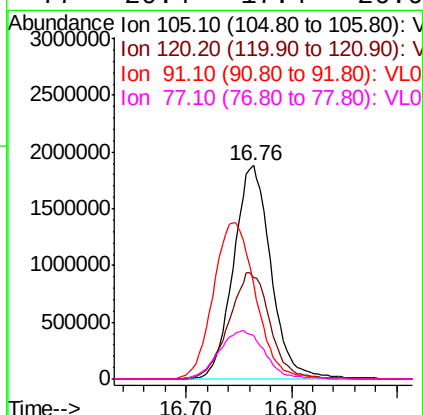
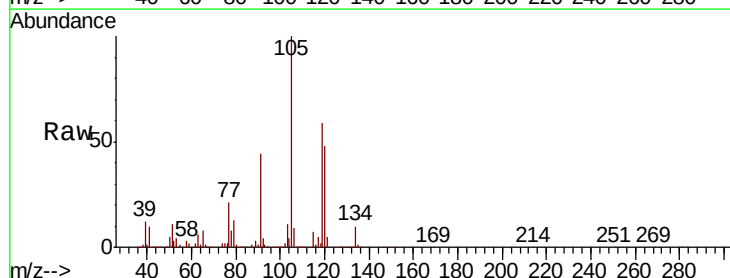
Instrument :
 MSVOA_L
 ClientSampleId :

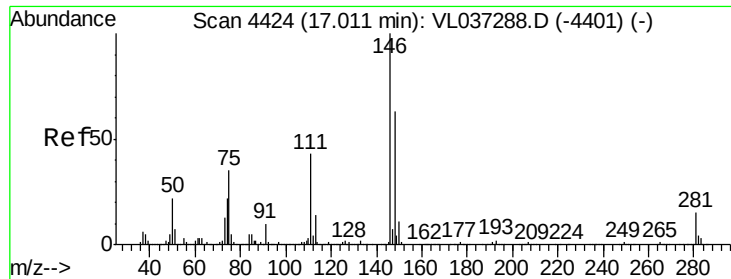
Tot Ion:105 Resp: 4433310
 Ion Ratio Lower Upper
 105 100
 120 46.7 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 7.836 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion:105 Resp: 4599434
 Ion Ratio Lower Upper
 105 100
 120 47.3 40.2 60.4
 91 43.9 39.0 58.6
 77 20.4 17.4 26.0

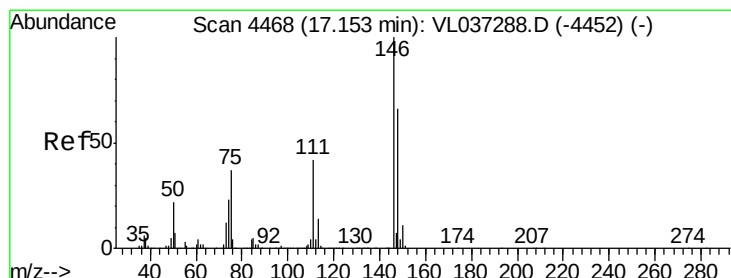
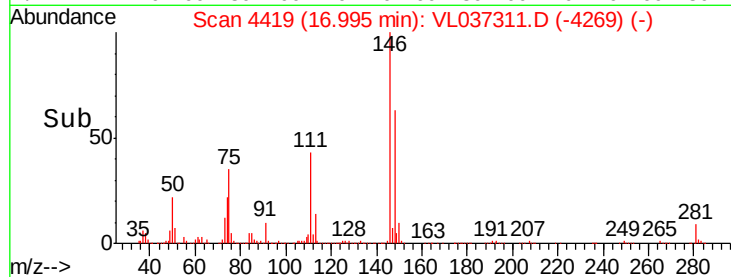
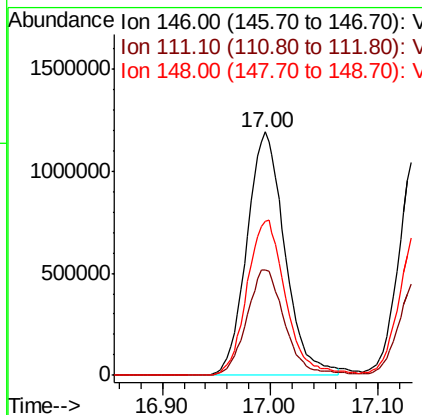
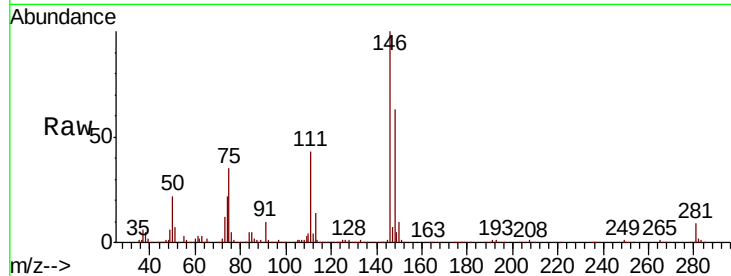




#75
 1,3-Dichlorobenzene
 Concen: 8.224 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

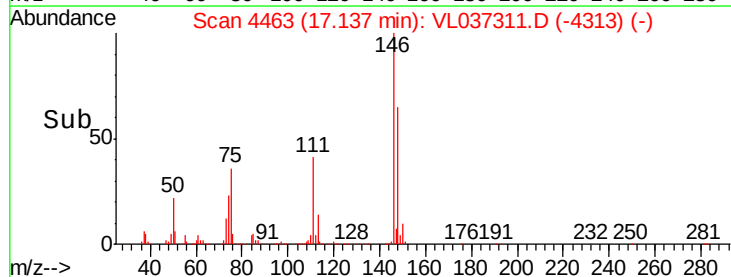
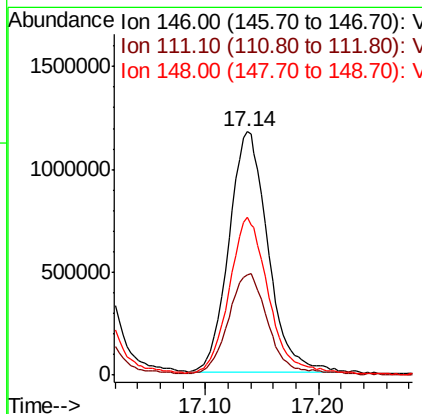
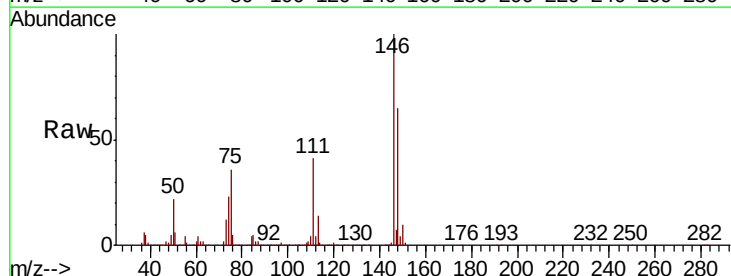
Instrument :
 MSVOA_L
 ClientSampleId :

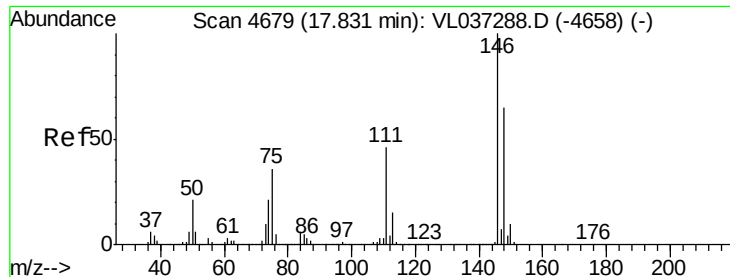
Tot Ion:146 Resp: 2902570
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 65.3 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 7.651 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion:146 Resp: 2787979
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.2 63.6
 148 67.5 32.9 98.6

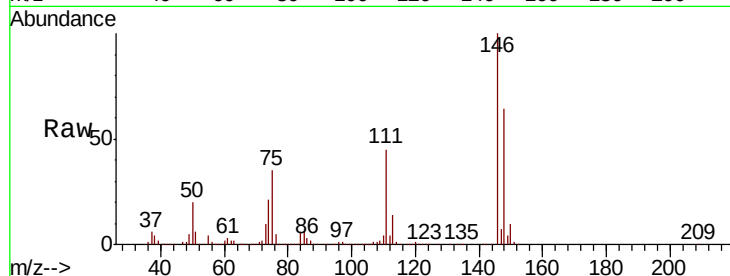




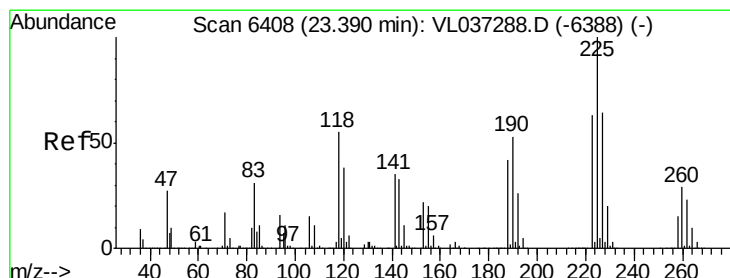
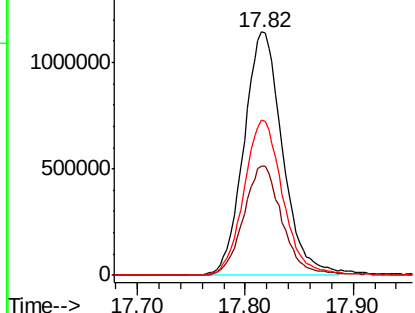
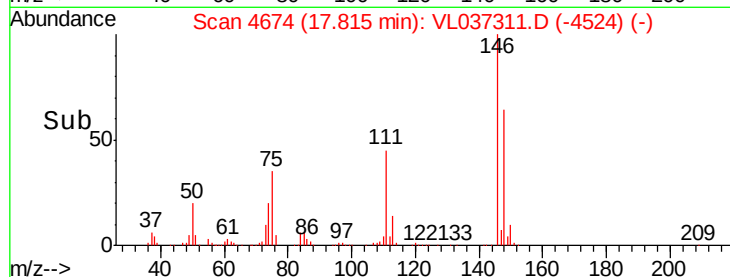
#77
 1,2-Dichlorobenzene
 Concen: 8.345 ppbv
 RT: 17.82 min Scan# 4674
 Delta R.T. -0.02 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:146 Resp: 2827405
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.6 67.7
 148 64.7 32.5 97.4

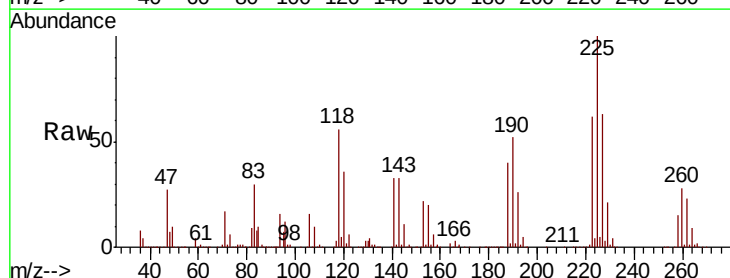


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

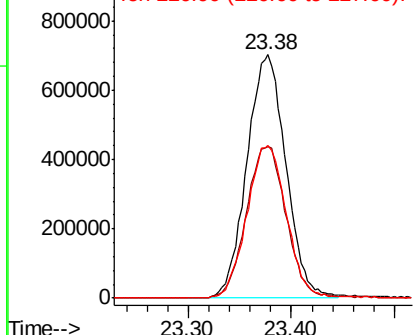
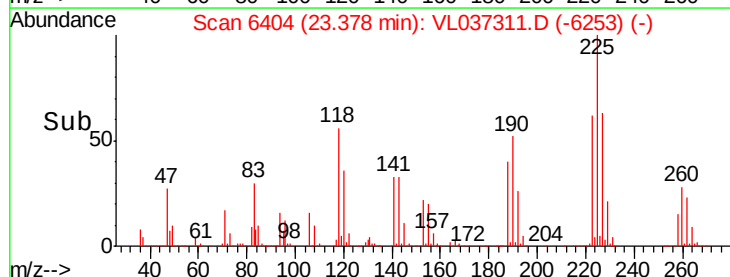


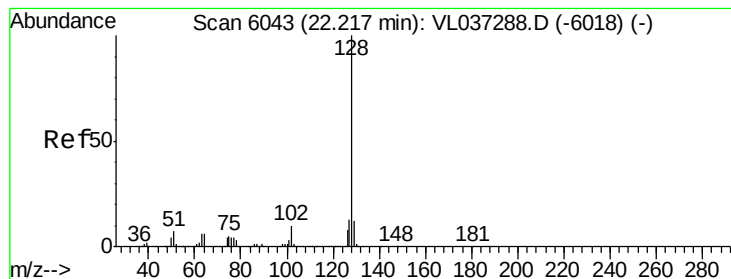
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.255 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. -0.01 min
 Lab File: VL037311.D
 Acq: 31 Jul 2021 9:55

Tgt Ion:225 Resp: 1843950
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.7 77.5
 227 64.2 51.8 77.8



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





#79

Naphthalene

Concen: 7.561 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

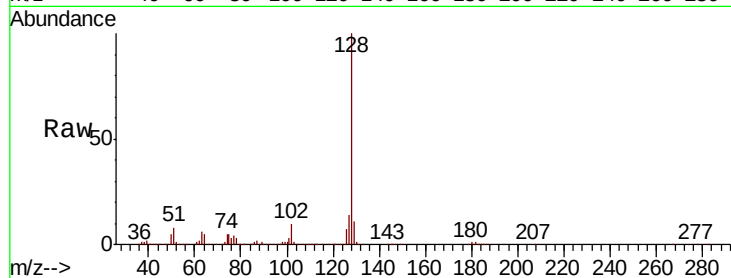
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 3475318

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.4	9.4	14.2

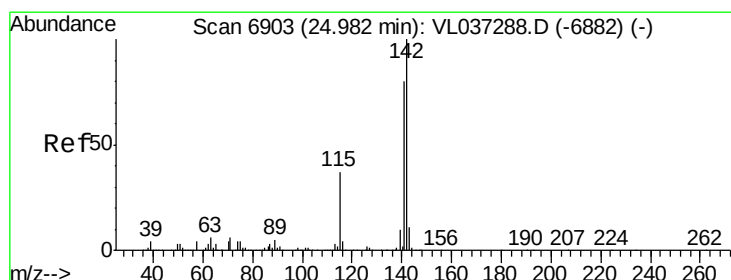
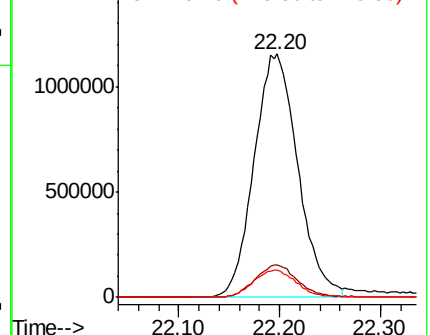
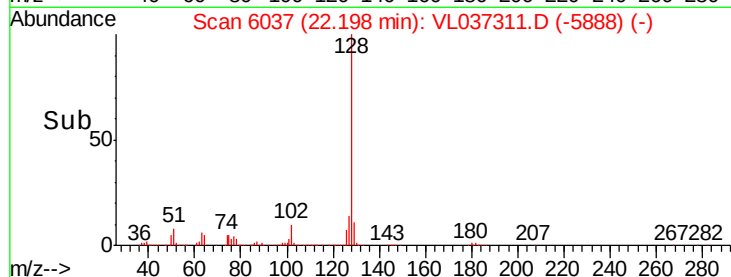


Abundance

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: 7.404 ppbv

RT: 24.97 min Scan# 6900

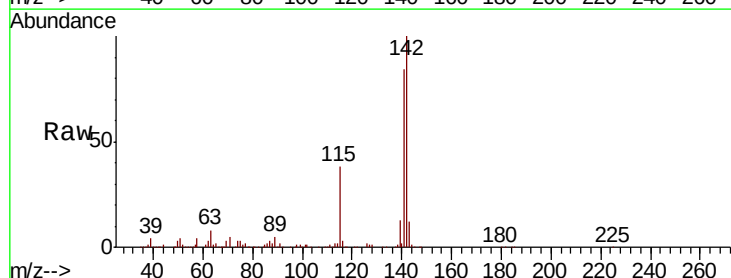
Delta R.T. -0.01 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Tgt Ion:142 Resp: 978732

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.0	100.6
115	37.9	28.6	42.8

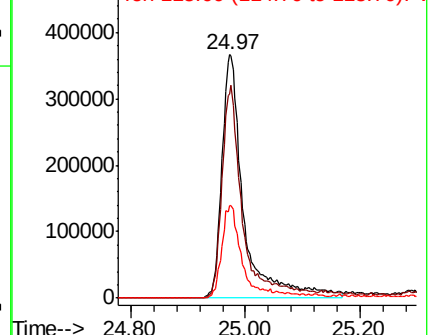
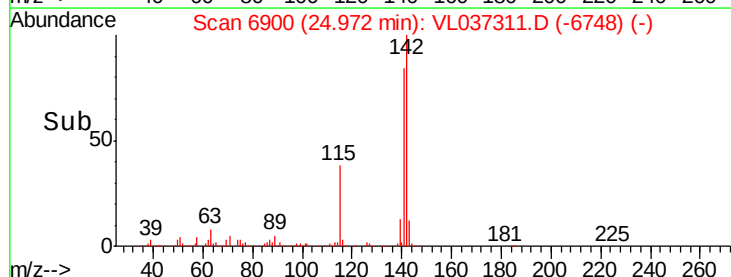


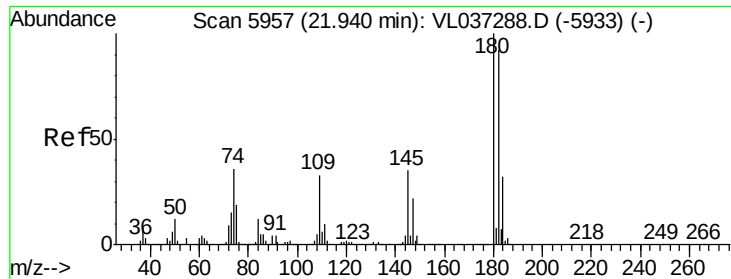
Abundance

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: 7.505 ppbv

RT: 21.92 min Scan# 5952

Delta R.T. -0.02 min

Lab File: VL037311.D

Acq: 31 Jul 2021 9:55

Instrument :

MSVOA_L

ClientSampleId :

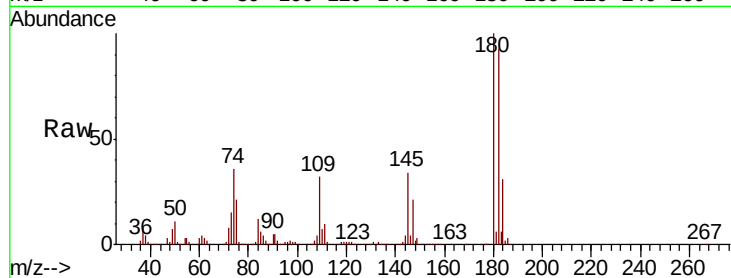
Tot Ion:180 Resp: 2082115

Ion Ratio Lower Upper

180 100

182 101.0 80.8 121.2

184 30.8 25.4 38.2



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

