

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
 Data File : VL036424.D
 Acq On : 2 Mar 2021 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 03 03:08:28 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	5.65	49	1543824	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3593688	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4189427	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1122749	3.26	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	32.60%#

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	1713180	7.435	ppbv 99
3) Chlorodifluoromethane	2.98	51	1818157	9.478	ppbv 99
4) Chloromethane	3.13	50	922386	9.953	ppbv 97
5) Vinyl Chloride	3.25	62	888761	10.299	ppbv 100
6) Bromomethane	3.46	94	527501	10.284	ppbv 96
7) Chloroethane	3.55	64	312349	10.194	ppbv 93
8) Dichlorotetrafluoroethane	3.18	85	2001249	9.550	ppbv 98
9) Propene	3.00	41	837254	11.707	ppbv 100
10) Heptane	8.11	43	2143607	10.170	ppbv 99
11) Trichlorofluoromethane	3.94	101	2197174	9.739	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1387805	9.930	ppbv 100
13) Ethanol	3.60	45	149362	11.119	ppbv 93
14) Bromoethene	3.73	108	605736	10.356	ppbv 97
15) Acetone	3.84	43	1737284	9.206	ppbv 99
16) 1,3-Butadiene	3.31	39	863633	9.571	ppbv 99
17) tert-Butyl alcohol	4.28	59	1435701	9.801	ppbv 99
18) 1,1-Dichloroethene	4.28	96	588924	9.272	ppbv 94
19) Isopropyl Alcohol	3.96	45	973301	9.309	ppbv # 98
20) Methylene Chloride	4.33	84	534045	8.772	ppbv 95
21) Allyl Chloride	4.40	41	996733	9.487	ppbv 99
22) trans-1,2-Dichloroethene	4.87	96	579851	10.051	ppbv 98
23) Vinyl Acetate	5.06	43	2241767	10.103	ppbv # 97
24) 1,1-Dichloroethane	5.00	63	1618282	9.861	ppbv 99
25) Ethyl Acetate	5.67	43	3587892	9.848	ppbv 99
26) Hexane	5.67	57	1479329	9.883	ppbv 98
27) Carbon Disulfide	4.54	76	1539677	11.192	ppbv 97
28) Methyl tert-Butyl Ether	5.02	73	1962878	10.038	ppbv 100
29) Chloroform	5.74	83	2335768	9.686	ppbv 99
30) Cyclohexane	7.11	84	1211921	9.735	ppbv 98
31) cis-1,2-Dichloroethene	5.54	61	1485728	10.031	ppbv 96
32) 1,1,1-Trichloroethane	6.50	97	2276350	10.097	ppbv 98
34) 2-Butanone	5.23	43	2263750	9.481	ppbv 99
35) Carbon Tetrachloride	7.01	117	2347291	9.746	ppbv 99
36) Benzene	6.88	78	3064527	10.039	ppbv 98
37) 1,2-Dichloroethane	6.29	62	1793017	9.500	ppbv 99
38) Trichloroethene	7.82	130	1059381	9.687	ppbv 95
39) 1,2-Dichloropropane	7.60	63	1232732	9.941	ppbv 97
40) 1,4-Dioxane	7.82	88	386343	8.992	ppbv # 1
41) Tetrahydrofuran	6.03	42	1359523	10.203	ppbv 99
42) Bromodichloromethane	7.78	83	2473489	9.785	ppbv 98
43) Methyl Methacrylate	8.00	69	1343346	10.434	ppbv 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
 Data File : VL036424.D
 Acq On : 2 Mar 2021 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 03 03:08:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

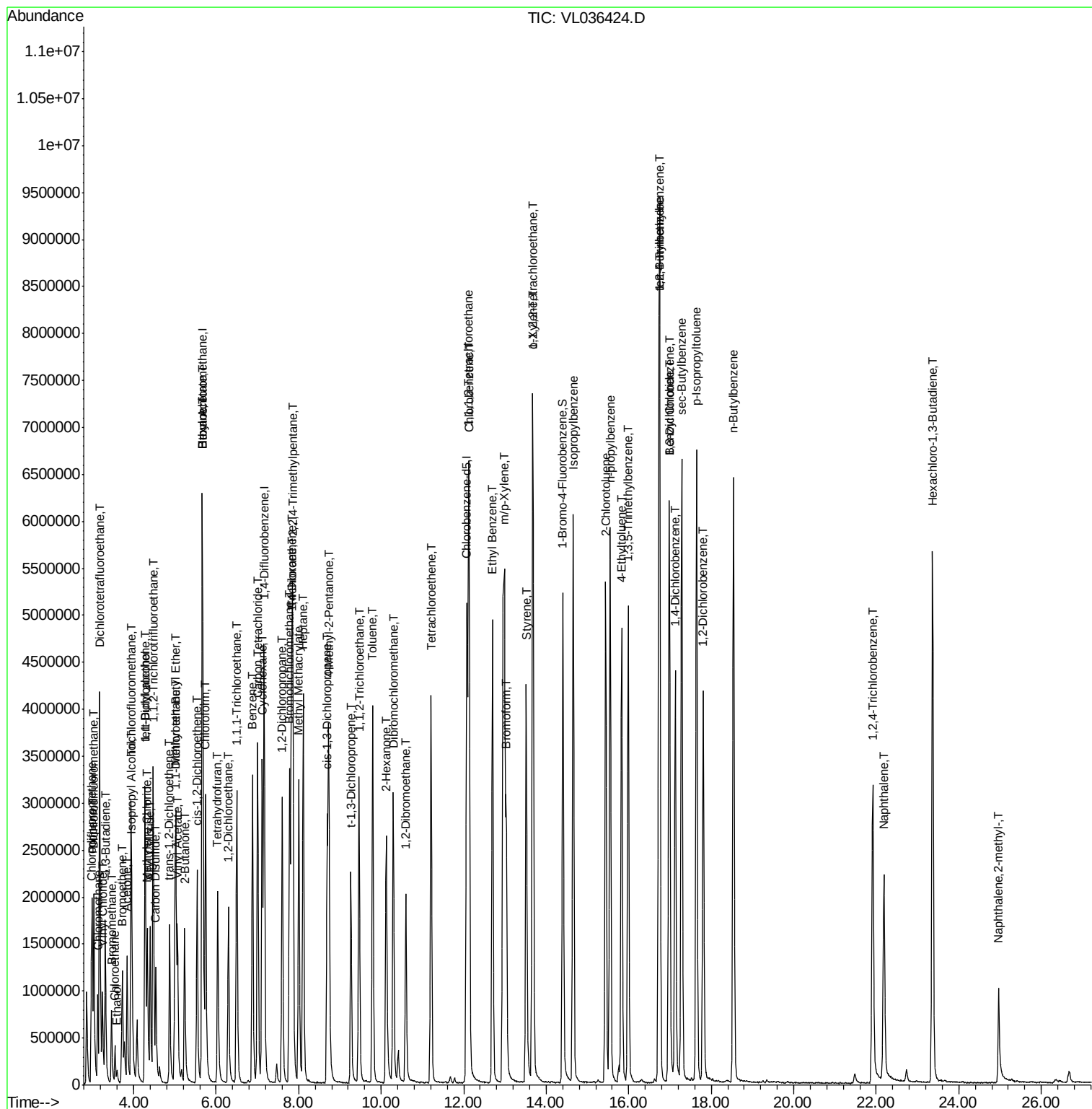
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5231972	9.425	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1444652	11.632	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	1749043	11.087	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	1241138	9.780	ppbv	97
48) Dibromochloromethane	10.29	129	1997330	10.547	ppbv	99
49) Bromoform	13.03	173	1694443	11.068	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	3544410	9.999	ppbv	99
51) 2-Hexanone	10.12	43	2852272	10.590	ppbv	98
52) Tetrachloroethene	11.21	164	1006065	9.002	ppbv	98
53) Toluene	9.79	91	3406700	10.303	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1822353	9.937	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1510488	7.839	ppbv #	58
57) Chlorobenzene	12.14	112	2440780	7.541	ppbv	97
58) Ethyl Benzene	12.70	91	4623581	8.060	ppbv	97
59) m/p-Xylene	12.98	91	3484780	6.916	ppbv #	14
60) o-Xylene	13.68	91	3687461	7.654	ppbv	100
61) Styrene	13.52	104	2629881	8.808	ppbv	99
62) Isopropylbenzene	14.66	105	5456718	7.556	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2699742	7.102	ppbv	99
64) n-propylbenzene	15.55	120	1433187	8.064	ppbv	99
65) tert-Butylbenzene	16.73	119	4710607	7.624	ppbv	97
66) Benzyl Chloride	16.98	91	1731394	10.307	ppbv	99
67) sec-Butylbenzene	17.28	105	6699176	7.518	ppbv	99
69) p-Isopropyltoluene	17.64	119	5466510	7.938	ppbv	99
70) n-Butylbenzene	18.54	91	5789870	7.840	ppbv	100
71) 2-Chlorotoluene	15.44	91	4333987	7.829	ppbv	98
72) 4-Ethyltoluene	15.83	105	4272049	7.968	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4032499	7.759	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4053608	7.640	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2228914	7.739	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2201465	7.361	ppbv	96
77) 1,2-Dichlorobenzene	17.81	146	2198370	7.694	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1541030	6.602	ppbv	100
79) Naphthalene	22.18	128	2977642	9.467	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	783895	13.460	ppbv	96
81) 1,2,4-Trichlorobenzene	21.92	180	654803	3.412	ppbv #	4

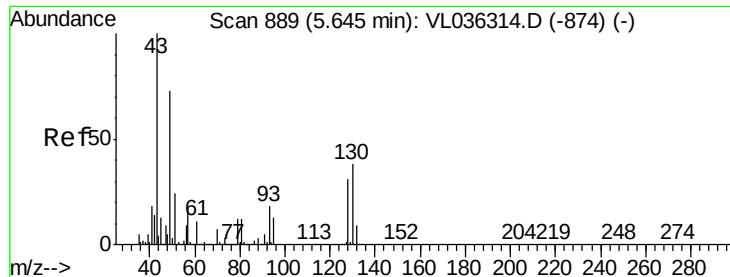
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
Data File : VL036424.D
Acq On : 2 Mar 2021 9:47
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 03 03:08:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

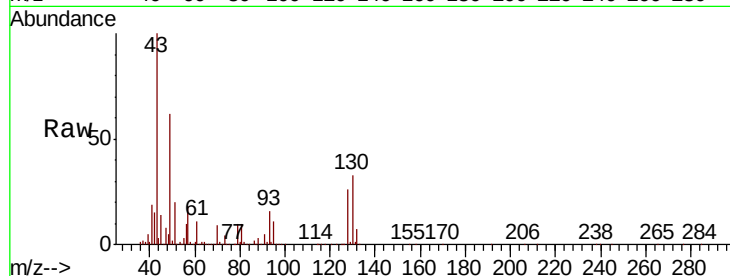




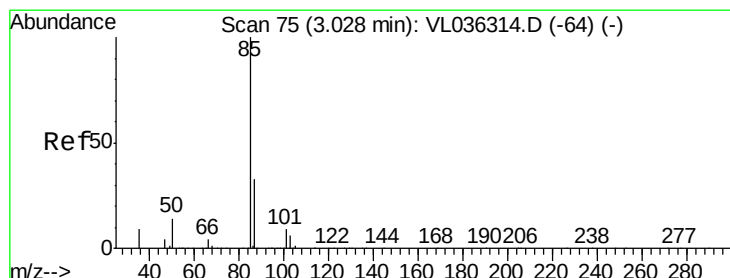
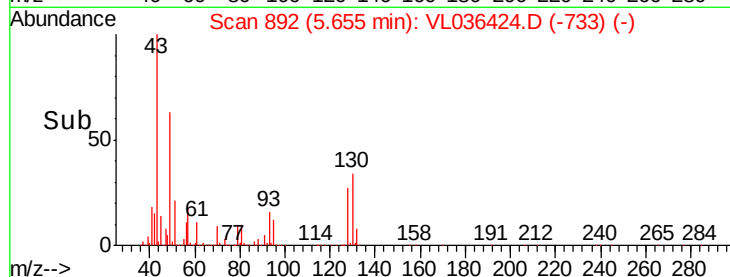
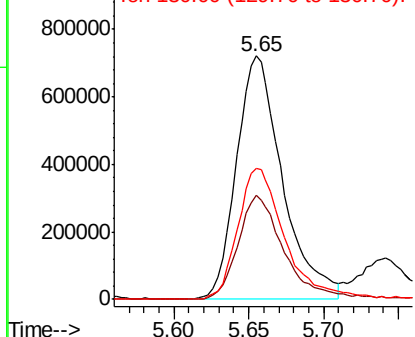
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 49 Resp: 1543824
 Ion Ratio Lower Upper
 49 100
 128 43.6 20.8 62.5
 130 56.3 26.7 80.1

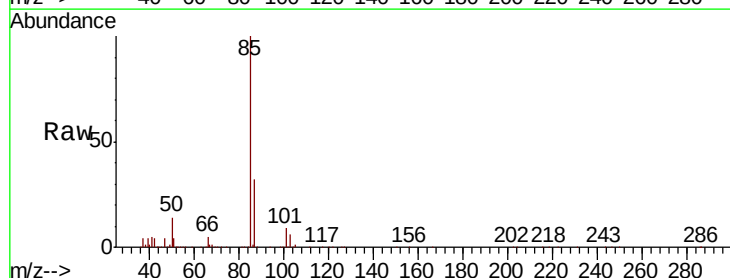


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V

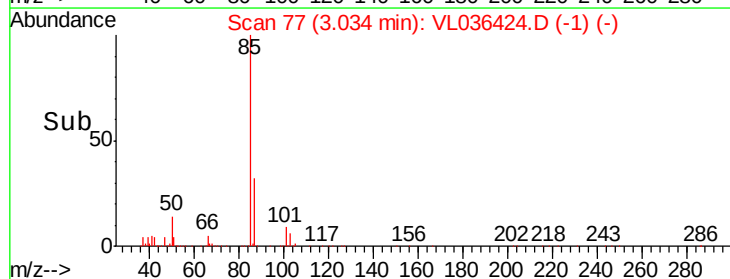
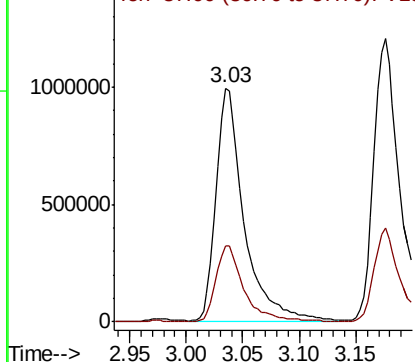


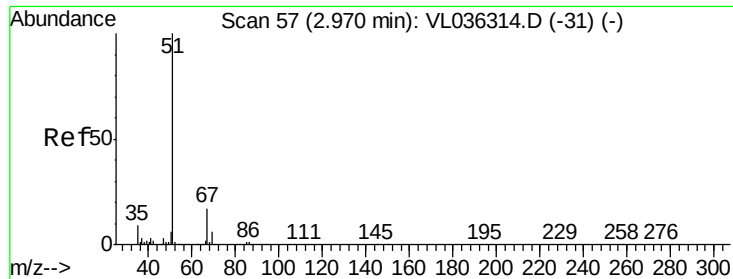
#2
 Dichlorodifluoromethane
 Concen: 7.435 ppbv
 RT: 3.03 min Scan# 77
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 85 Resp: 1713180
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0
 Ion 87.00 (86.70 to 87.70): VL0

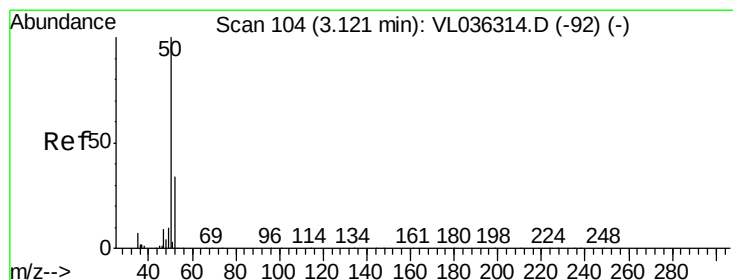
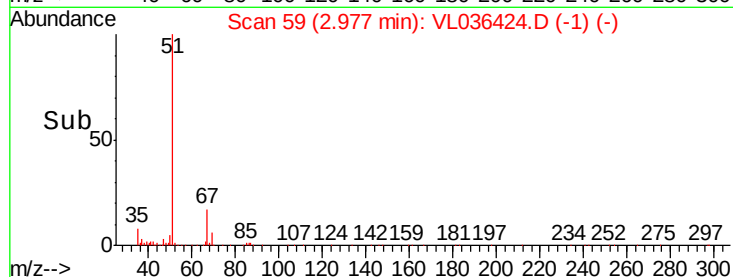
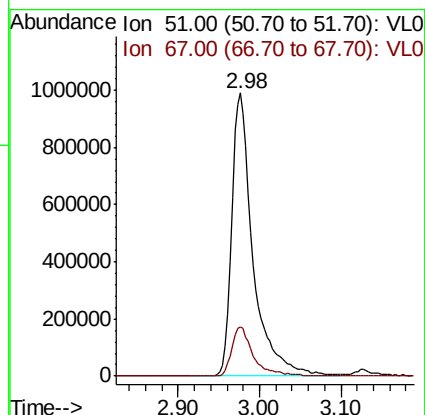
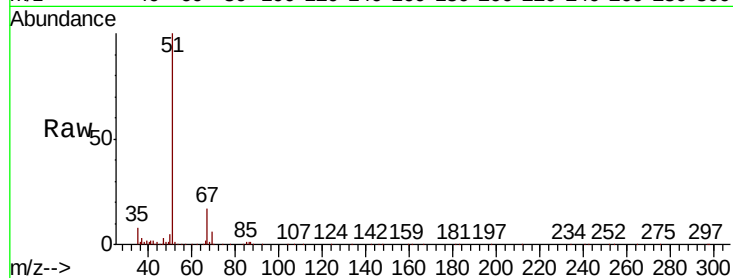




#3
 Chlorodifluoromethane
 Concen: 9.478 ppbv
 RT: 2.98 min Scan# 59
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

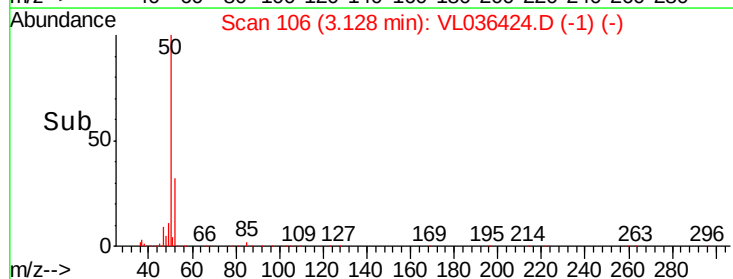
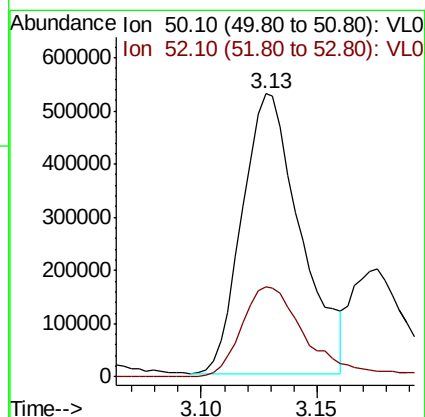
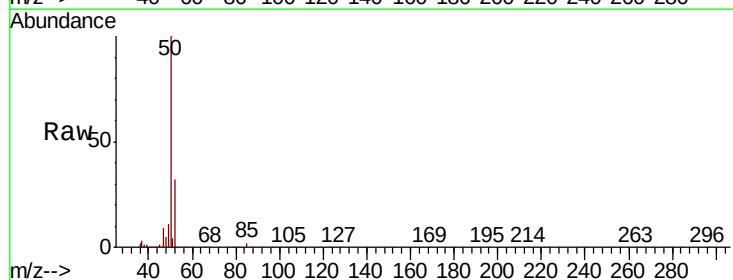
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

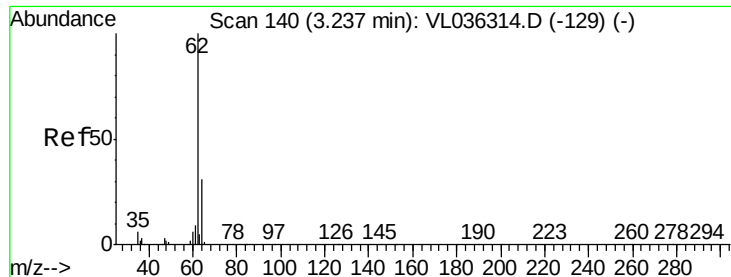
Tot Ion: 51 Resp: 1818157
 Ion Ratio Lower Upper
 51 100
 67 17.9 14.7 22.1



#4
 Chloromethane
 Concen: 9.953 ppbv
 RT: 3.13 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 50 Resp: 922386
 Ion Ratio Lower Upper
 50 100
 52 32.1 27.0 40.4





#5

Vinyl Chloride

Concen: 10.299 ppbv

RT: 3.25 min Scan# 143

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

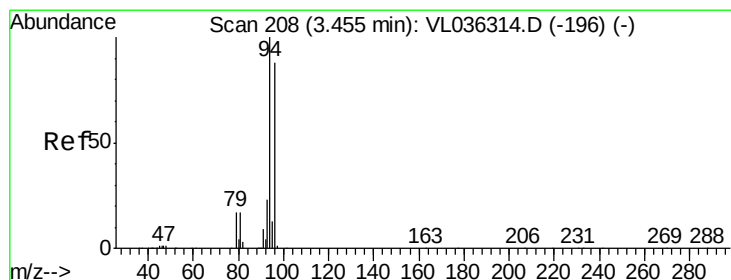
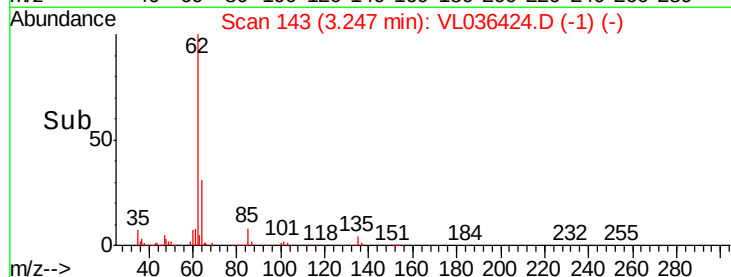
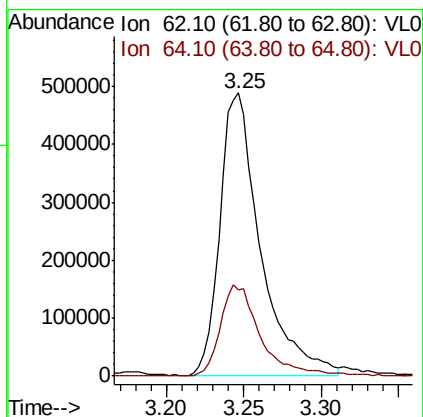
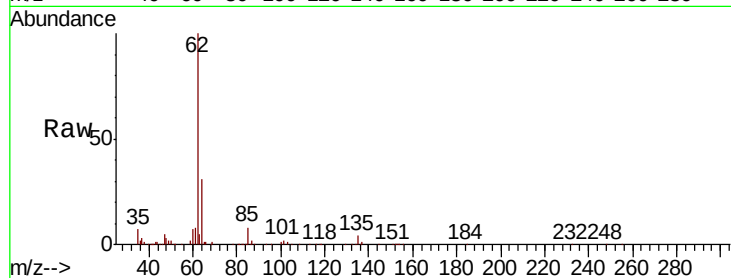
VSTDCCC010

Tot Ion: 62 Resp: 888761

Ion Ratio Lower Upper

62 100

64 30.6 24.4 36.6



#6

Bromomethane

Concen: 10.284 ppbv

RT: 3.46 min Scan# 210

Delta R.T. 0.01 min

Lab File: VL036424.D

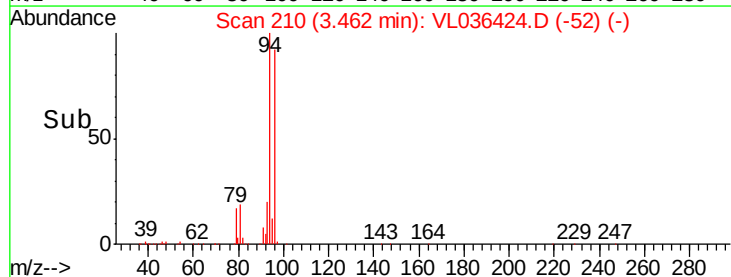
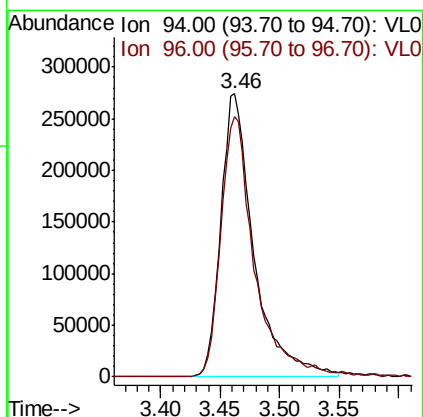
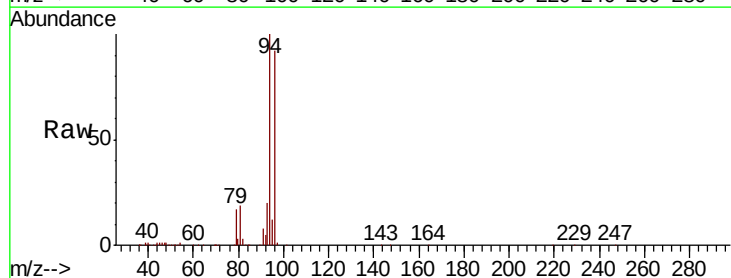
Acq: 2 Mar 2021 9:47

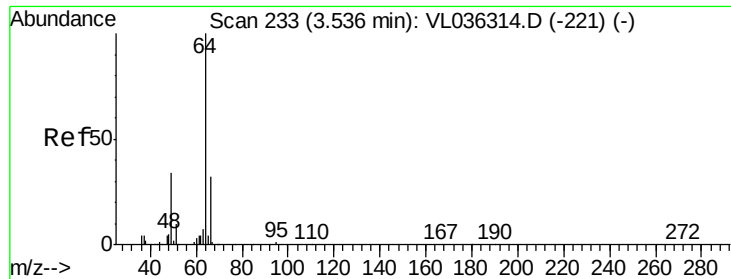
Tgt Ion: 94 Resp: 527501

Ion Ratio Lower Upper

94 100

96 92.0 70.8 106.2





#7

Chloroethane

Concen: 10.194 ppbv

RT: 3.55 min Scan# 236

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

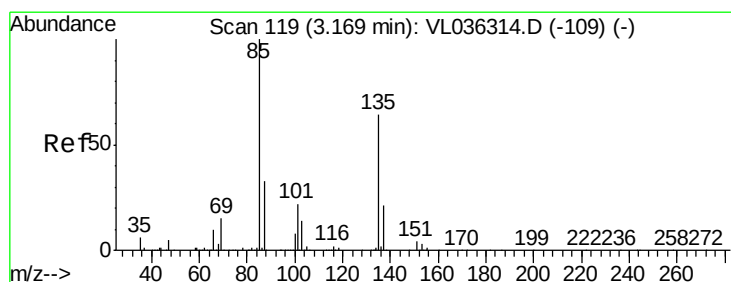
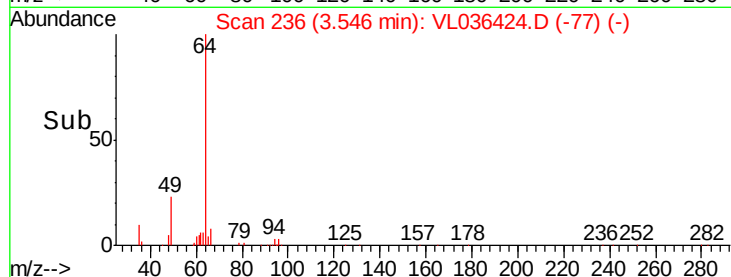
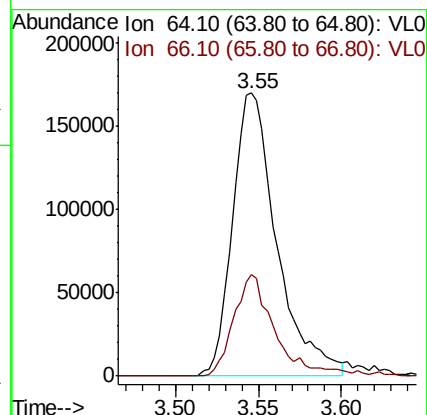
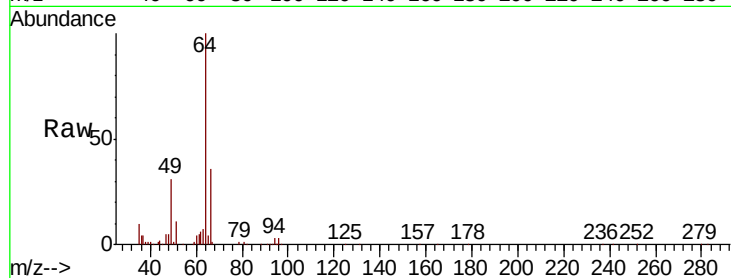
VSTDCCC010

Tot Ion: 64 Resp: 312349

Ion Ratio Lower Upper

64 100

66 35.7 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 9.550 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.01 min

Lab File: VL036424.D

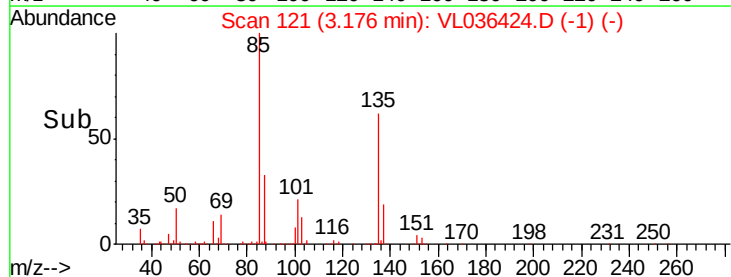
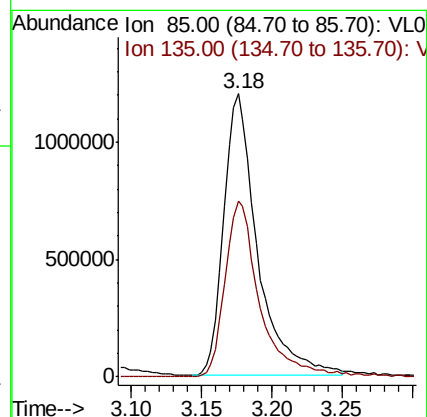
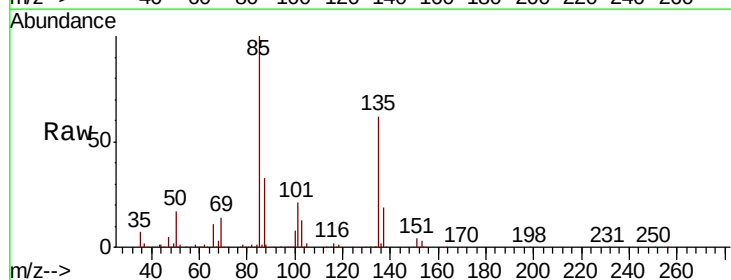
Acq: 2 Mar 2021 9:47

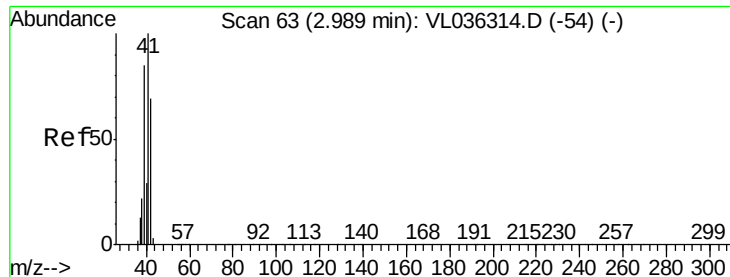
Tgt Ion: 85 Resp: 2001249

Ion Ratio Lower Upper

85 100

135 65.4 51.1 76.7





#9

Propene

Concen: 11.707 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

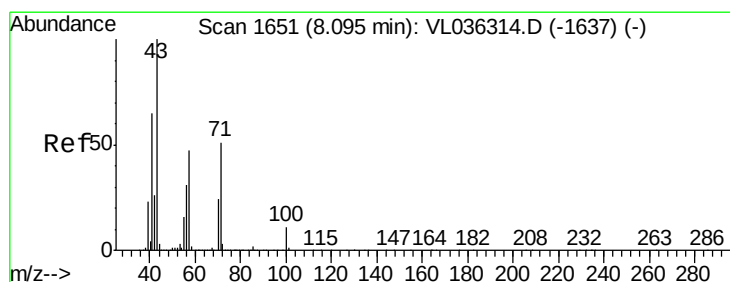
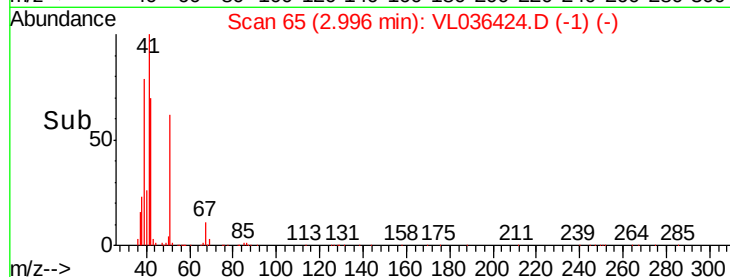
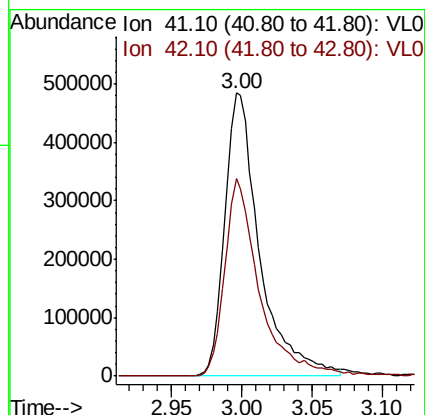
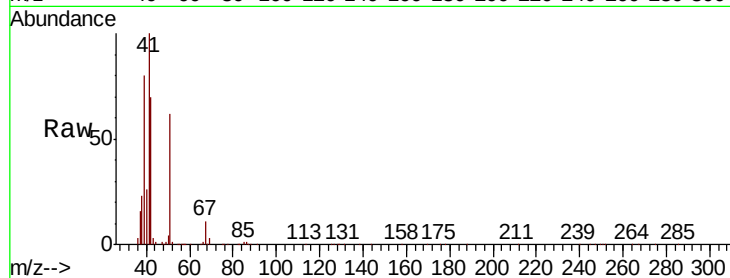
VSTDCCC010

Tot Ion: 41 Resp: 837254

Ion Ratio Lower Upper

41 100

42 70.1 56.2 84.2



#10

Heptane

Concen: 10.170 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VL036424.D

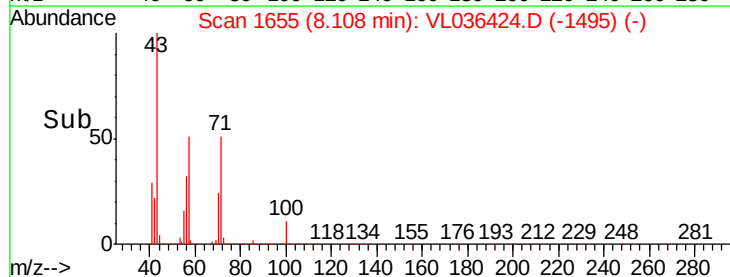
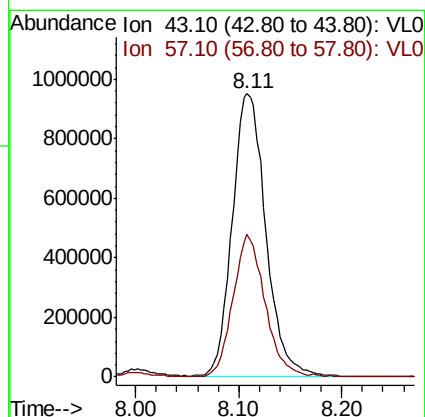
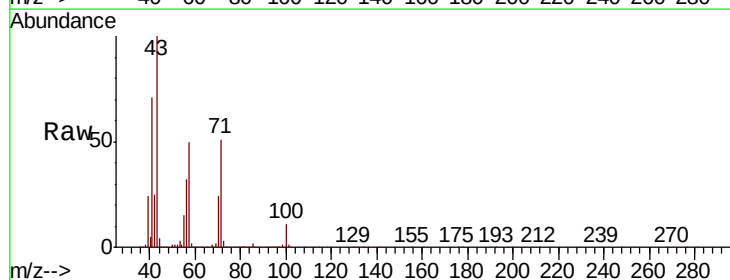
Acq: 2 Mar 2021 9:47

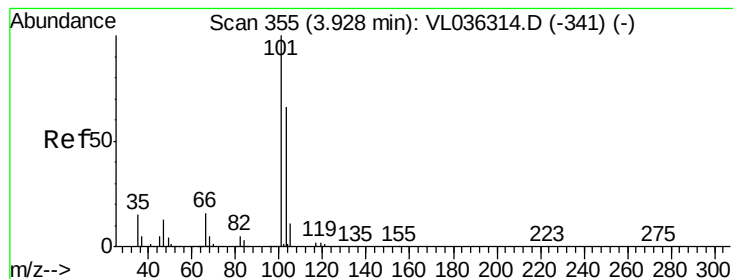
Tgt Ion: 43 Resp: 2143607

Ion Ratio Lower Upper

43 100

57 48.5 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.739 ppbv

RT: 3.94 min Scan# 358

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

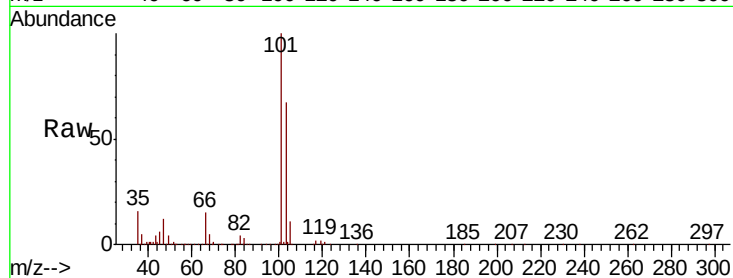
VSTDCCC010

Tot Ion:101 Resp: 2197174

Ion Ratio Lower Upper

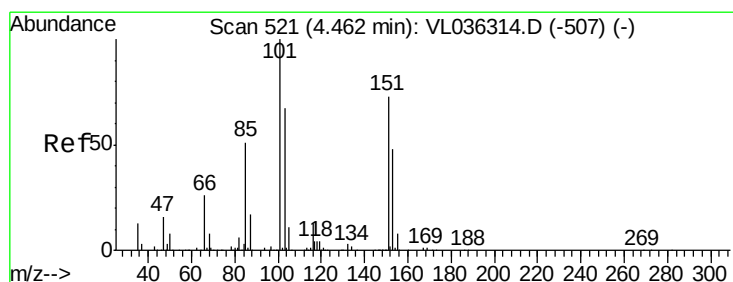
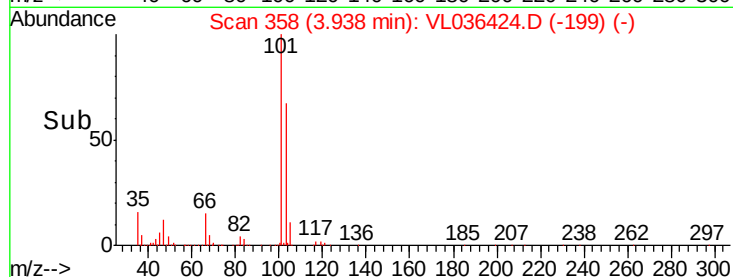
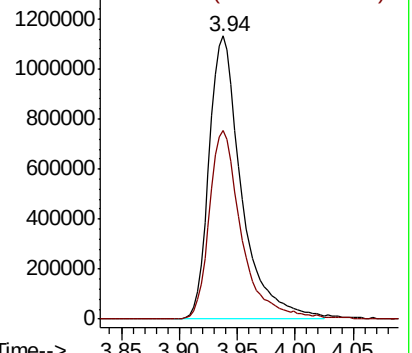
101 100

103 66.5 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: 9.930 ppbv

RT: 4.47 min Scan# 524

Delta R.T. 0.01 min

Lab File: VL036424.D

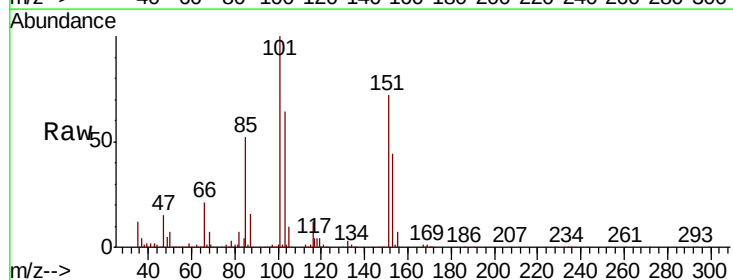
Acq: 2 Mar 2021 9:47

Tgt Ion:101 Resp: 1387805

Ion Ratio Lower Upper

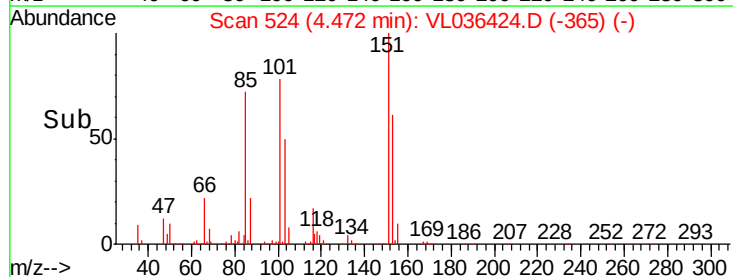
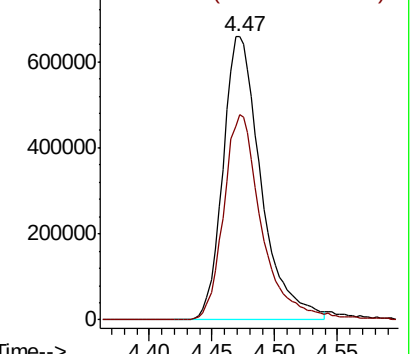
101 100

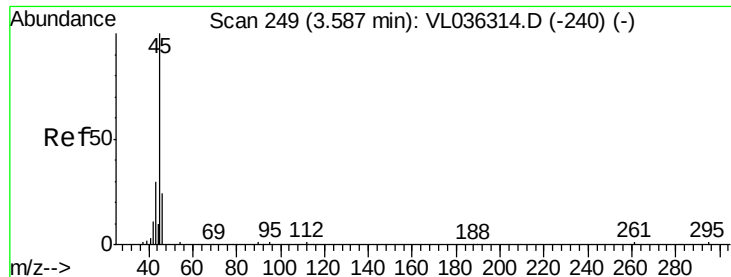
151 73.0 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 11.119 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

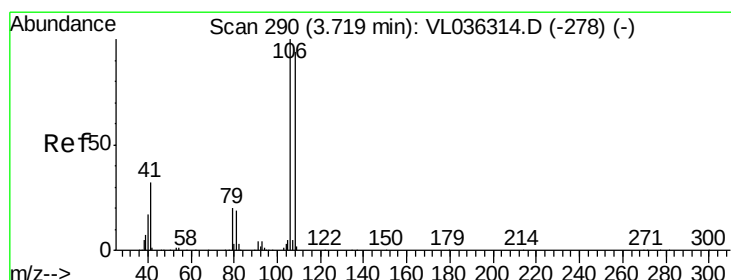
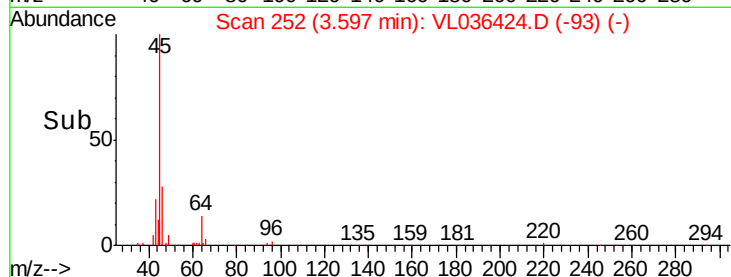
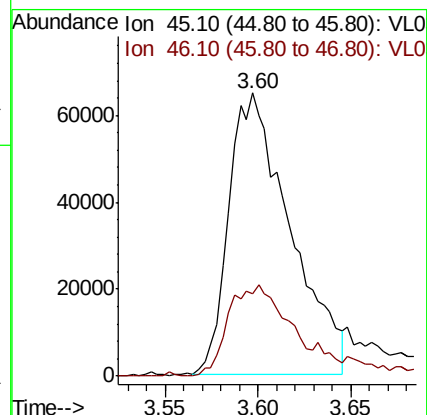
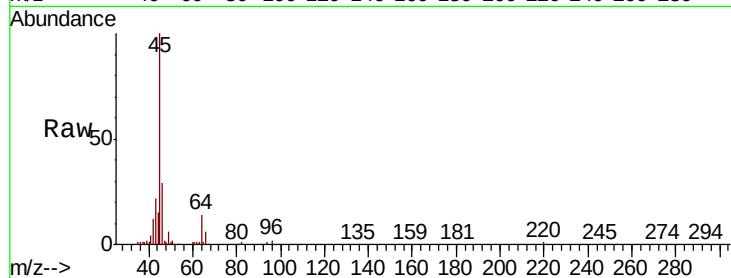
VSTDCCC010

Tot Ion: 45 Resp: 149362

Ion Ratio Lower Upper

45 100

46 39.9 17.7 70.7



#14

Bromoethene

Concen: 10.356 ppbv

RT: 3.73 min Scan# 293

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

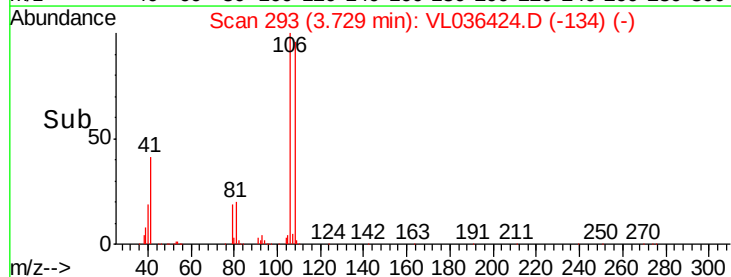
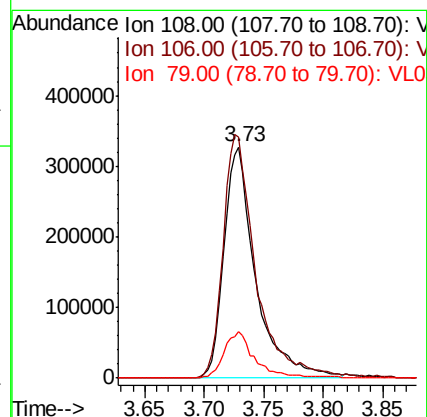
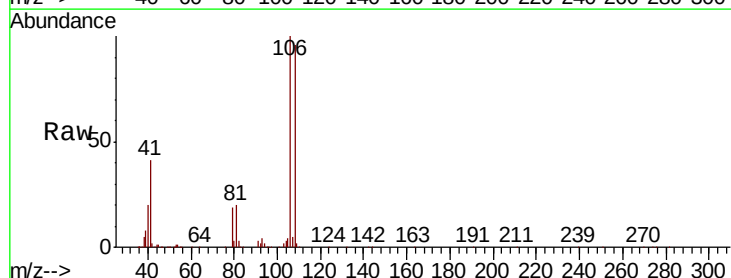
Tgt Ion: 108 Resp: 605736

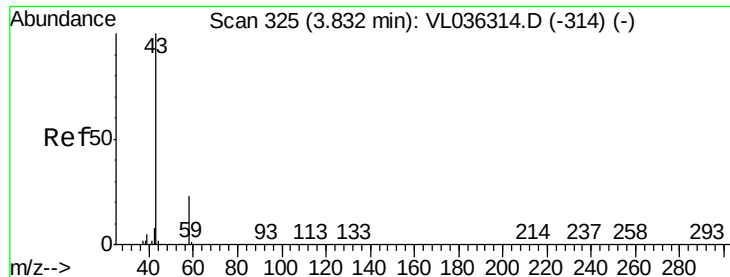
Ion Ratio Lower Upper

108 100

106 109.3 89.8 134.8

79 20.1 17.1 25.7





#15

Acetone

Concen: 9.206 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

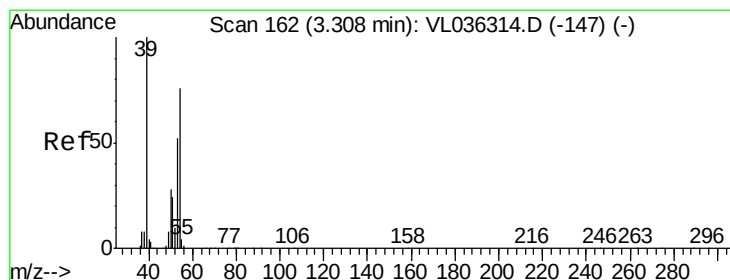
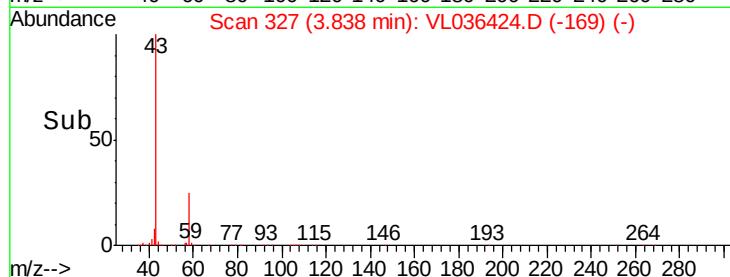
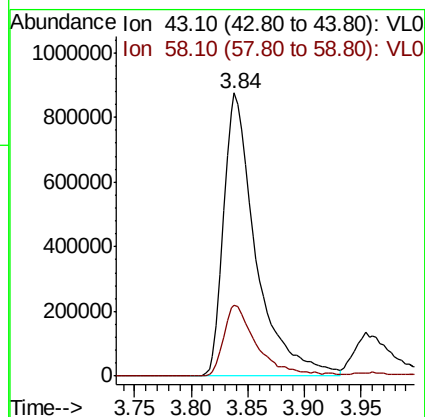
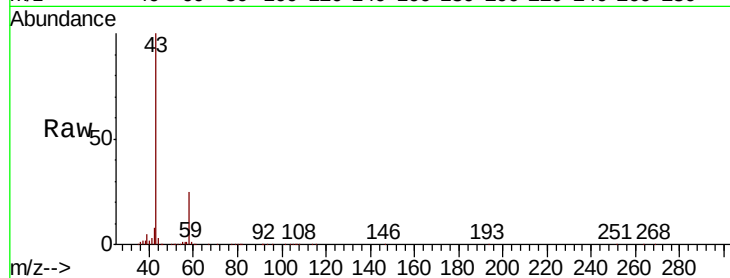
VSTDCCC010

Tot Ion: 43 Resp: 1737284

Ion Ratio Lower Upper

43 100

58 26.0 20.3 30.5



#16

1,3-Butadiene

Concen: 9.571 ppbv

RT: 3.31 min Scan# 164

Delta R.T. 0.01 min

Lab File: VL036424.D

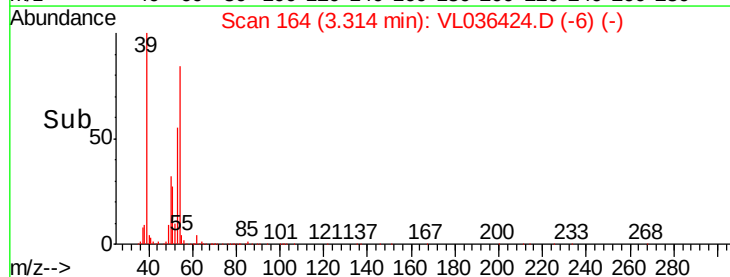
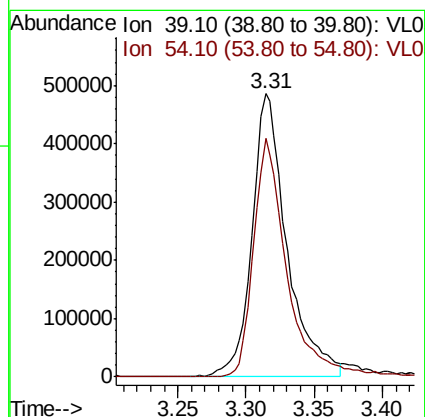
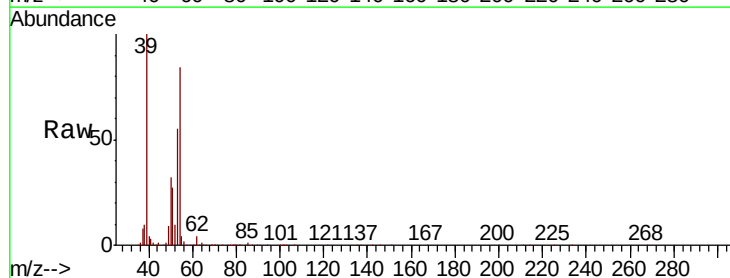
Acq: 2 Mar 2021 9:47

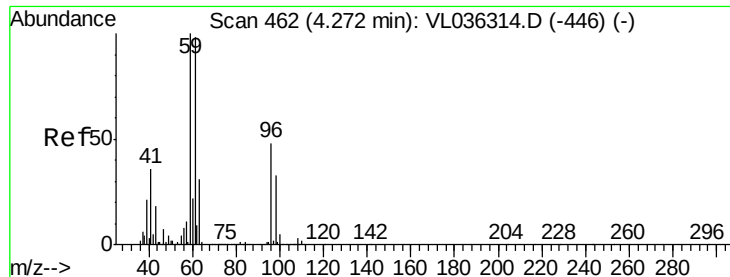
Tgt Ion: 39 Resp: 863633

Ion Ratio Lower Upper

39 100

54 81.3 64.4 96.6





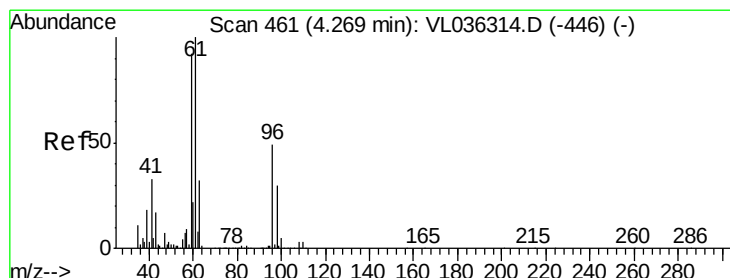
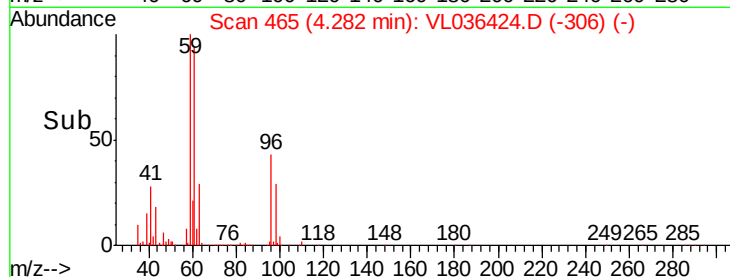
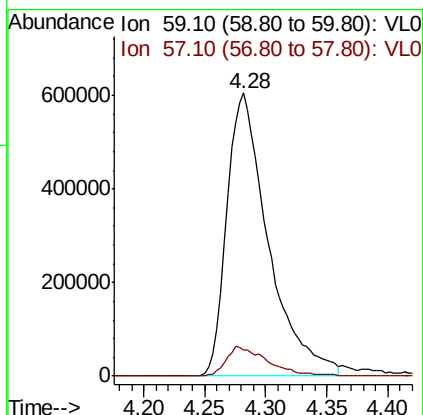
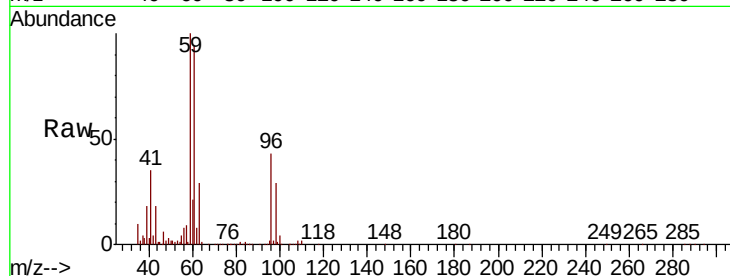
#17

tert-Butyl alcohol
Concen: 9.801 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1435701

Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.0	13.4

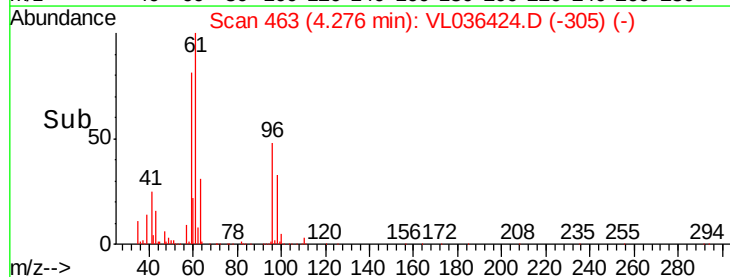
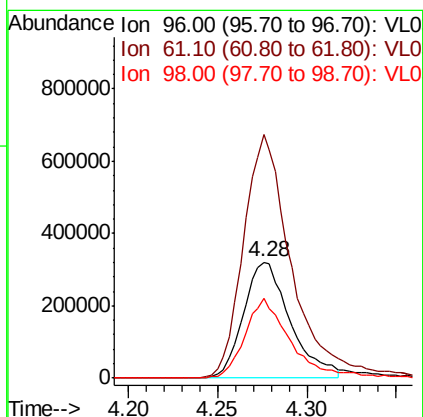
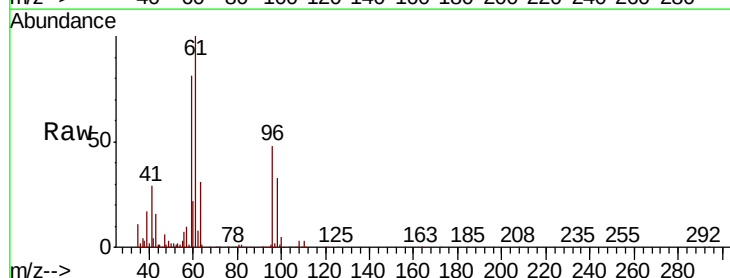


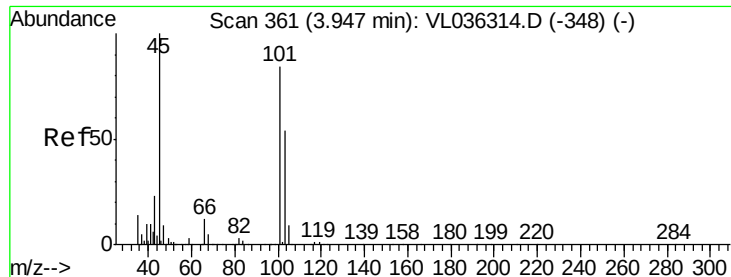
#18

1,1-Dichloroethene
Concen: 9.272 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Tgt Ion: 96 Resp: 588924

Ion	Ratio	Lower	Upper
96	100		
61	209.5	162.5	243.7
98	68.1	48.5	72.7





#19

Isopropyl Alcohol

Concen: 9.309 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

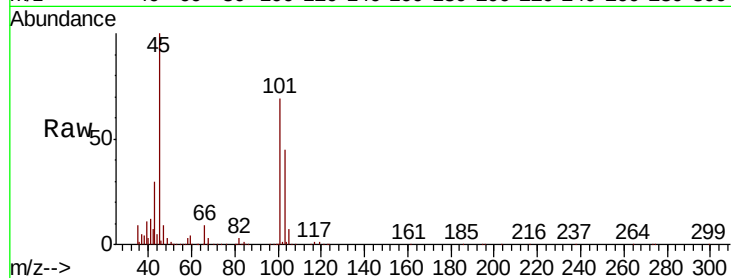
VSTDCCC010

Tot Ion: 45 Resp: 973301

Ion Ratio Lower Upper

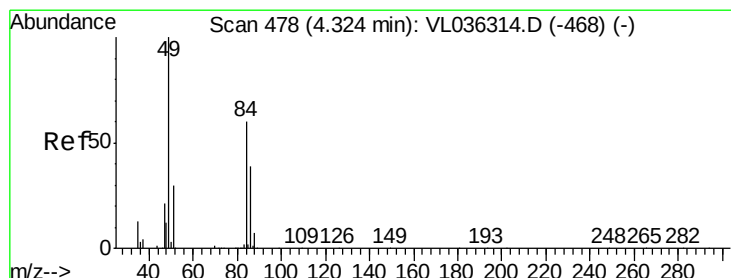
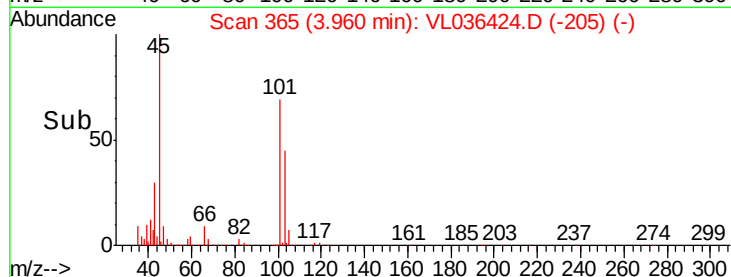
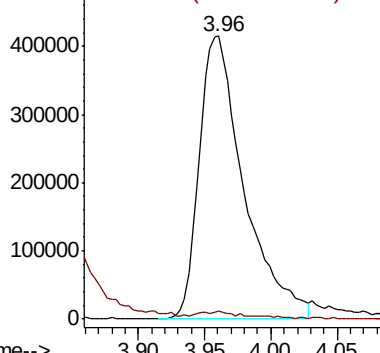
45 100

58 3.0 1.9 2.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.772 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 84 Resp: 534045

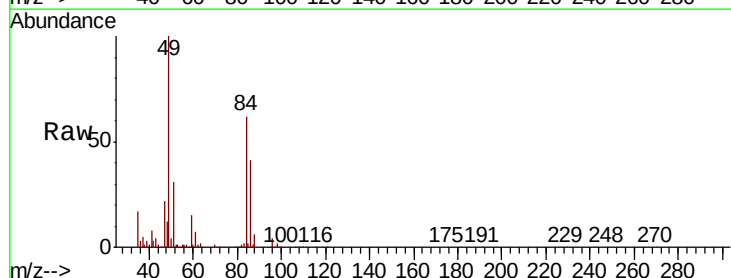
Ion Ratio Lower Upper

84 100

49 158.9 133.8 200.8

51 47.4 41.4 62.0

86 66.2 51.5 77.3

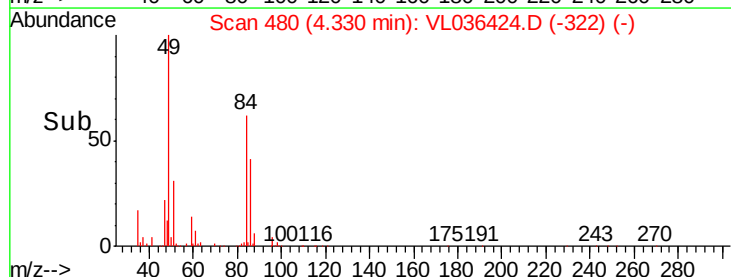
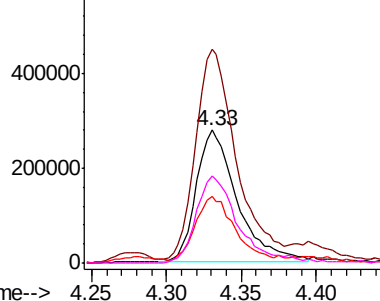


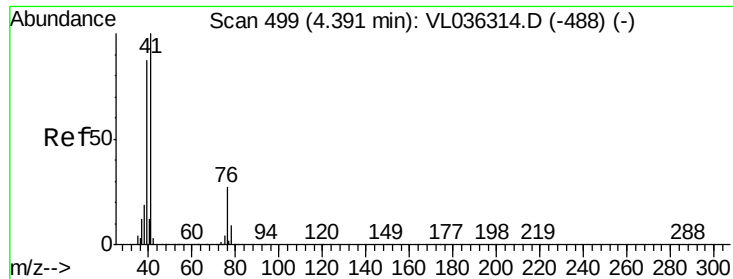
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 9.487 ppbv

RT: 4.40 min Scan# 501

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

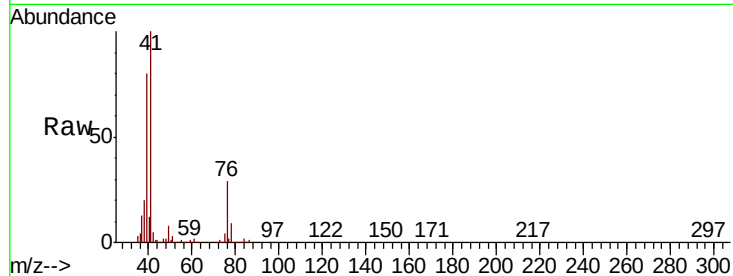
Tot Ion: 41 Resp: 996733

Ion Ratio Lower Upper

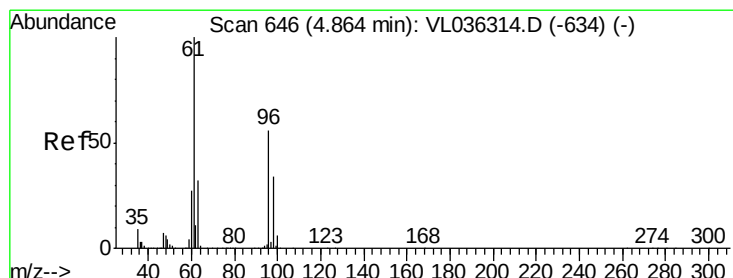
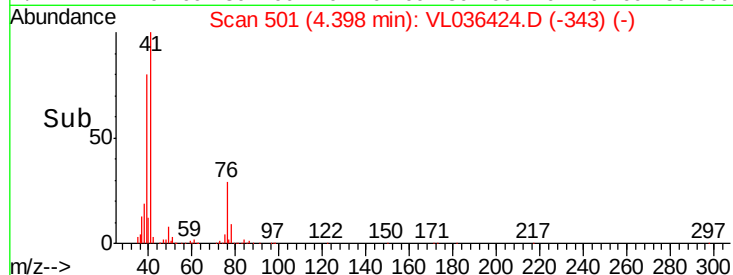
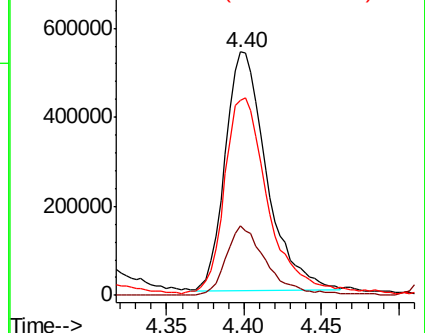
41 100

76 28.8 22.0 33.0

39 88.0 70.2 105.2



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



#22

trans-1,2-Dichloroethene

Concen: 10.051 ppbv

RT: 4.87 min Scan# 649

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

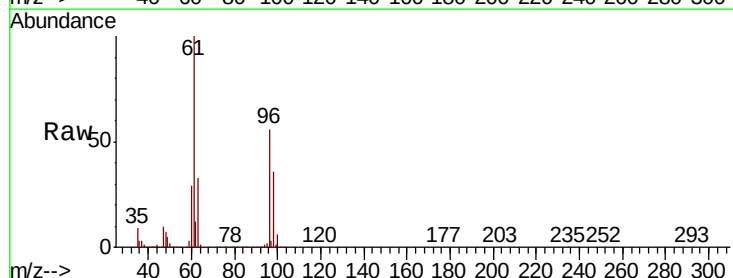
Tgt Ion: 96 Resp: 579851

Ion Ratio Lower Upper

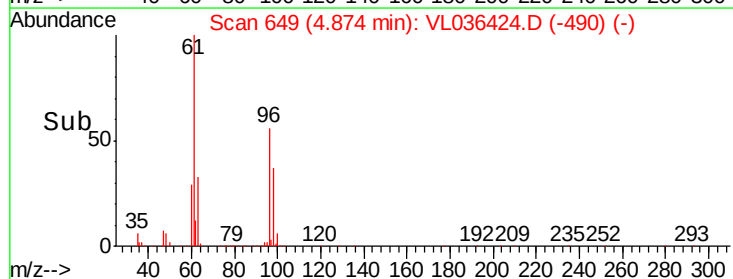
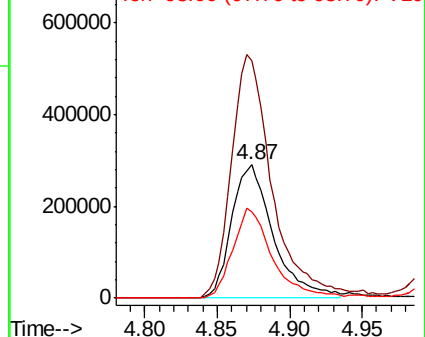
96 100

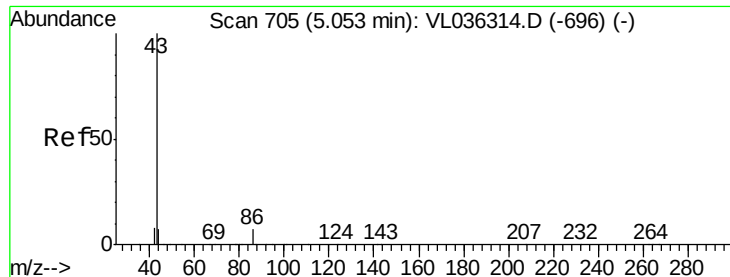
61 177.8 143.7 215.5

98 64.7 48.5 72.7



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





#23

Vinyl Acetate

Concen: 10.103 ppbv

RT: 5.06 min Scan# 707

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

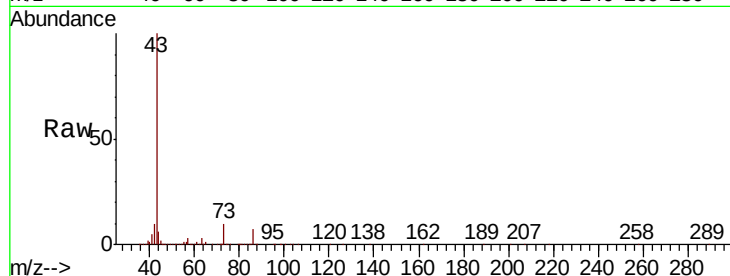
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 2241767

Ion	Ratio	Lower	Upper
43	100		
86	7.2	4.8	7.2#
42	10.0	7.4	11.0
44	5.3	4.8	7.2

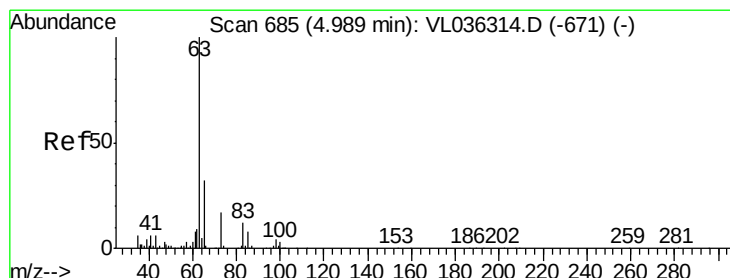
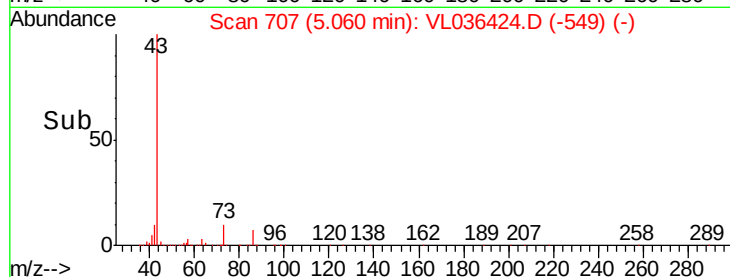
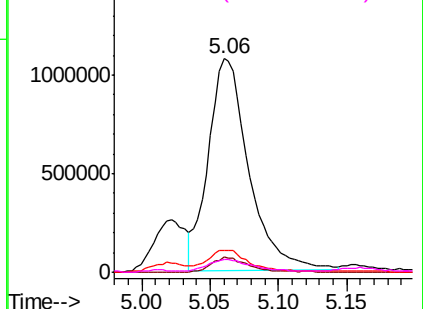


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.861 ppbv

RT: 5.00 min Scan# 688

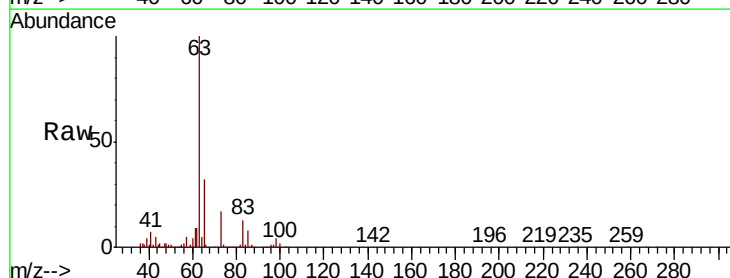
Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 63 Resp: 1618282

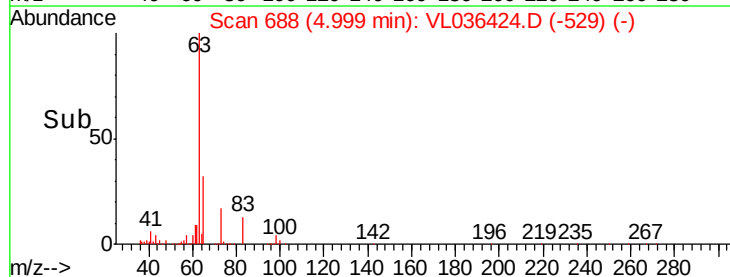
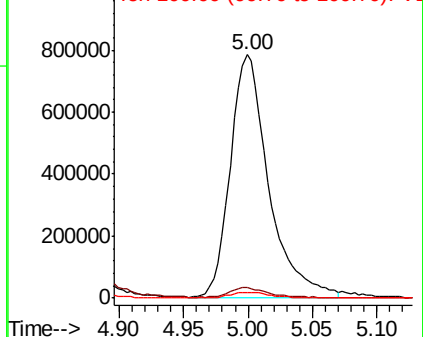
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.0	6.0
100	2.3	1.5	4.4

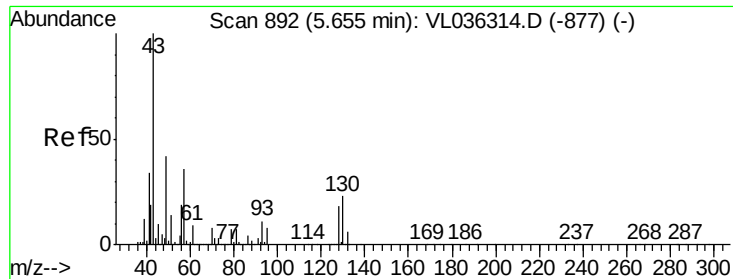


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



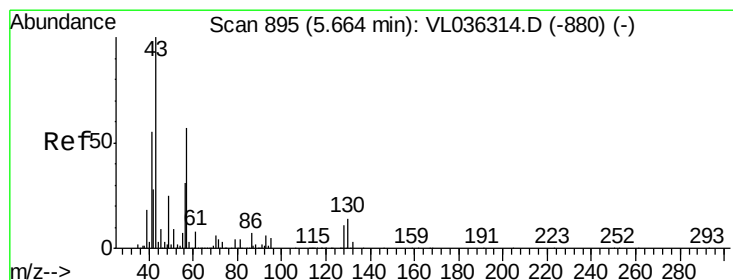
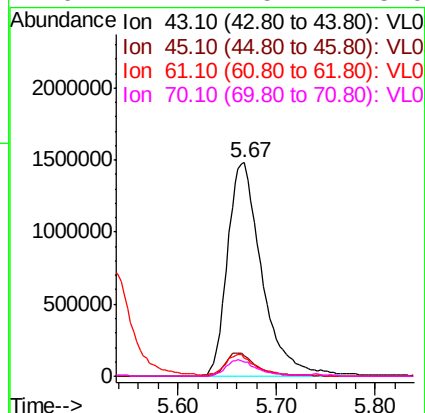
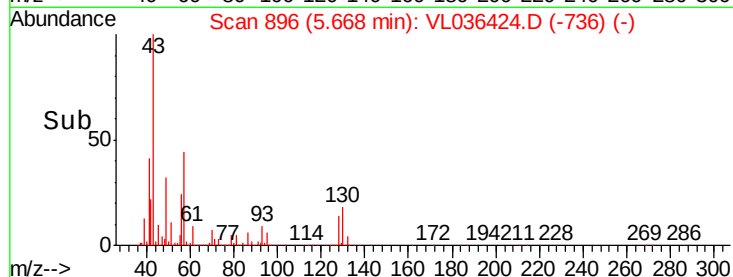
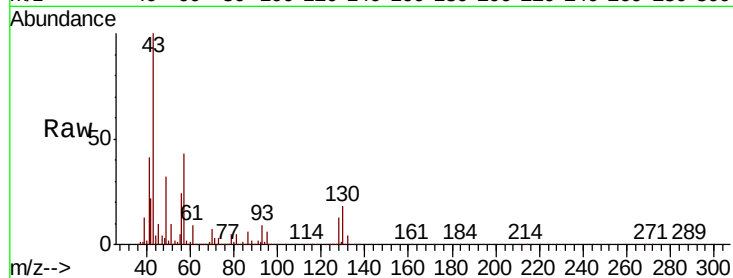


#25
Ethyl Acetate
Concen: 9.848 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 3587892

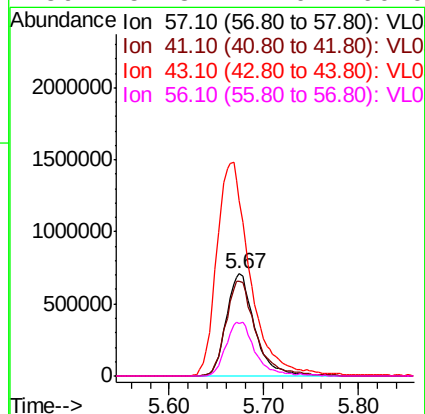
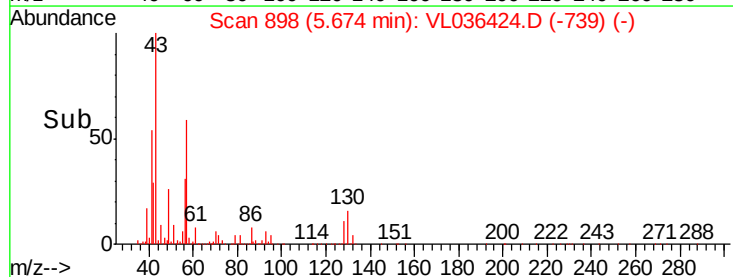
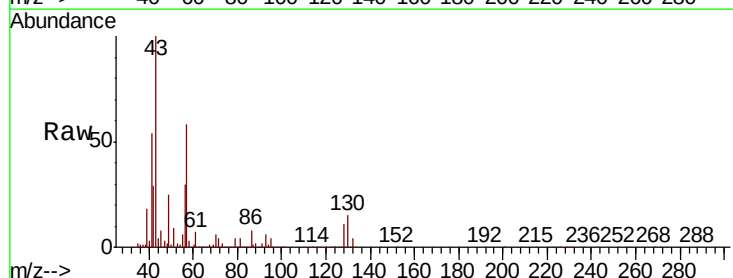
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.3	12.5
61	9.5	7.3	10.9
70	7.1	5.4	8.0

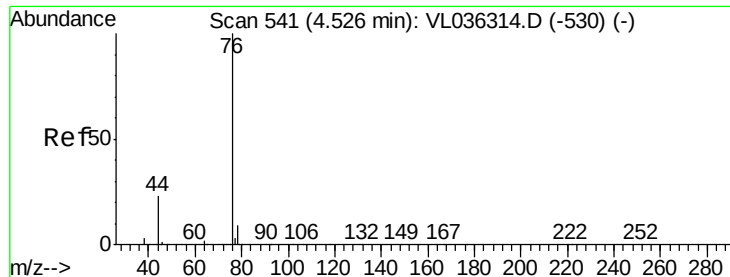


#26
Hexane
Concen: 9.883 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Tgt Ion: 57 Resp: 1479329

Ion	Ratio	Lower	Upper
57	100		
41	98.8	81.7	122.5
43	245.4	199.1	298.7
56	54.8	44.0	66.0





#27

Carbon Disulfide

Concen: 11.192 ppbv

RT: 4.54 min Scan# 544

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

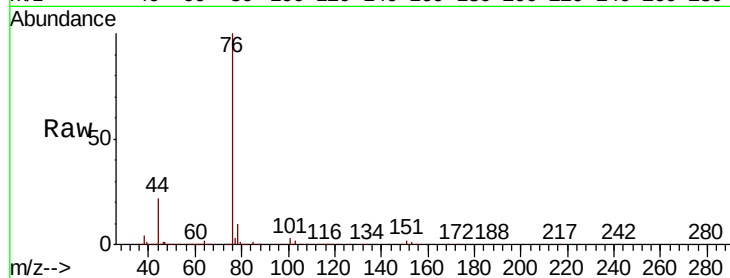
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 1539677

Ion	Ratio	Lower	Upper
76	100		
44	21.2	18.4	27.6
78	9.4	8.0	12.0

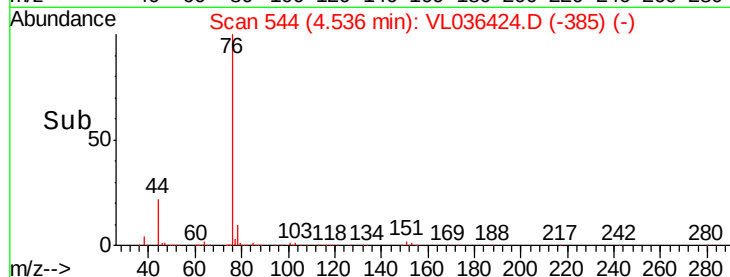


Abundance

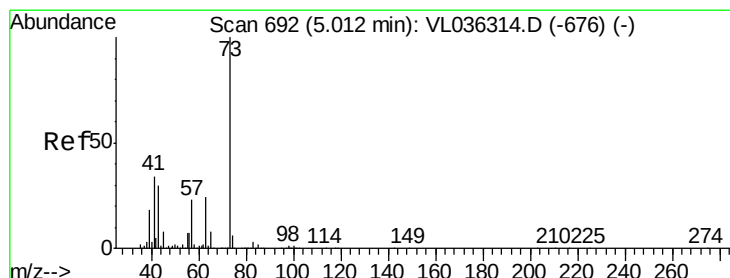
Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



Time-->



#28

Methyl tert-Butyl Ether

Concen: 10.038 ppbv

RT: 5.02 min Scan# 695

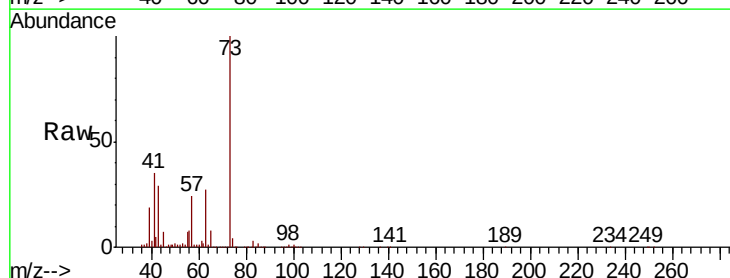
Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 73 Resp: 1962878

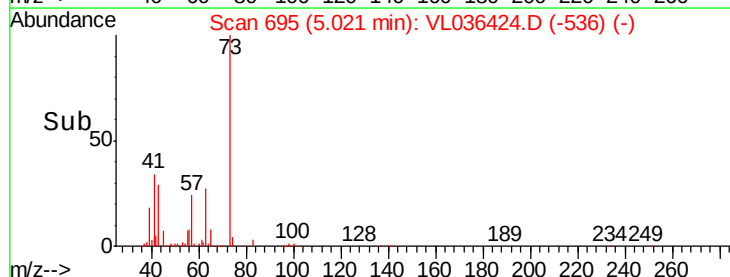
Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8



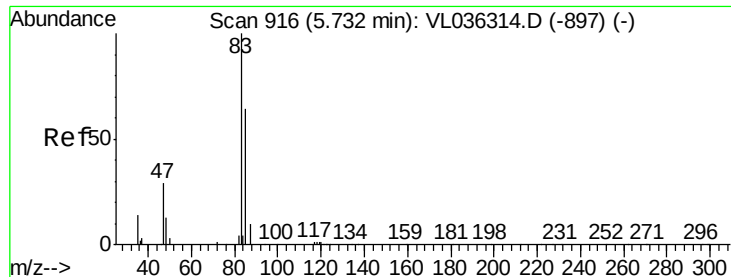
Abundance

Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->



#29

Chloroform

Concen: 9.686 ppbv

RT: 5.74 min Scan# 918

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

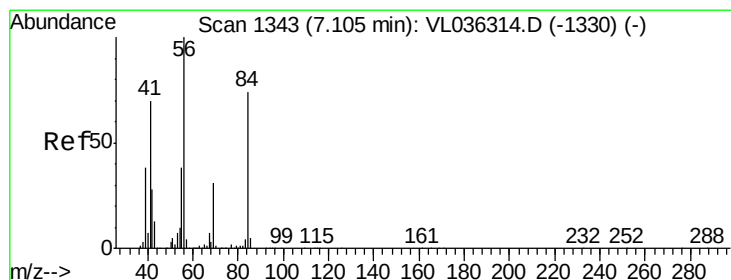
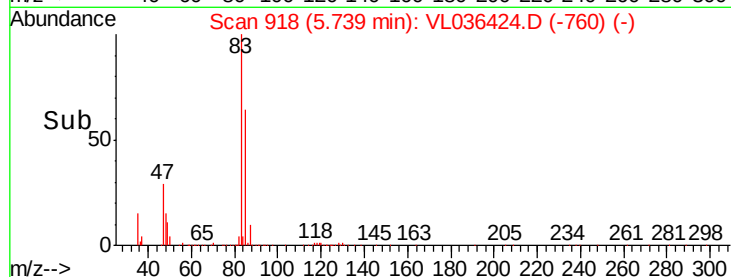
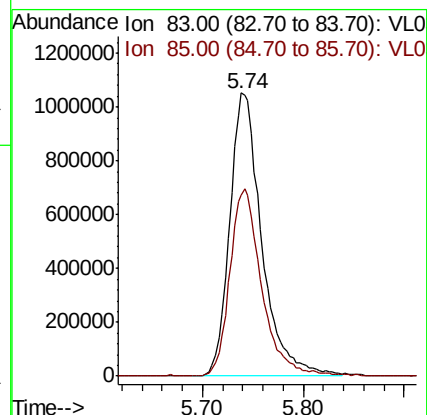
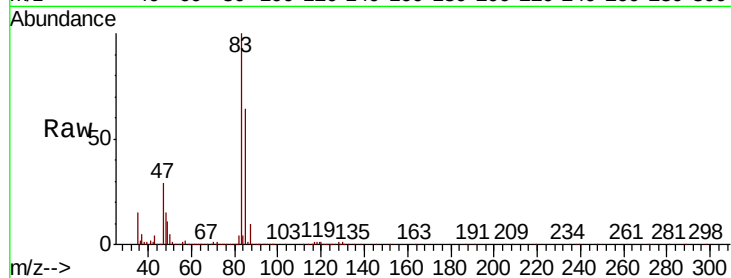
VSTDCCC010

Tot Ion: 83 Resp: 2335768

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.2



#30

Cyclohexane

Concen: 9.735 ppbv

RT: 7.11 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

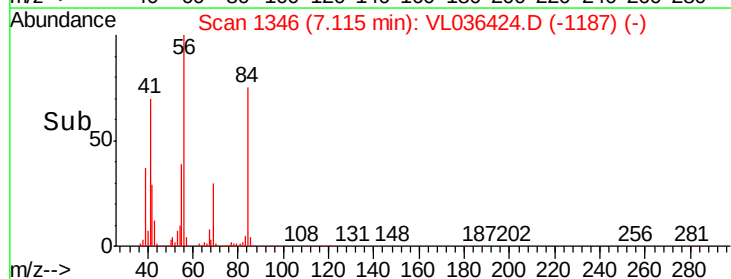
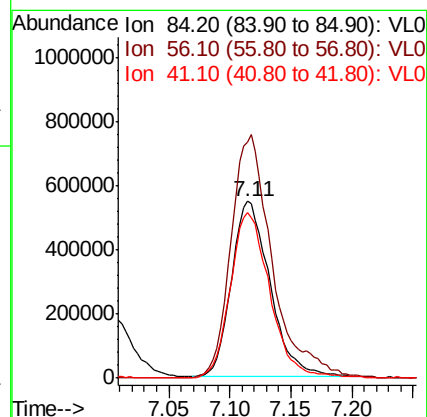
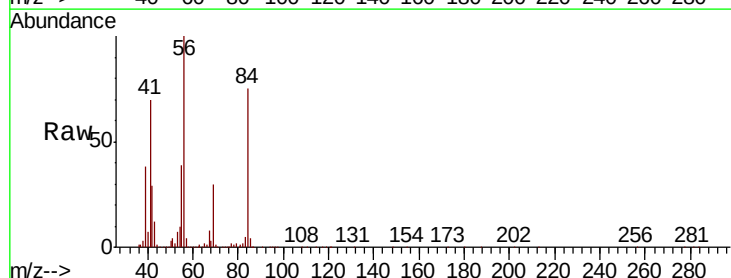
Tgt Ion: 84 Resp: 1211921

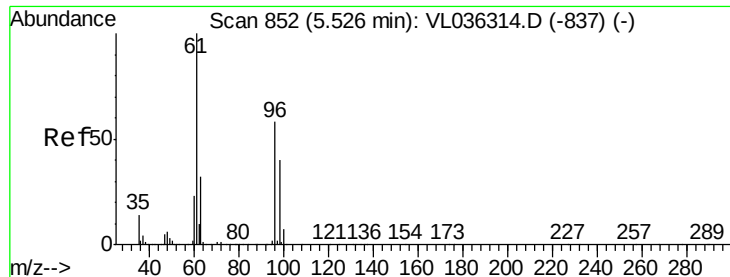
Ion Ratio Lower Upper

84 100

56 149.0 120.2 180.4

41 96.7 79.7 119.5



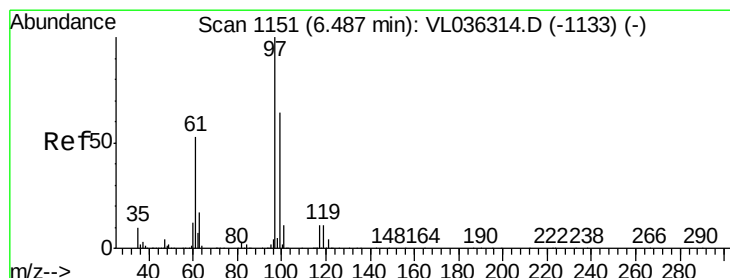
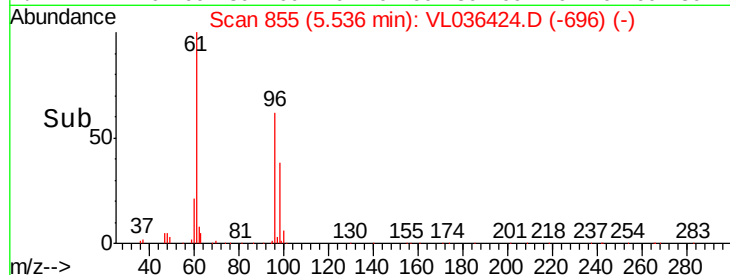
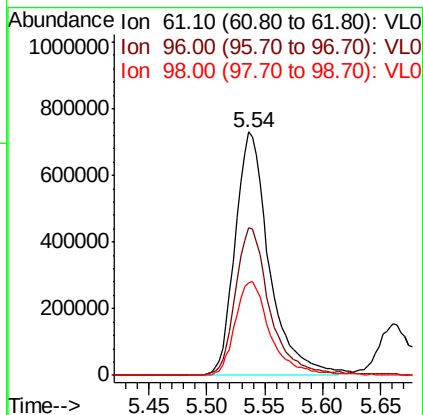
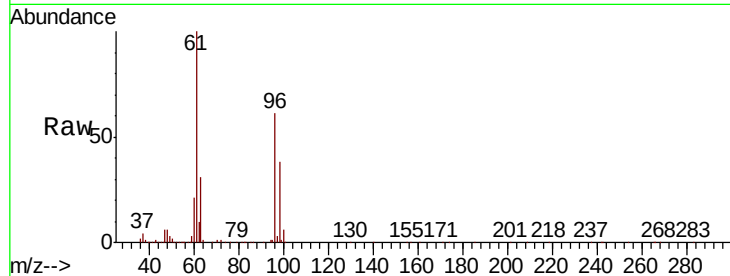


#31

cis-1,2-Dichloroethene
 Concen: 10.031 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

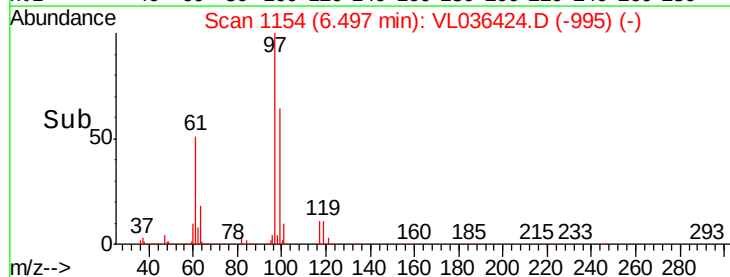
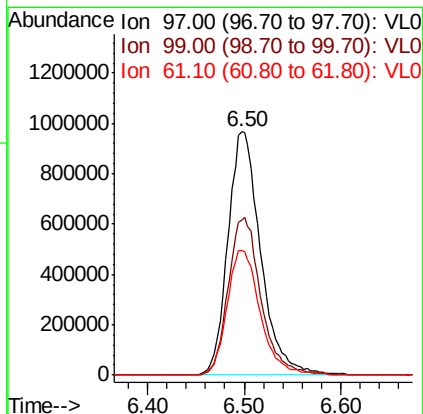
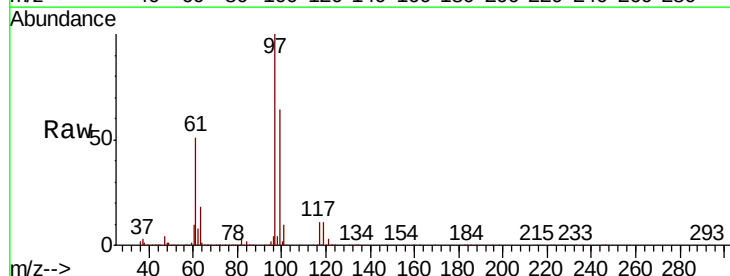
Tot Ion: 61 Resp: 1485728
 Ion Ratio Lower Upper
 61 100
 96 60.8 46.0 69.0
 98 38.2 31.9 47.9

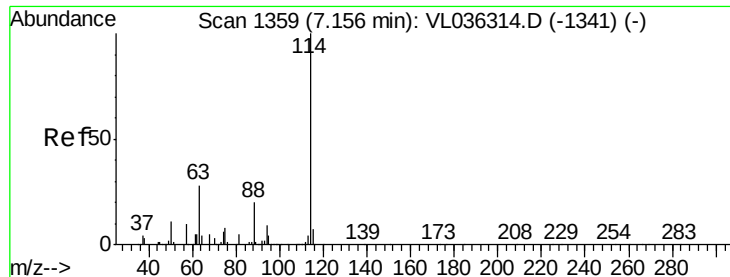


#32

1,1,1-Trichloroethane
 Concen: 10.097 ppbv
 RT: 6.50 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 97 Resp: 2276350
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 51.9 43.3 64.9

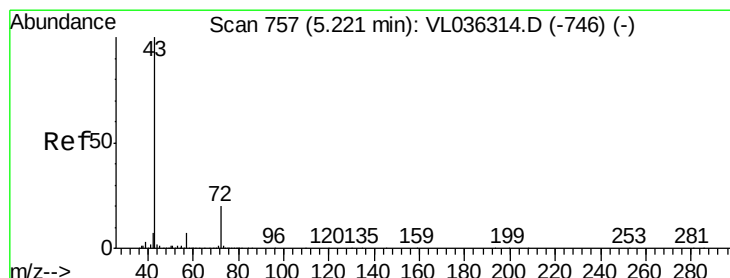
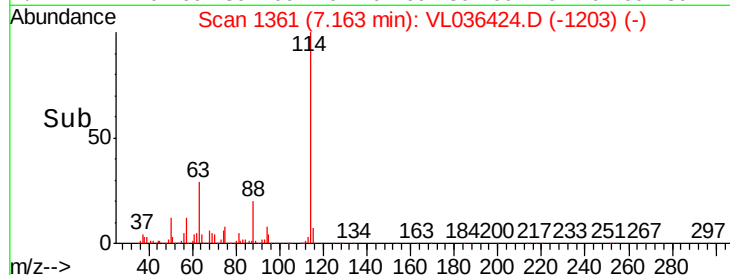
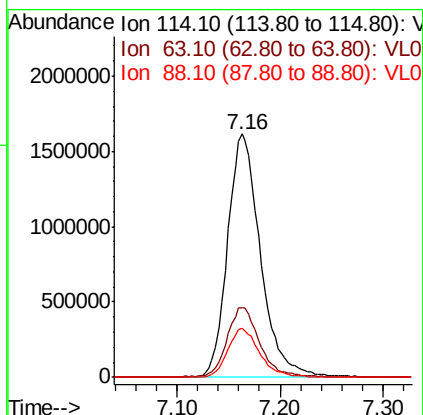
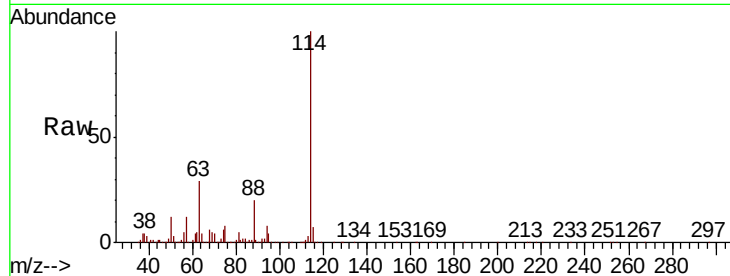




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

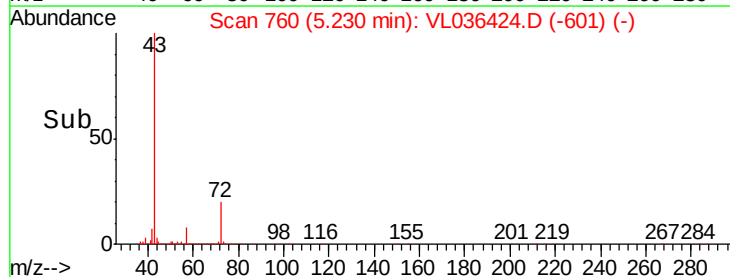
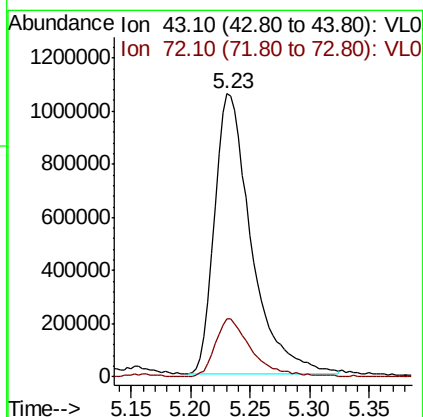
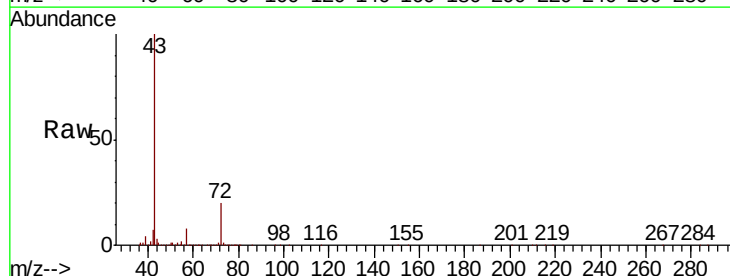
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

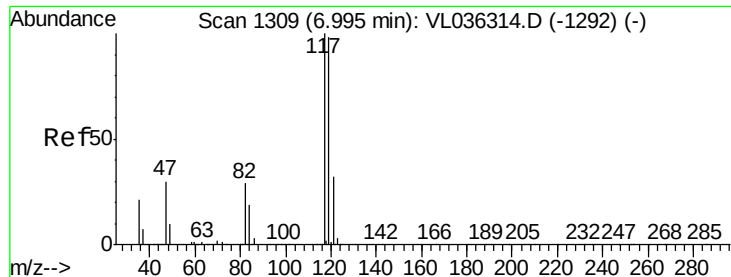
Tot Ion:114 Resp: 3593688
 Ion Ratio Lower Upper
 114 100
 63 29.0 24.1 36.1
 88 19.6 16.0 24.0



#34
 2-Butanone
 Concen: 9.481 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 43 Resp: 2263750
 Ion Ratio Lower Upper
 43 100
 72 20.6 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.746 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

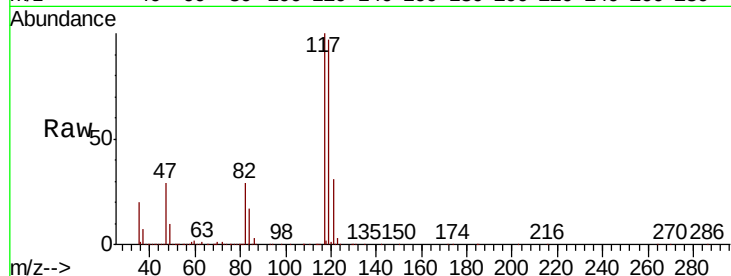
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 2347291

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
121	31.1	25.8	38.8

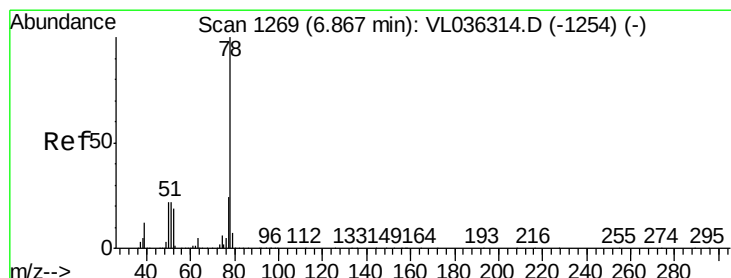
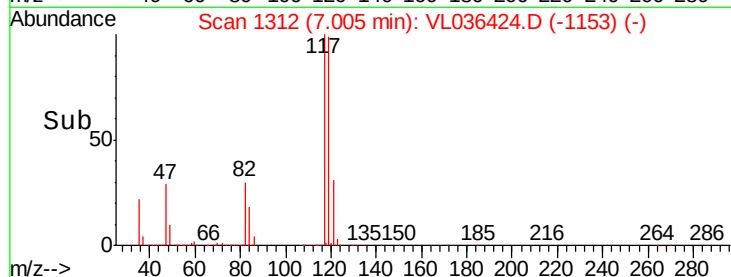
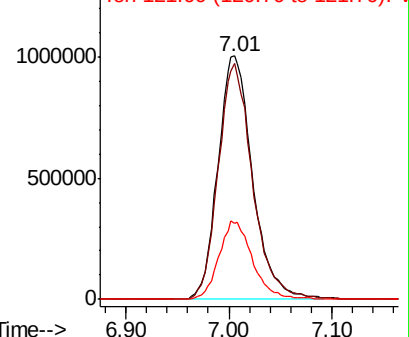


Abundance

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: 10.039 ppbv

RT: 6.88 min Scan# 1272

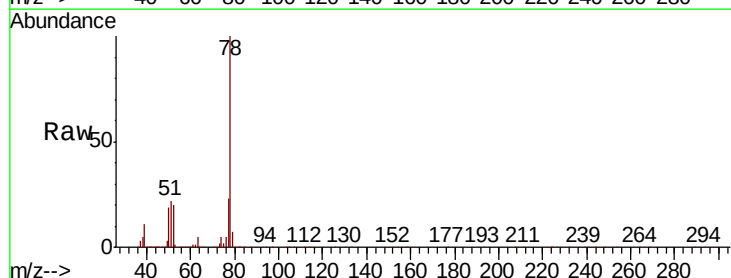
Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 78 Resp: 3064527

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3
50	19.5	17.3	25.9

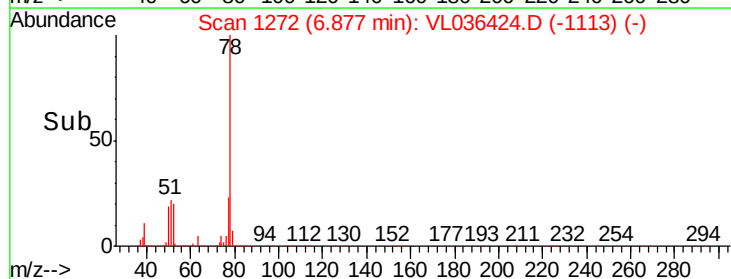
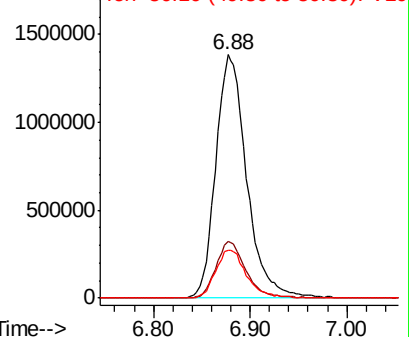


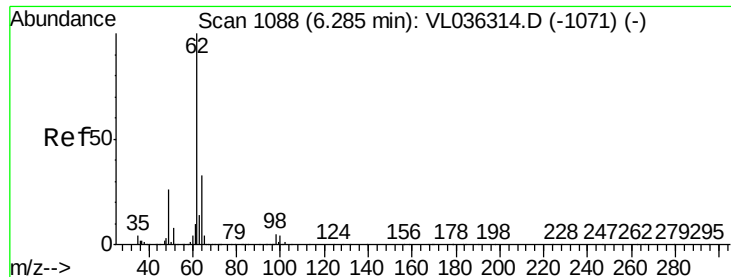
Abundance

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

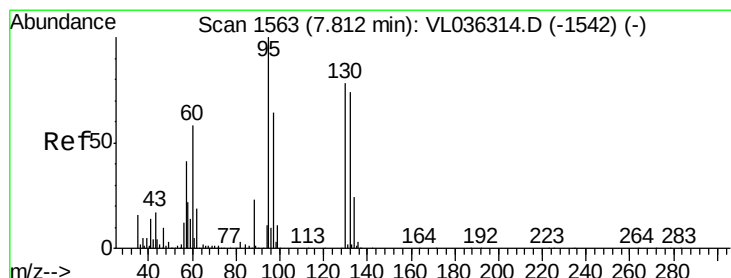
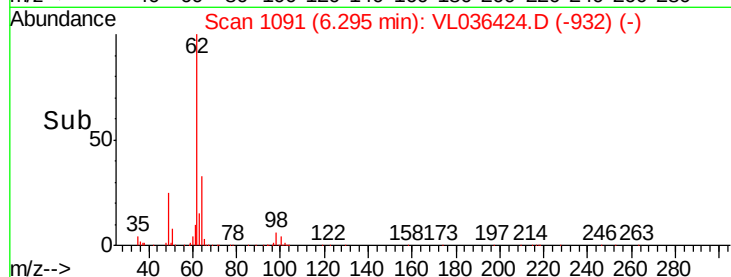
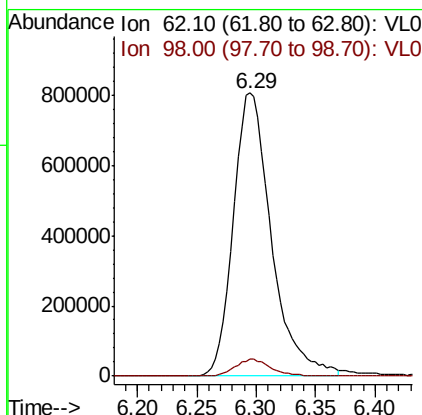
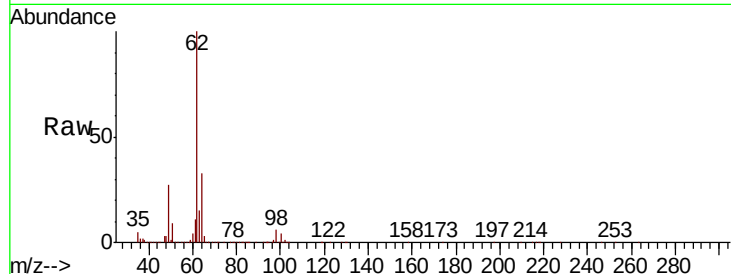




#37
 1,2-Dichloroethane
 Concen: 9.500 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

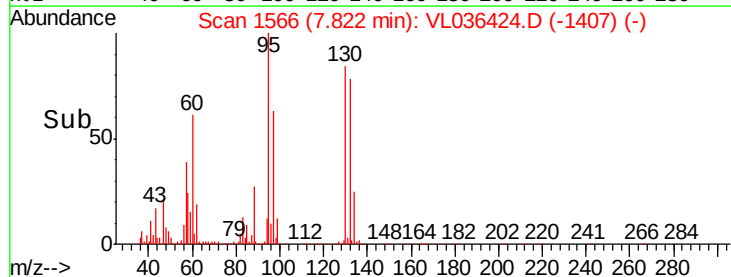
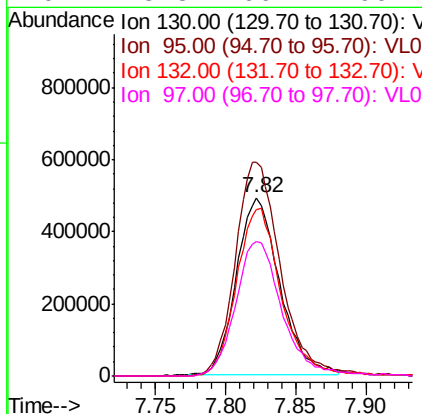
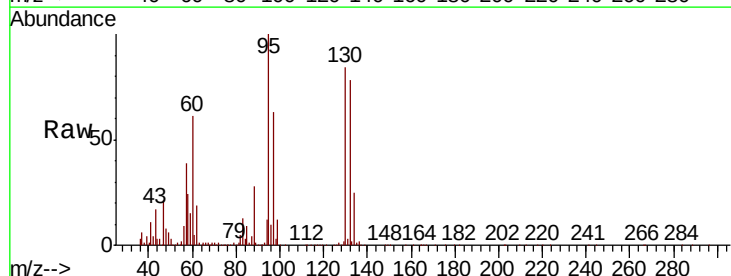
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

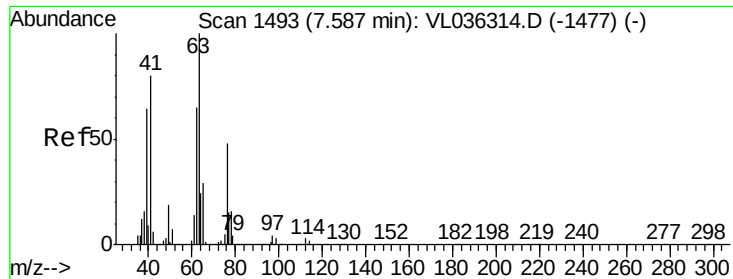
Tot Ion: 62 Resp: 1793017
 Ion Ratio Lower Upper
 62 100
 98 6.0 4.5 6.7



#38
 Trichloroethene
 Concen: 9.687 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 130 Resp: 1059381
 Ion Ratio Lower Upper
 130 100
 95 120.2 102.8 154.2
 132 93.9 75.7 113.5
 97 75.3 66.2 99.2



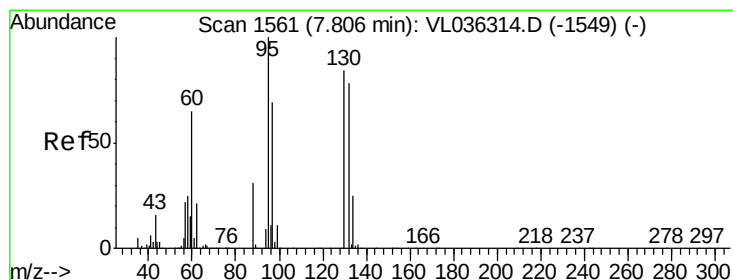
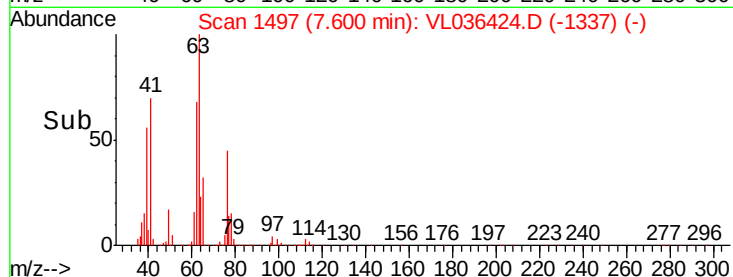
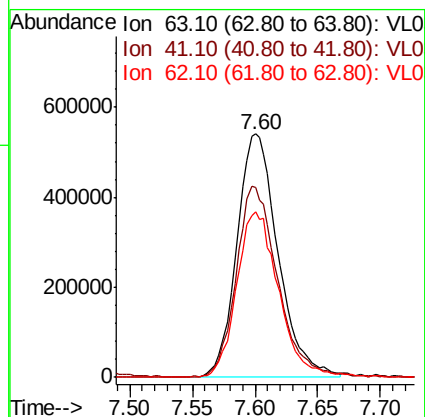
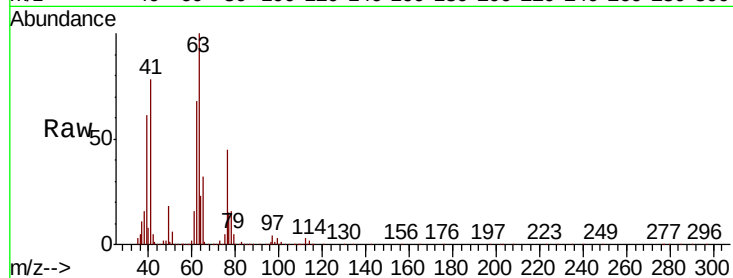


#39
 1,2-Dichloropropane
 Concen: 9.941 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 63 Resp: 1232732

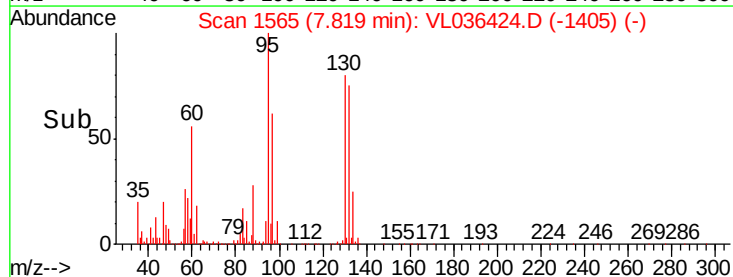
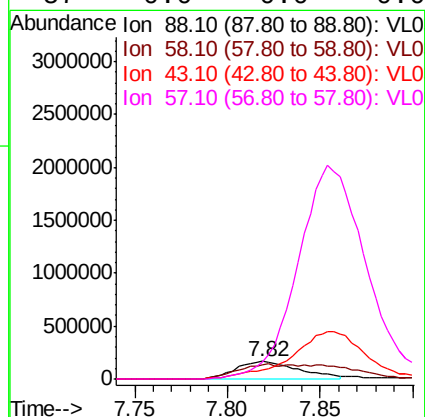
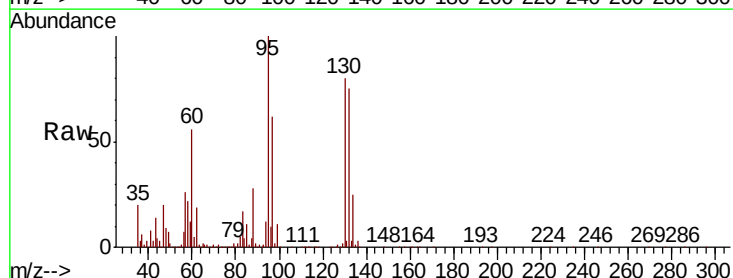
Ion	Ratio	Lower	Upper
63	100		
41	77.6	63.8	95.6
62	68.1	52.3	78.5

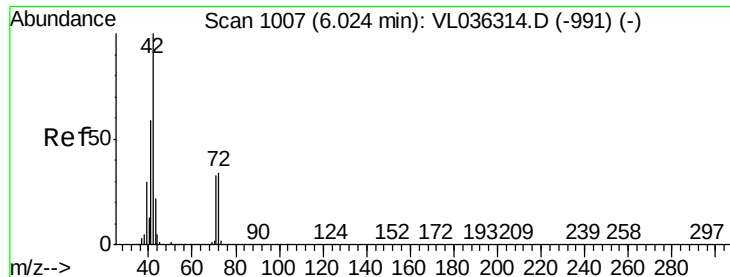


#40
 1,4-Dioxane
 Concen: 8.992 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 88 Resp: 386343

Ion	Ratio	Lower	Upper
88	100		
58	152.7	45.0	67.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.203 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

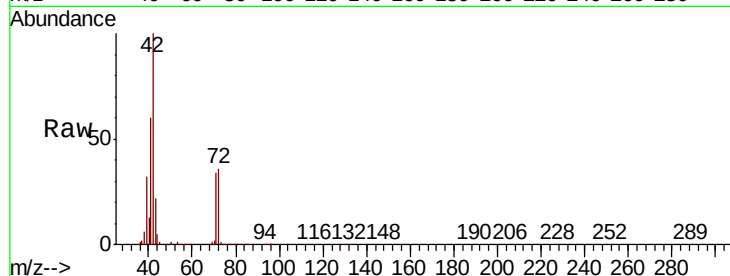
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 42 Resp: 1359523

Ion	Ratio	Lower	Upper
42	100		
72	35.7	29.3	43.9
71	34.8	27.8	41.8

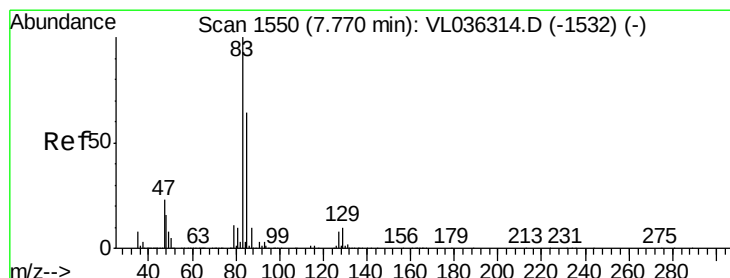
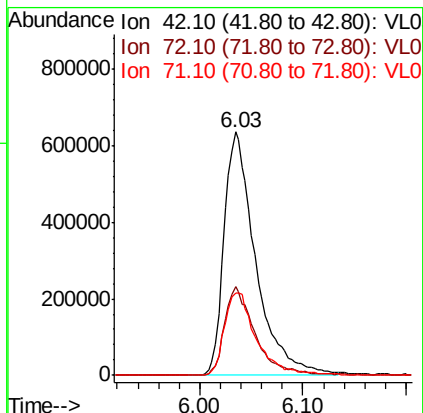
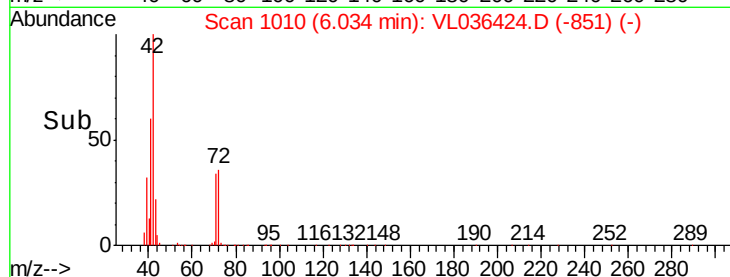


Abundance

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: 9.785 ppbv

RT: 7.78 min Scan# 1552

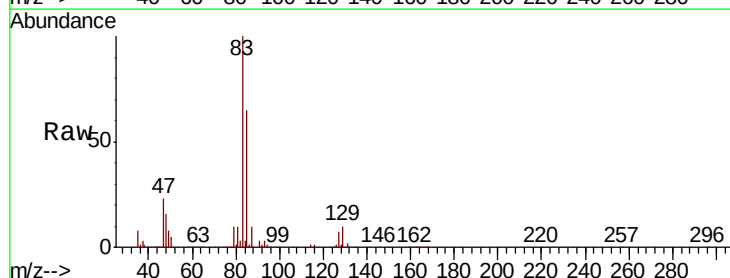
Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 83 Resp: 2473489

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.1	76.7
127	7.3	6.3	9.5

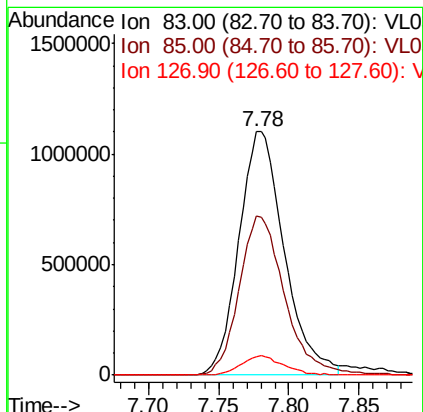
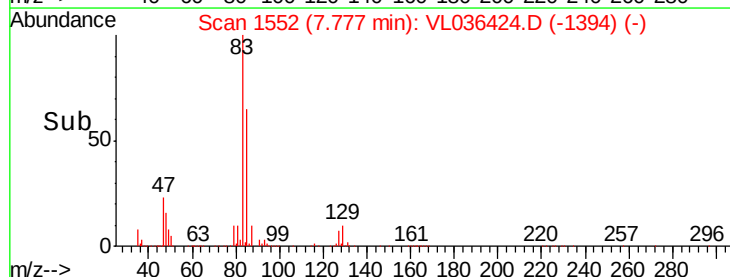


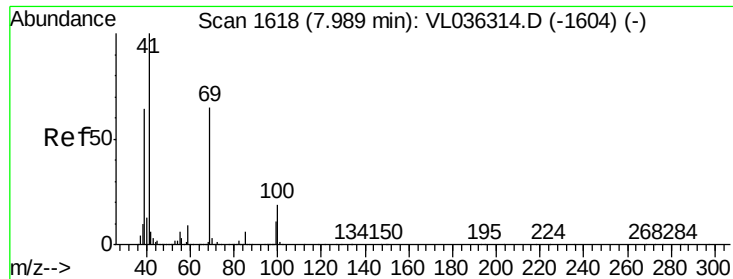
Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.434 ppbv

RT: 8.00 min Scan# 1621

Delta R.T. 0.01 min

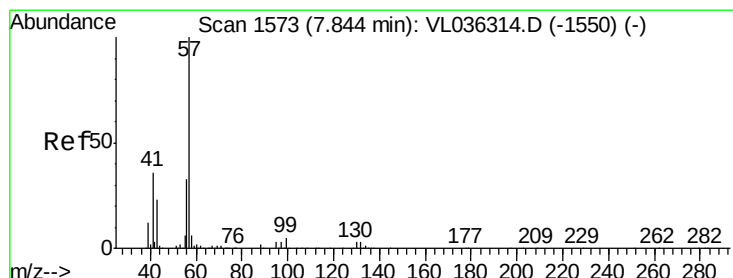
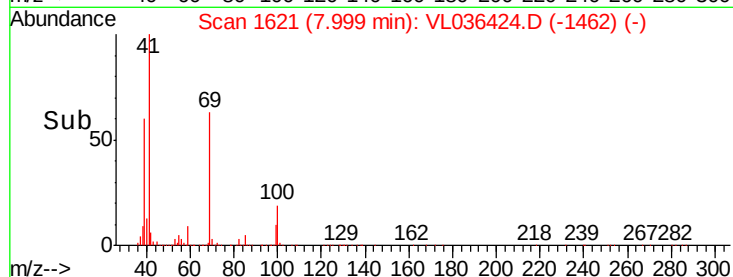
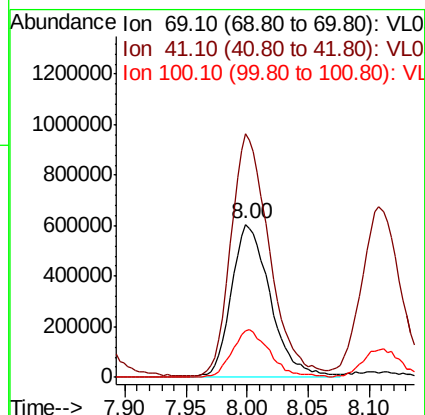
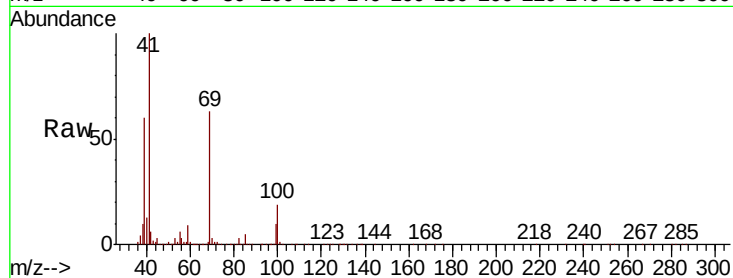
Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1343346

Ion	Ratio	Lower	Upper
69	100		
41	158.0	126.5	189.7
100	30.3	23.1	34.7



#44

2,2,4-Trimethylpentane

Concen: 9.425 ppbv

RT: 7.85 min Scan# 1576

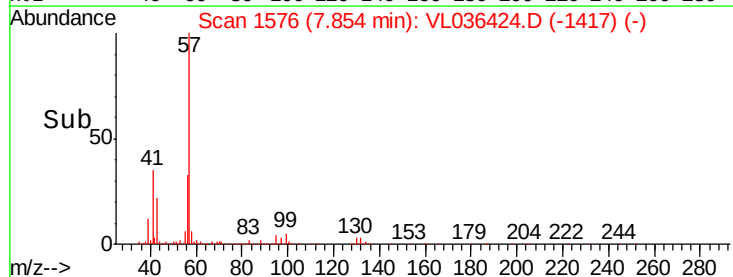
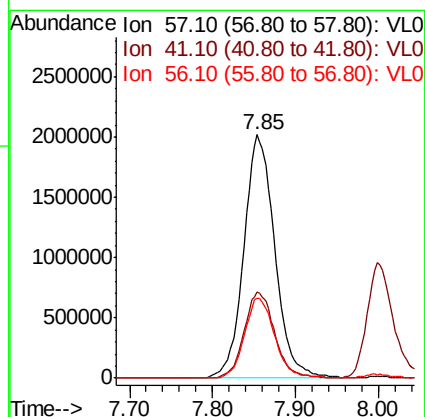
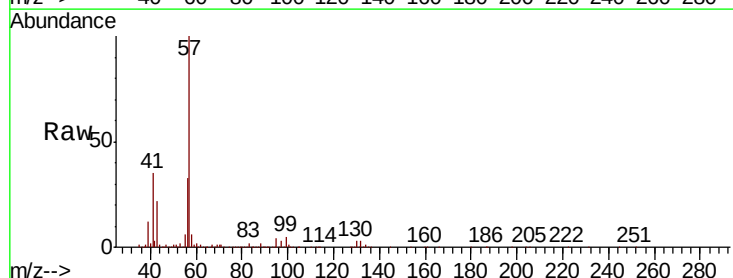
Delta R.T. 0.01 min

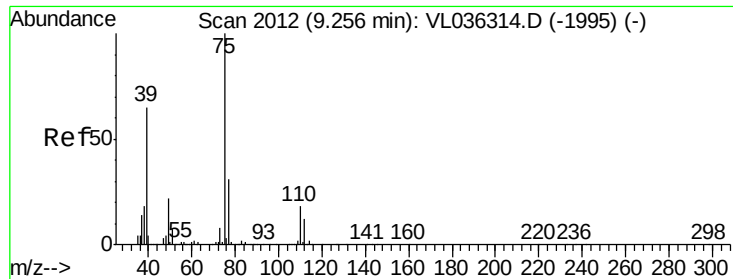
Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion: 57 Resp: 5231972

Ion	Ratio	Lower	Upper
57	100		
41	34.6	28.8	43.2
56	32.2	25.8	38.6





#45

t-1,3-Dichloropropene

Concen: 11.632 ppbv

RT: 9.27 min Scan# 2015

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

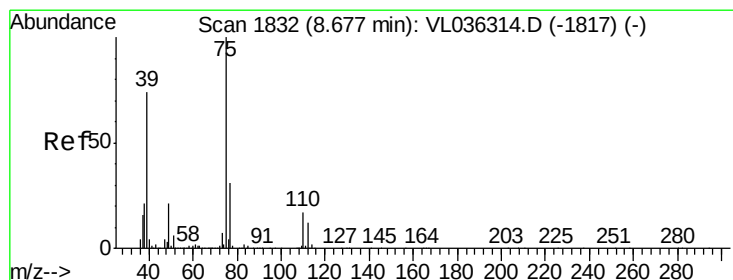
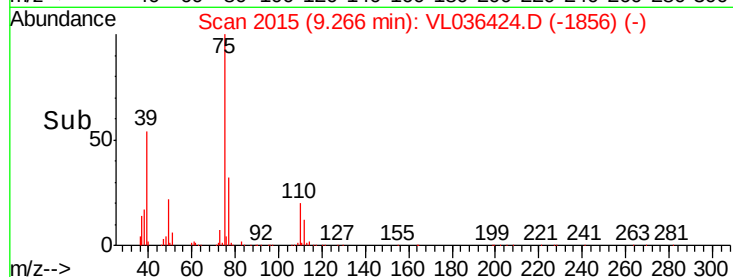
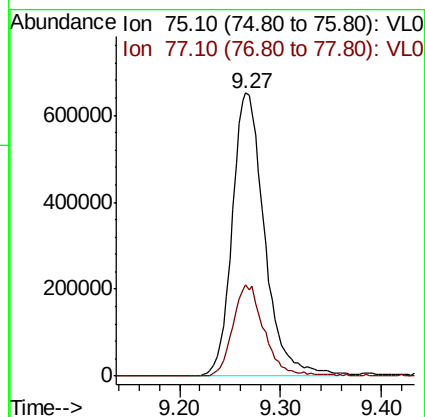
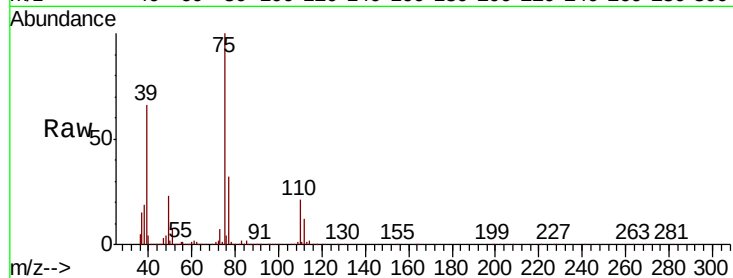
VSTDCCC010

Tot Ion: 75 Resp: 1444652

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 11.087 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.02 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

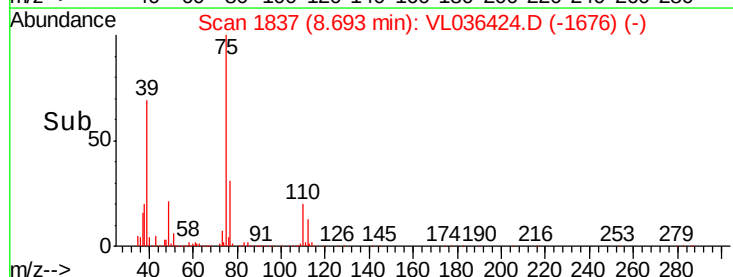
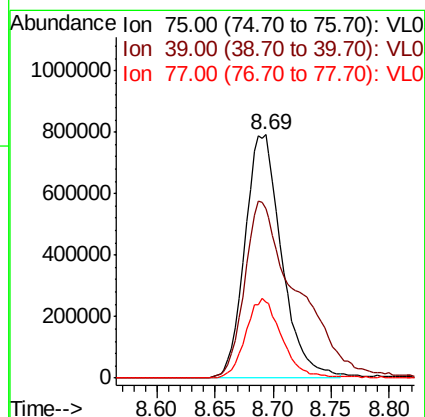
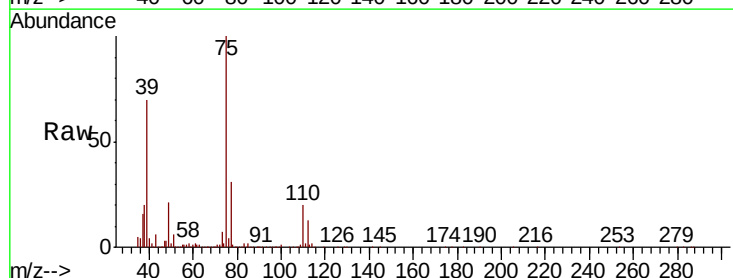
Tgt Ion: 75 Resp: 1749043

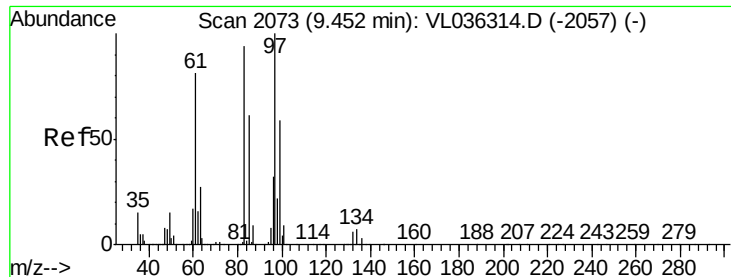
Ion Ratio Lower Upper

75 100

39 69.6 59.2 88.8

77 31.3 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 9.780 ppbv

RT: 9.46 min Scan# 2076

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 97 Resp: 1241138

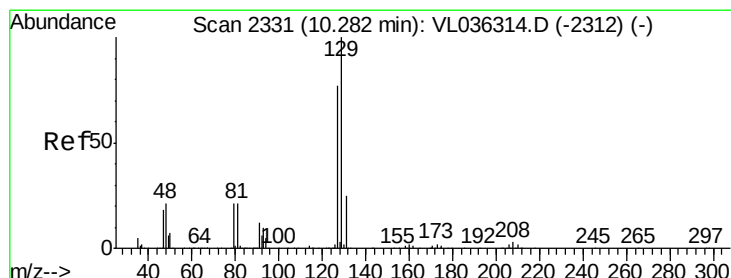
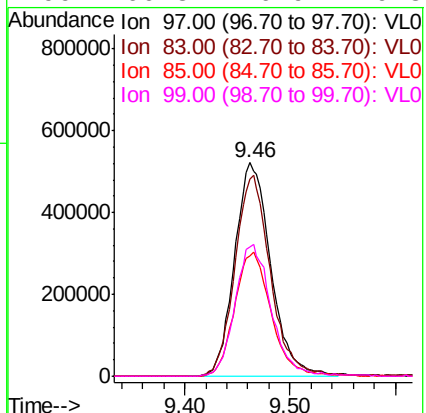
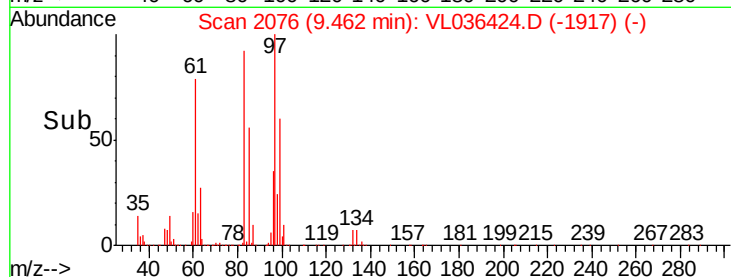
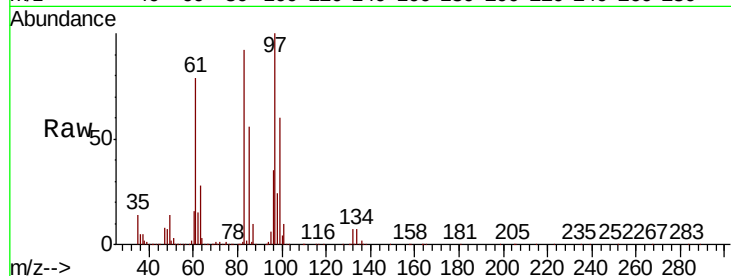
Ion	Ratio	Lower	Upper
97	100		
83	92.1	75.4	113.0
85	56.3	48.9	73.3
99	60.3	46.9	70.3

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: 10.547 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. 0.01 min

Lab File: VL036424.D

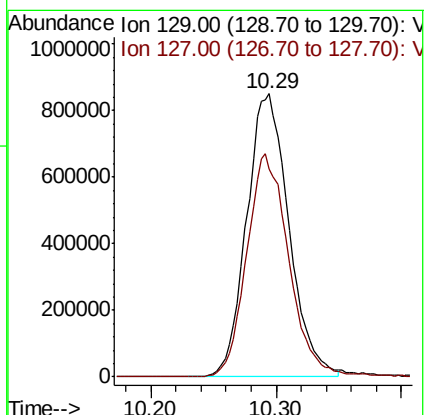
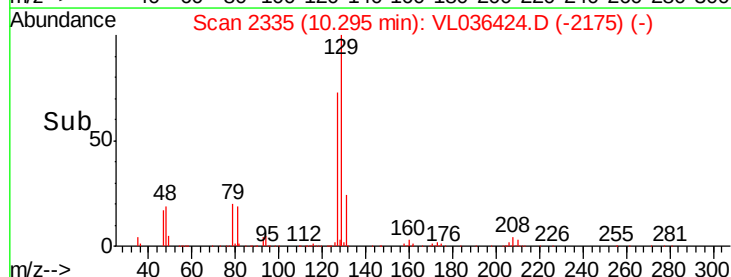
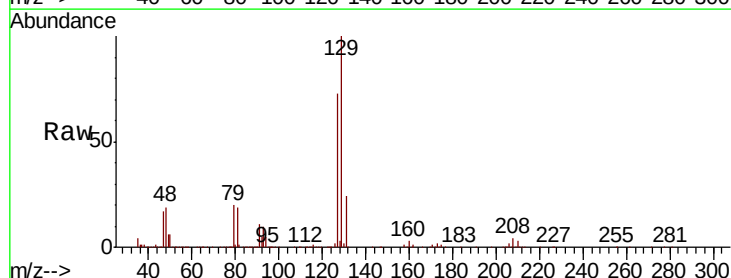
Acq: 2 Mar 2021 9:47

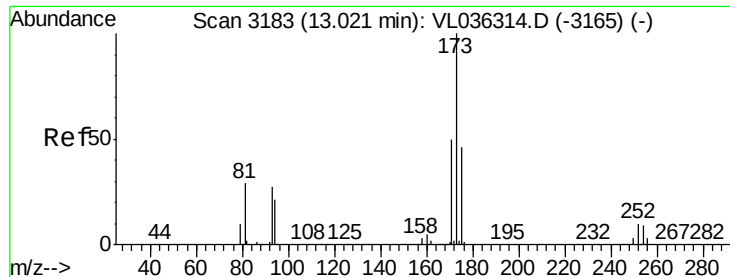
Tgt Ion: 129 Resp: 1997330

Ion	Ratio	Lower	Upper
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: 11.068 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

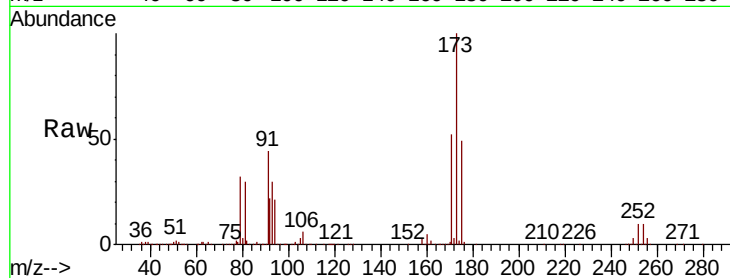
Tot Ion:173 Resp: 1694443

Ion Ratio Lower Upper

173 100

175 50.2 40.2 60.2

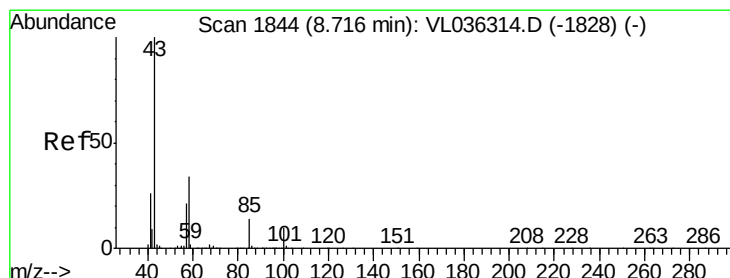
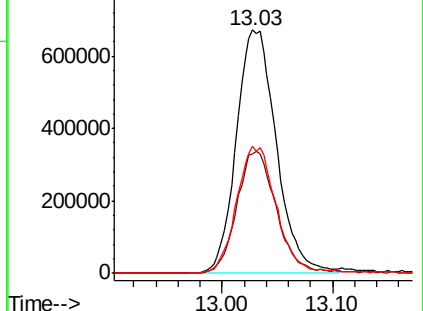
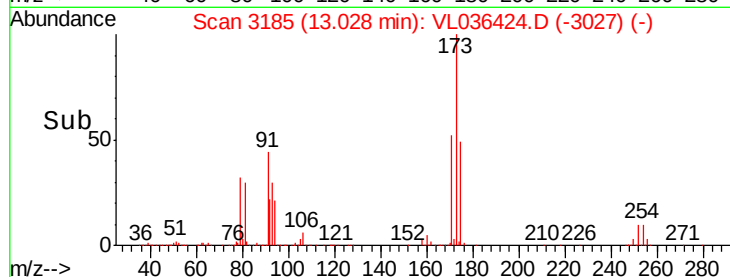
171 51.9 43.4 65.2



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: 9.999 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL036424.D

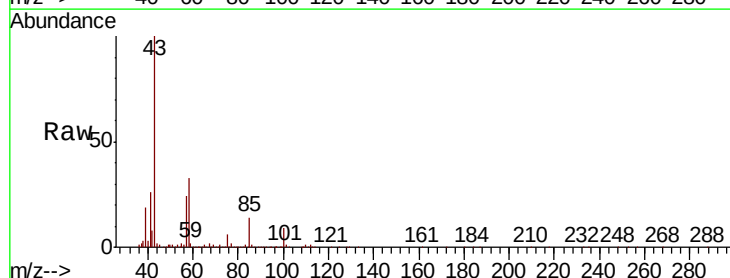
Acq: 2 Mar 2021 9:47

Tgt Ion: 43 Resp: 3544410

Ion Ratio Lower Upper

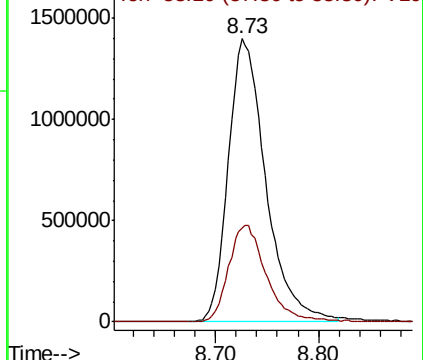
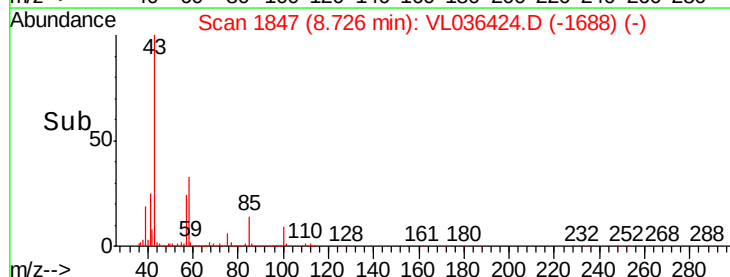
43 100

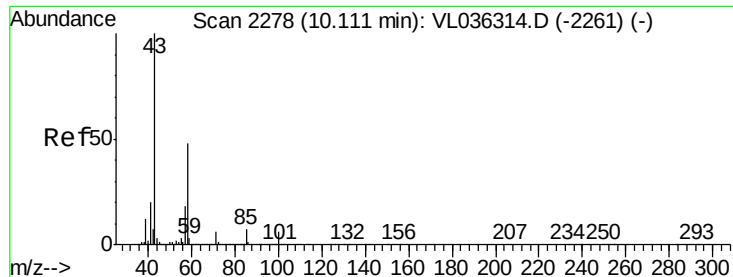
58 34.4 27.8 41.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

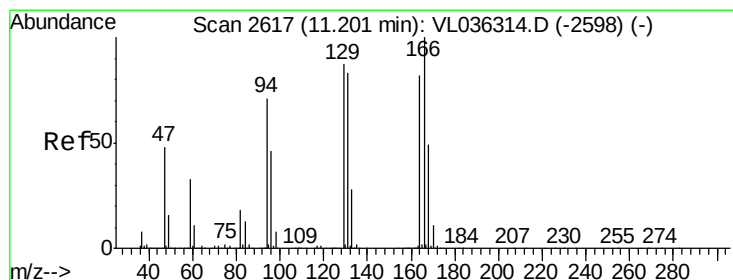
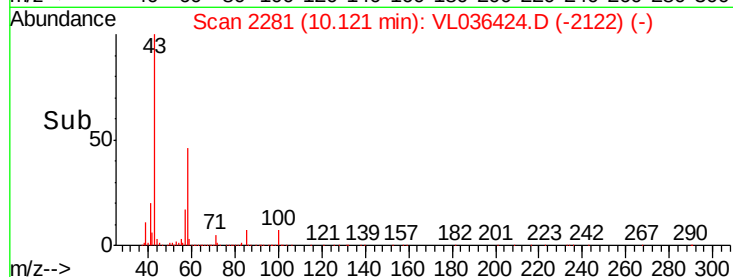
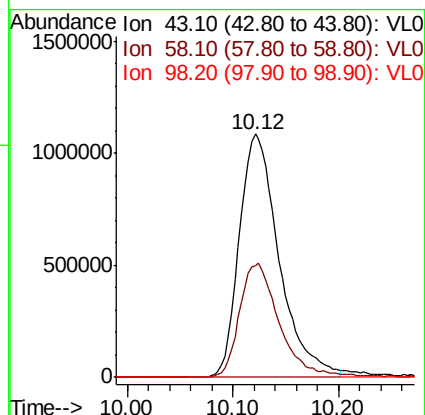
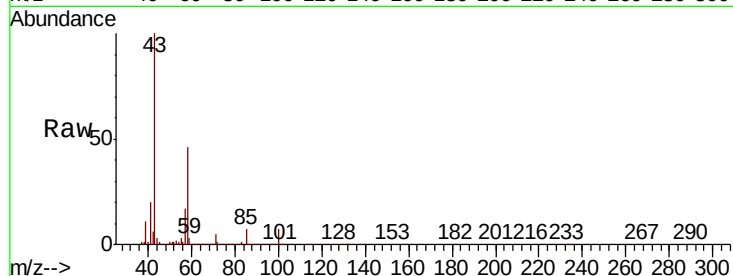




#51
2-Hexanone
Concen: 10.590 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

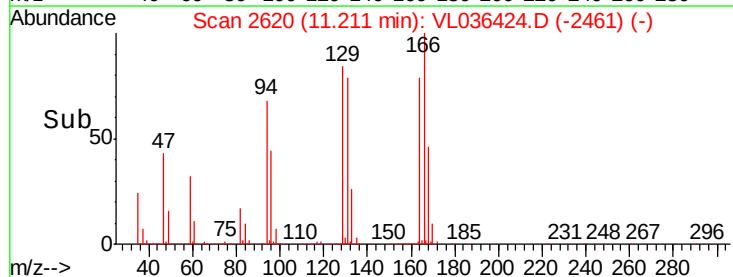
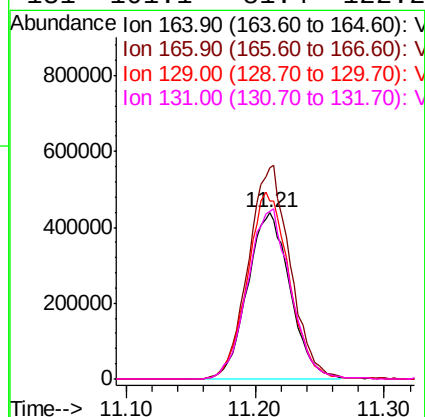
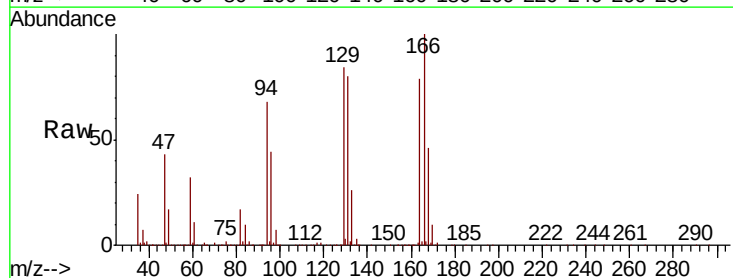
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

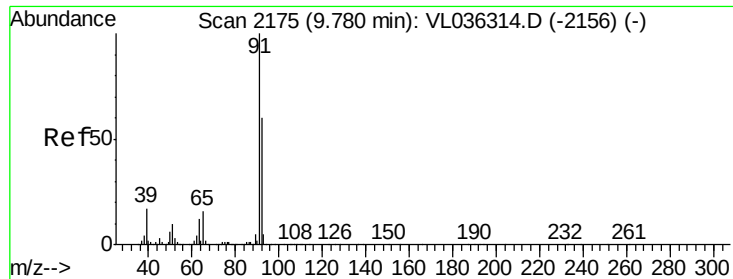
Tot Ion: 43 Resp: 2852272
Ion Ratio Lower Upper
43 100
58 47.3 38.7 58.1
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 9.002 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Tgt Ion: 164 Resp: 1006065
Ion Ratio Lower Upper
164 100
166 127.1 97.8 146.8
129 106.9 84.9 127.3
131 101.1 81.4 122.2





#53

Toluene

Concen: 10.303 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

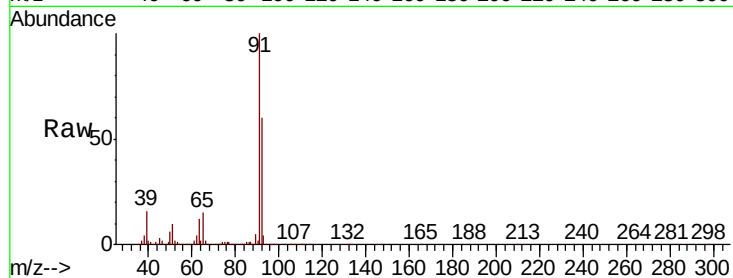
VSTDCCC010

Tot Ion: 91 Resp: 3406700

Ion Ratio Lower Upper

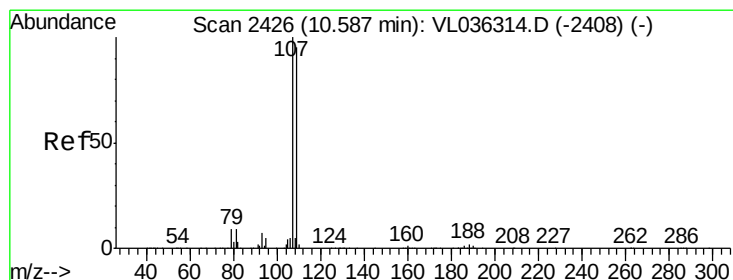
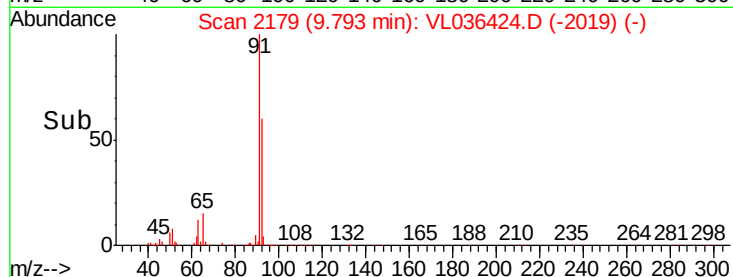
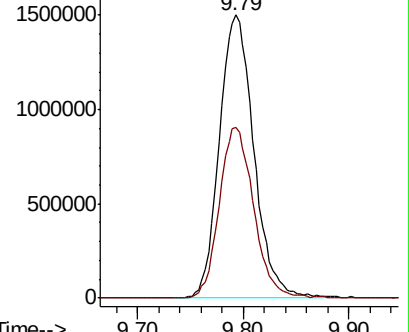
91 100

92 60.5 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.937 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. 0.01 min

Lab File: VL036424.D

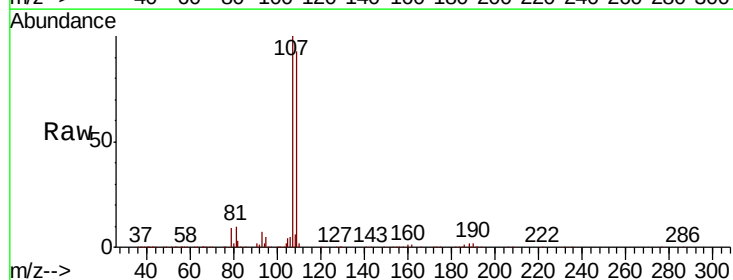
Acq: 2 Mar 2021 9:47

Tgt Ion: 107 Resp: 1822353

Ion Ratio Lower Upper

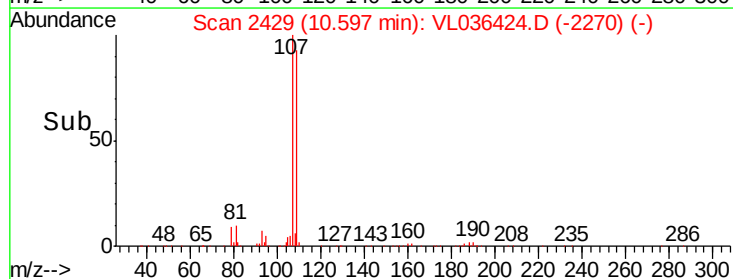
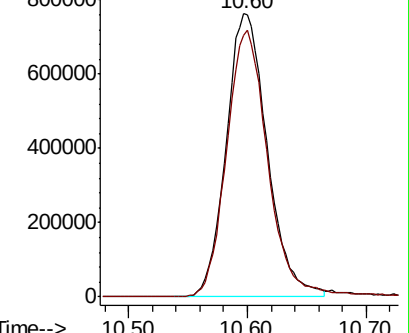
107 100

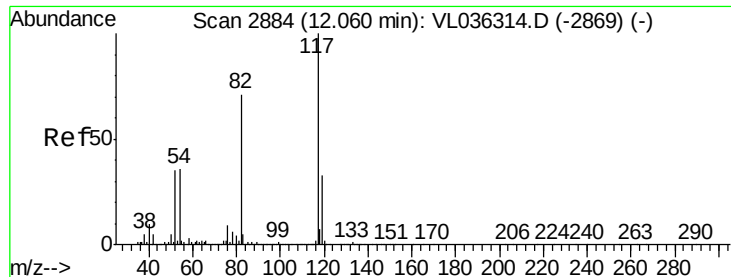
109 92.6 76.0 114.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

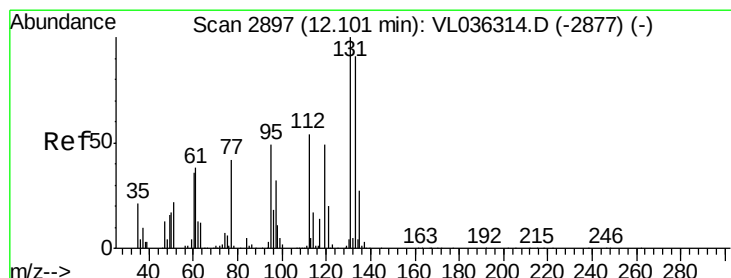
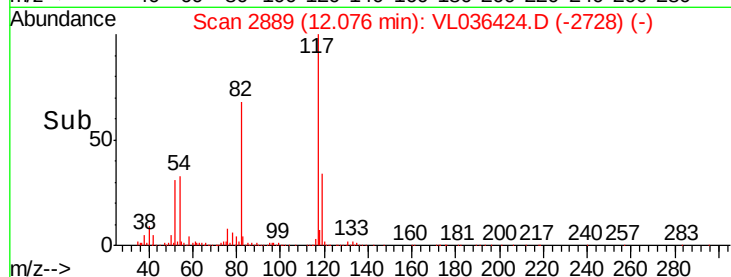
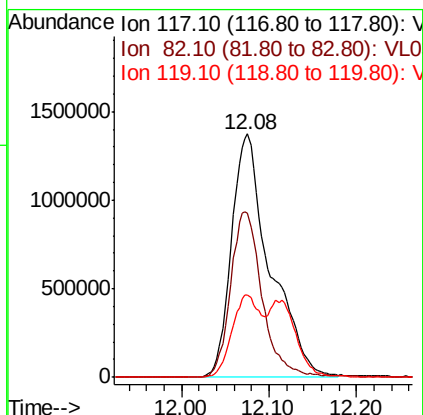
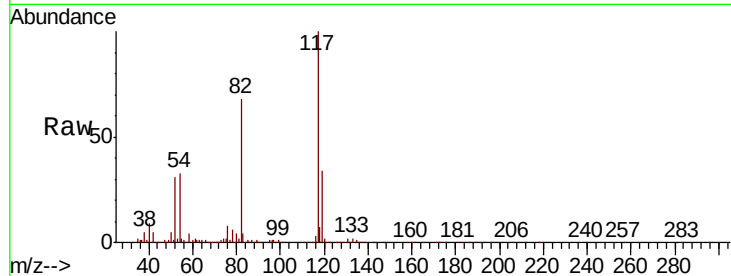




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.02 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

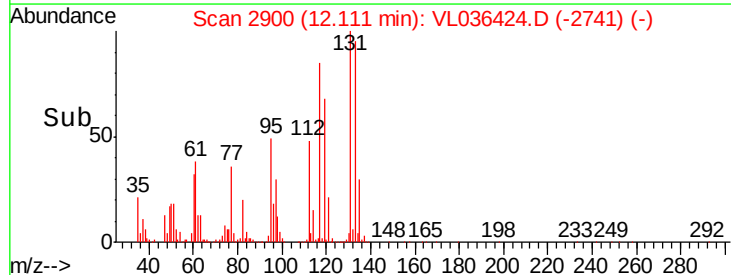
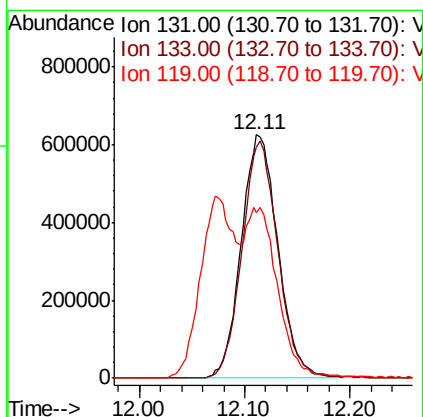
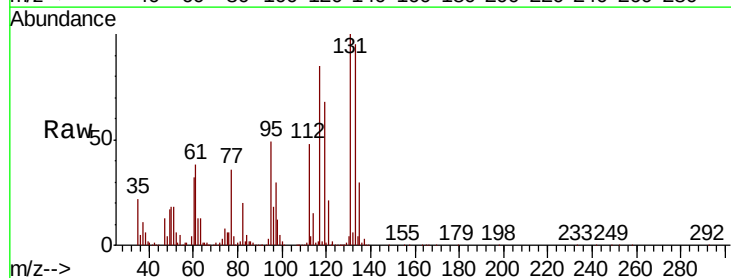
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

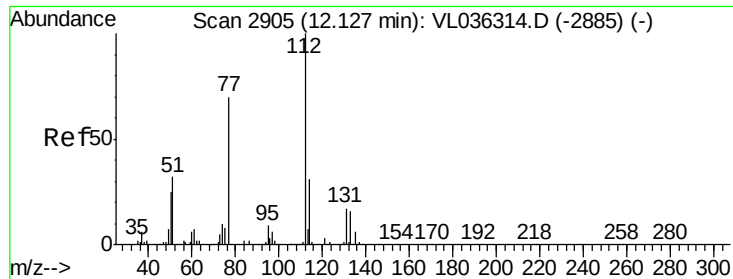
Tot Ion:117 Resp: 4189427
Ion Ratio Lower Upper
117 100
82 56.6 59.1 88.7#
119 23.8 46.3 69.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.839 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VL036424.D
Acq: 2 Mar 2021 9:47

Tgt Ion:131 Resp: 1510488
Ion Ratio Lower Upper
131 100
133 96.1 76.0 114.0
119 59.3 115.1 172.7#





#57

Chlorobenzene

Concen: 7.541 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

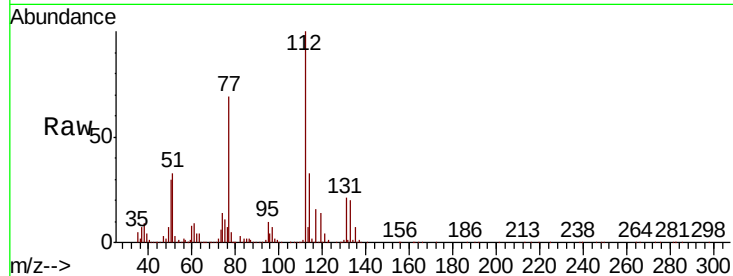
Tot Ion:112 Resp: 2440780

Ion Ratio Lower Upper

112 100

77 68.2 56.1 84.1

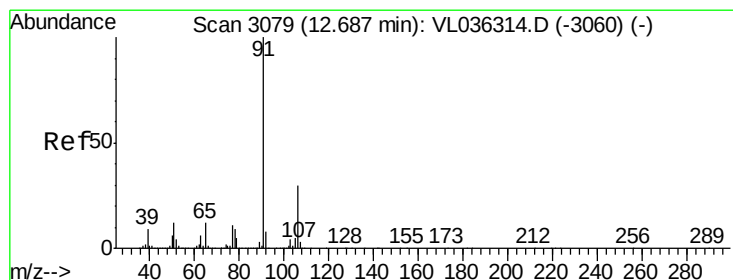
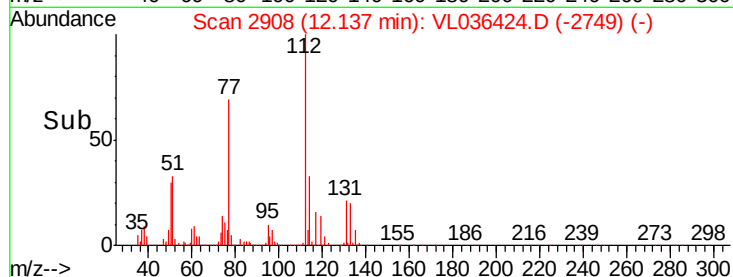
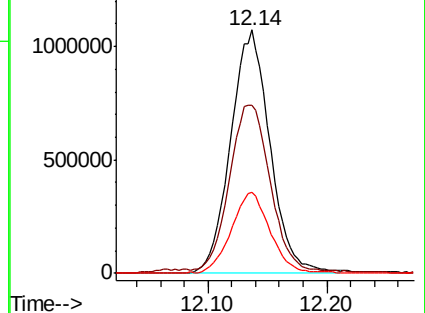
114 33.1 28.3 34.5



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: 8.060 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. 0.01 min

Lab File: VL036424.D

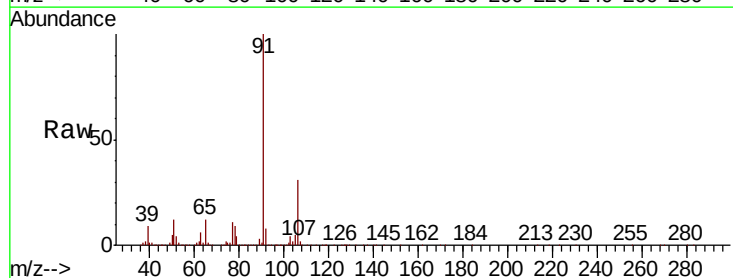
Acq: 2 Mar 2021 9:47

Tgt Ion: 91 Resp: 4623581

Ion Ratio Lower Upper

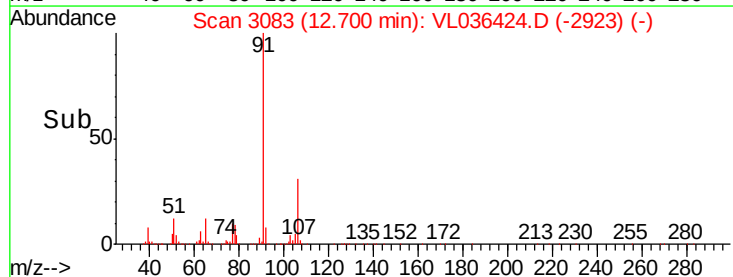
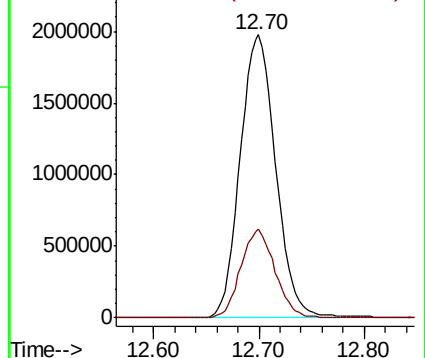
91 100

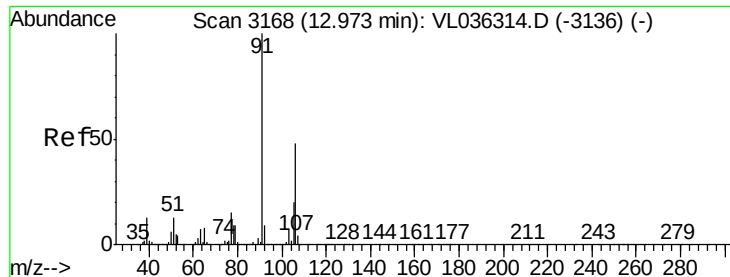
106 31.5 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 6.916 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

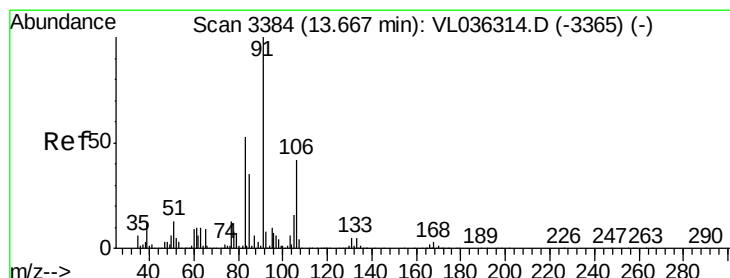
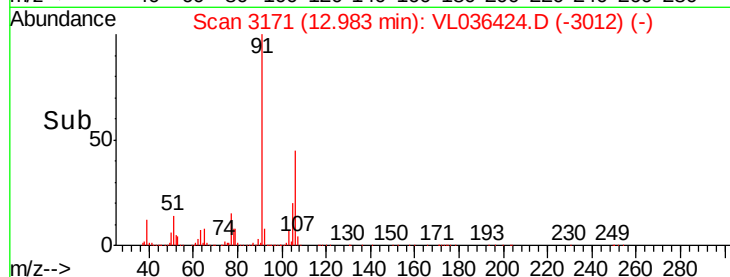
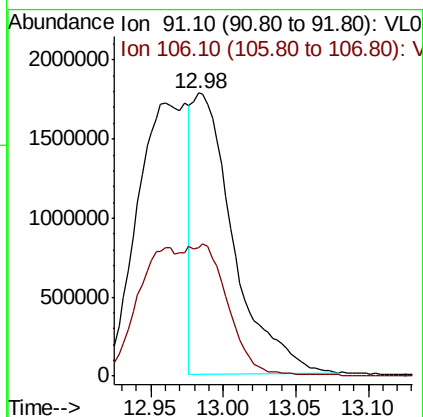
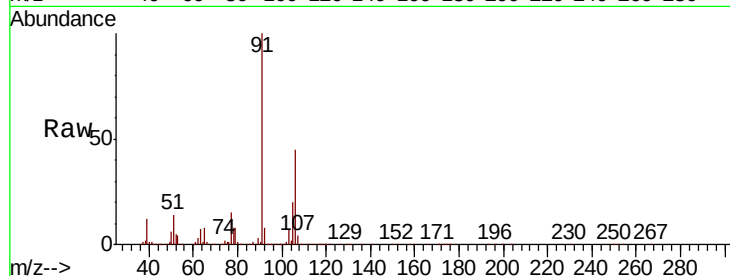
VSTDCCC010

Tot Ion: 91 Resp: 3484780

Ion Ratio Lower Upper

91 100

106 97.7 34.2 51.2#



#60

o-Xylene

Concen: 7.654 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. 0.01 min

Lab File: VL036424.D

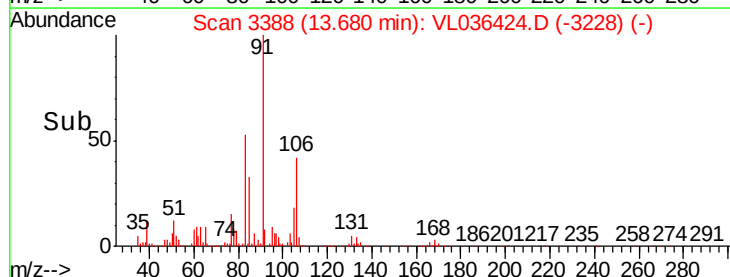
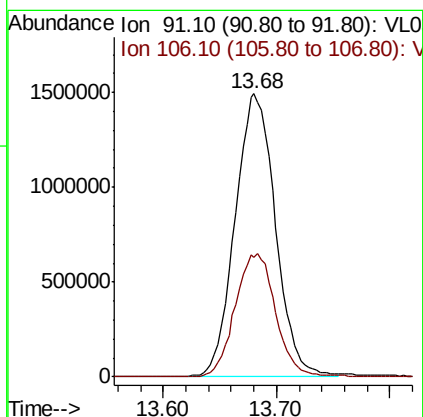
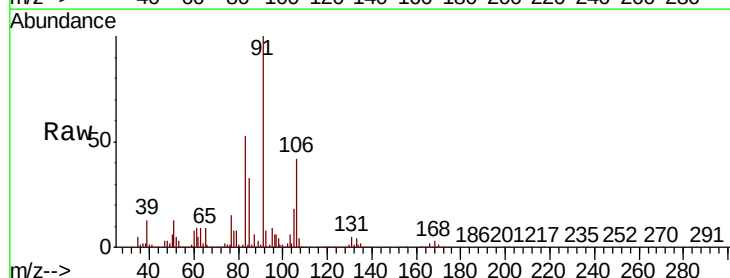
Acq: 2 Mar 2021 9:47

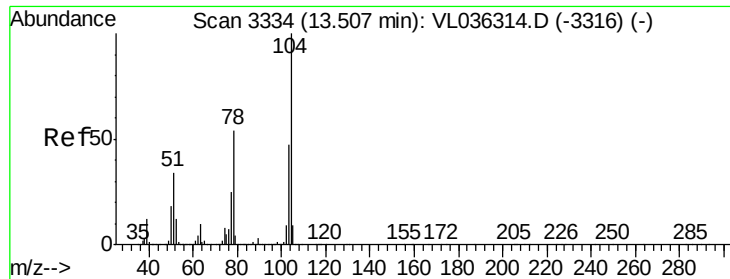
Tgt Ion: 91 Resp: 3687461

Ion Ratio Lower Upper

91 100

106 44.2 22.0 66.0





#61

Stvrene

Concen: 8.808 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

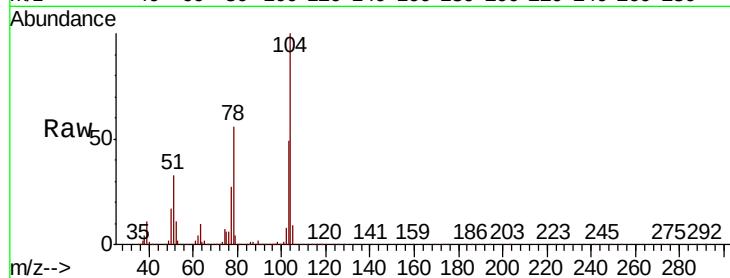
Tot Ion:104 Resp: 2629881

Ion Ratio Lower Upper

104 100

78 56.1 46.2 69.2

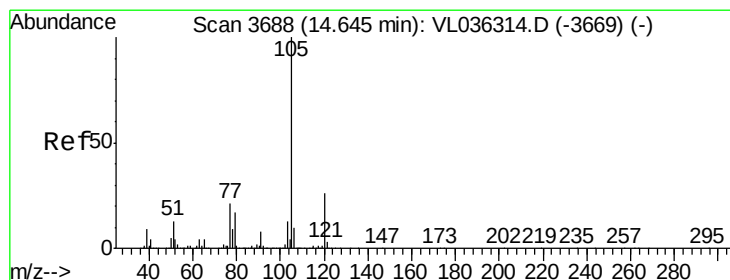
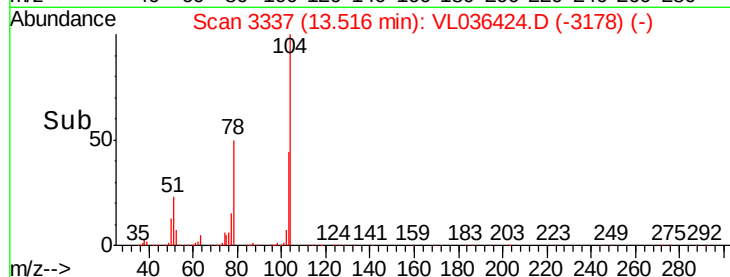
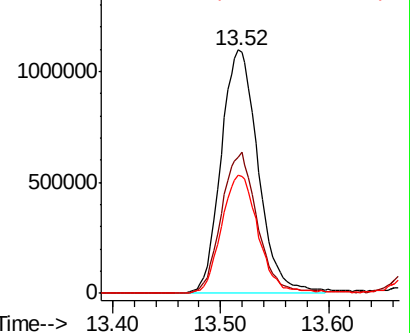
103 48.4 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.556 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. 0.01 min

Lab File: VL036424.D

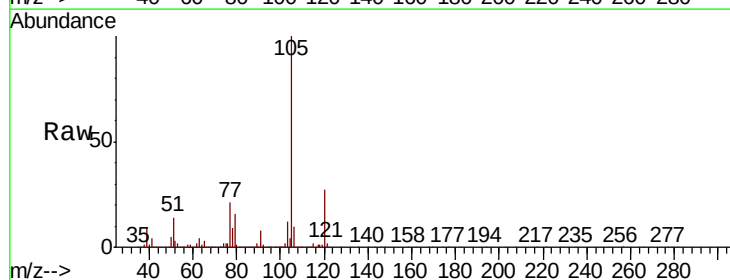
Acq: 2 Mar 2021 9:47

Tgt Ion:105 Resp: 5456718

Ion Ratio Lower Upper

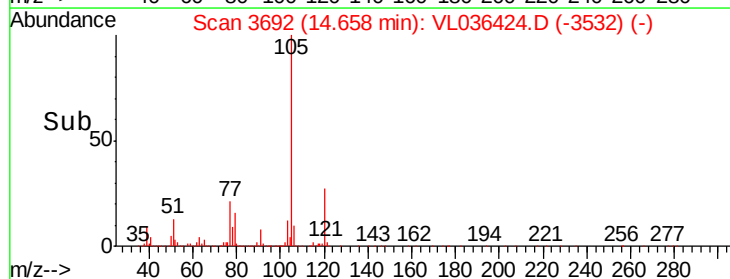
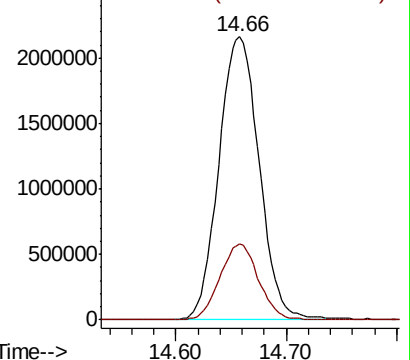
105 100

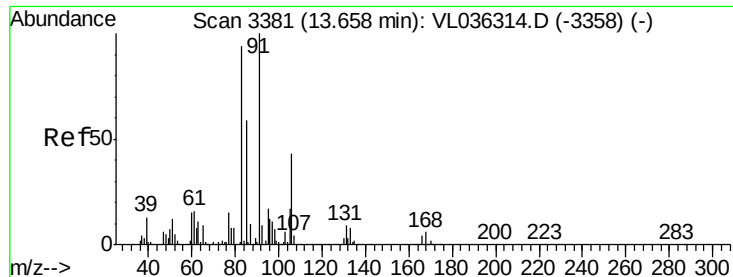
120 26.0 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.102 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

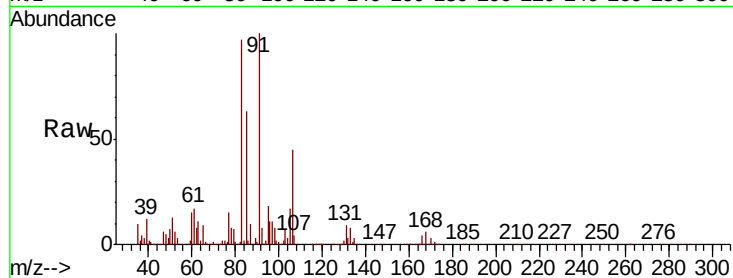
Tot Ion: 83 Resp: 2699742

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.0

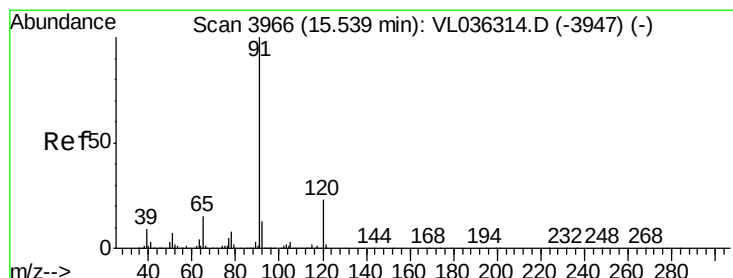
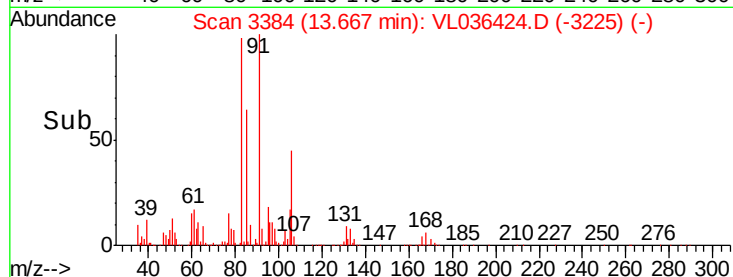
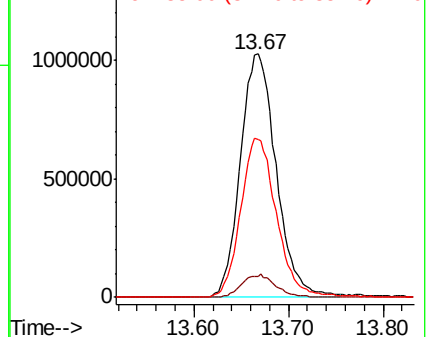
85 65.2 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.064 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. 0.01 min

Lab File: VL036424.D

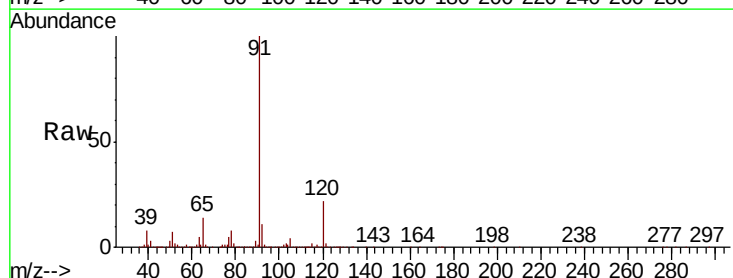
Acq: 2 Mar 2021 9:47

Tgt Ion: 120 Resp: 1433187

Ion Ratio Lower Upper

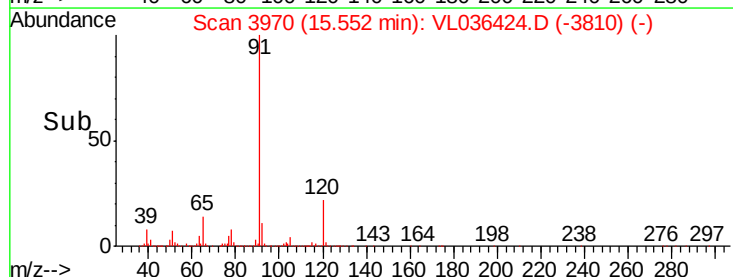
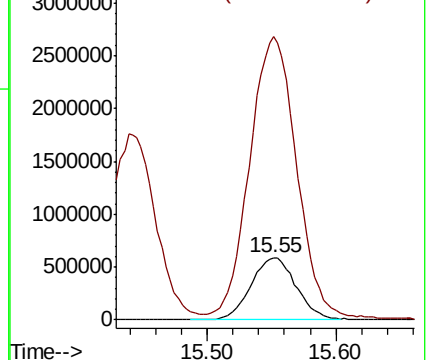
120 100

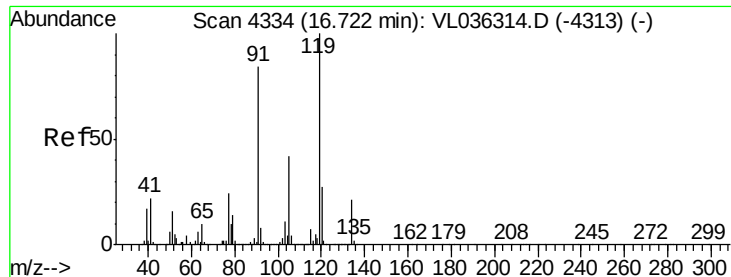
91 481.6 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0



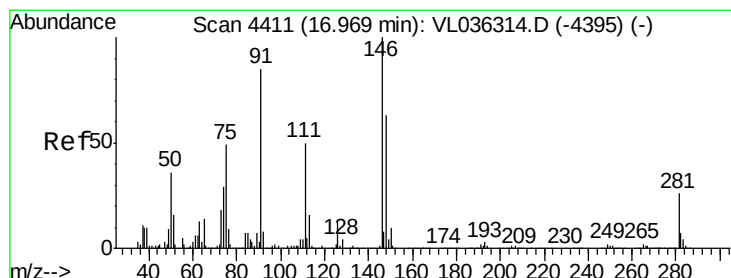
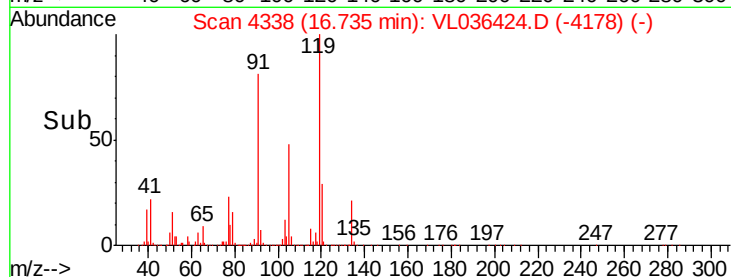
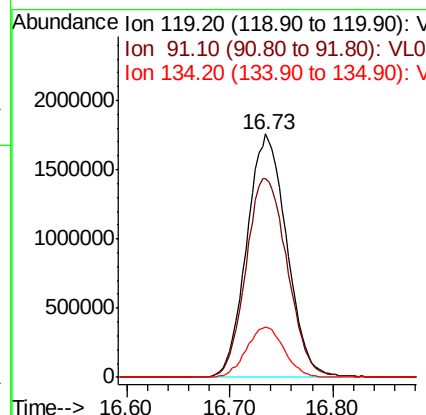
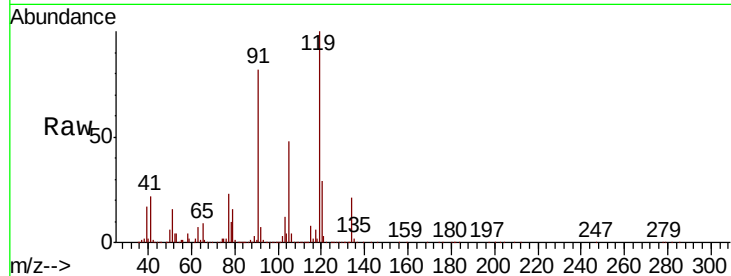


#65
 tert-Butylbenzene
 Concen: 7.624 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 119 Resp: 4710607

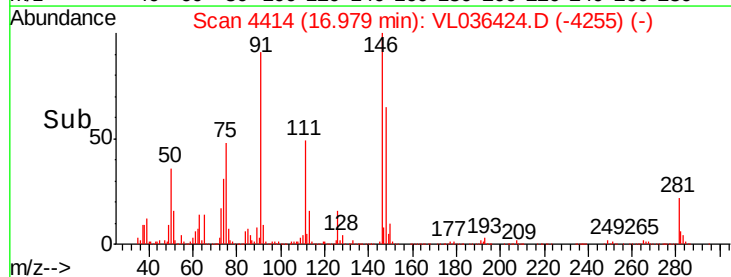
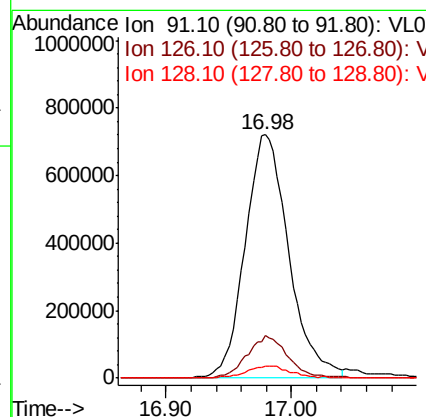
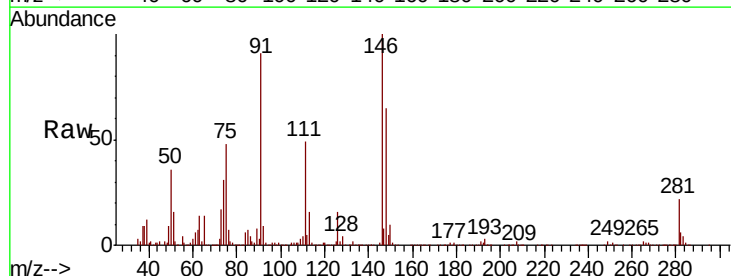
Ion	Ratio	Lower	Upper
119	100		
91	85.2	70.5	105.7
134	19.7	15.8	23.8

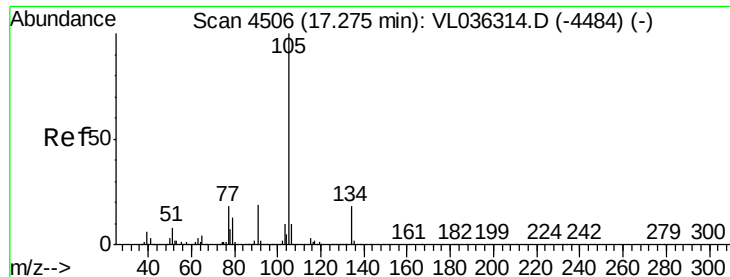


#66
 Benzyl Chloride
 Concen: 10.307 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 91 Resp: 1731394

Ion	Ratio	Lower	Upper
91	100		
126	16.7	12.9	19.3
128	5.2	4.2	6.2

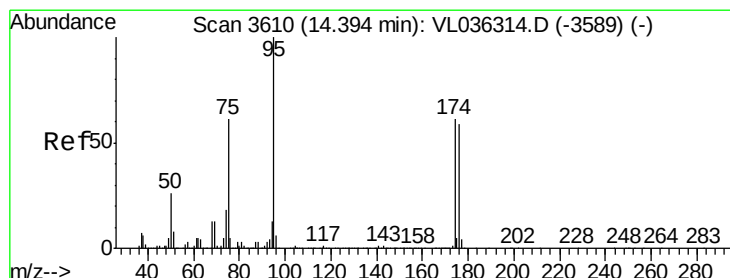
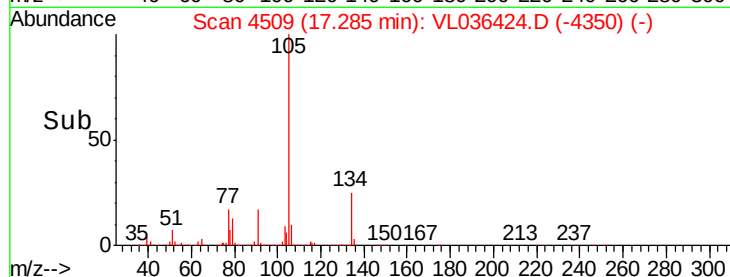
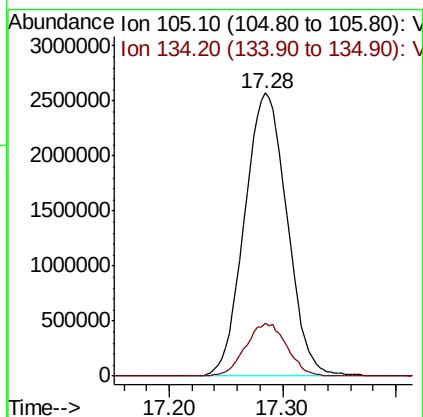
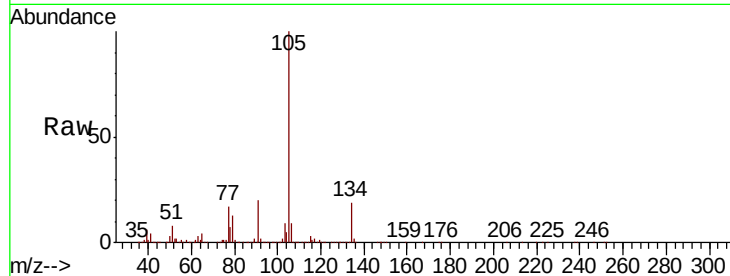




#67
 sec-Butylbenzene
 Concen: 7.518 ppbv
 RT: 17.28 min Scan# 4509
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

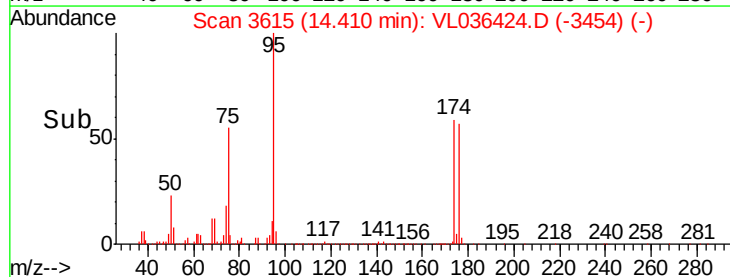
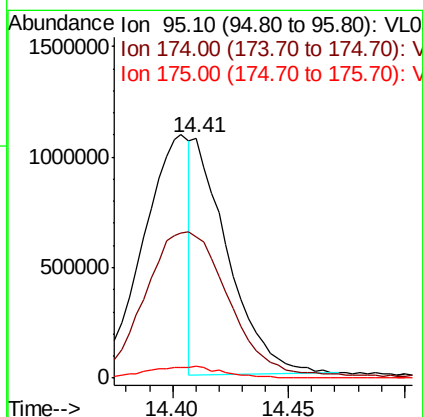
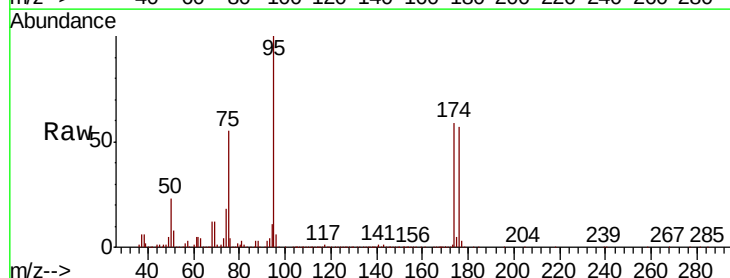
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

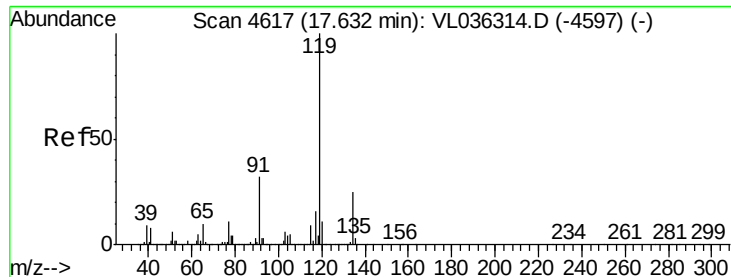
Tot Ion:105 Resp: 6699176
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 3.257 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.02 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 95 Resp: 1122749
 Ion Ratio Lower Upper
 95 100
 174 153.8 49.8 74.6#
 175 11.5 3.7 5.5#

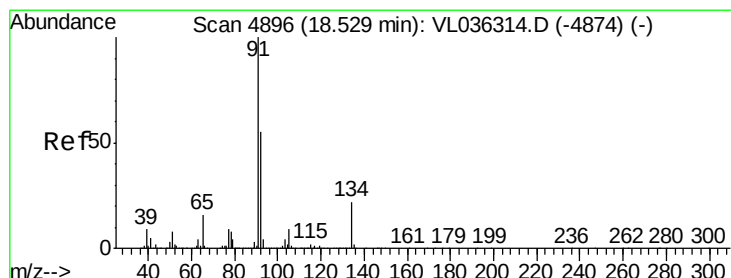
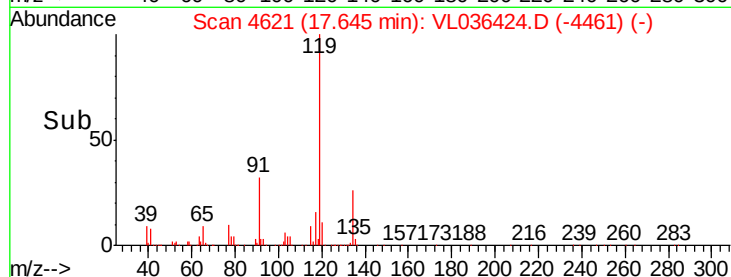
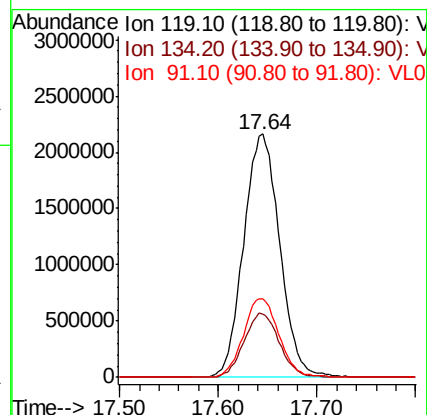
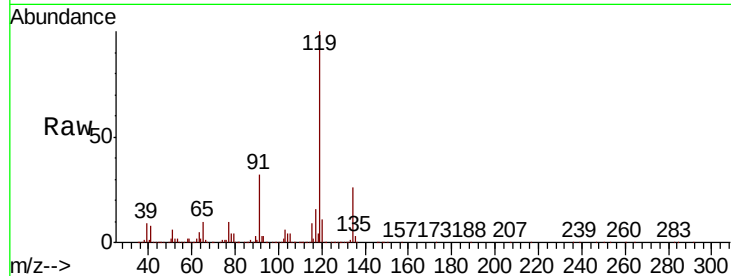




#69
 p-Isopropyltoluene
 Concen: 7.938 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

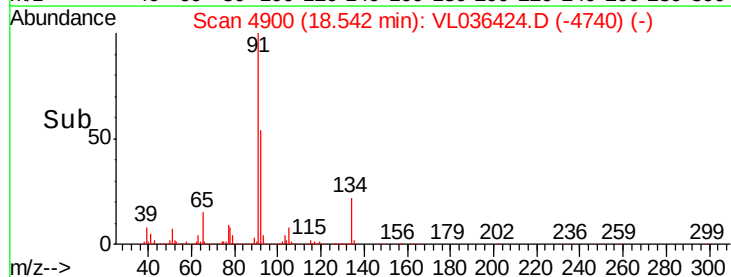
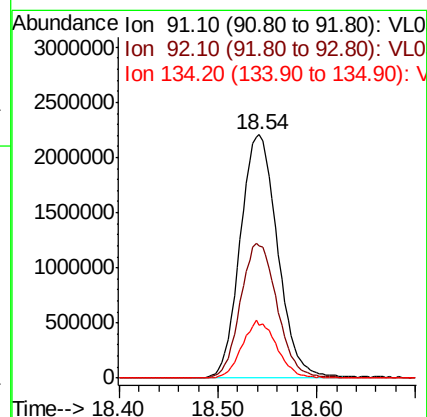
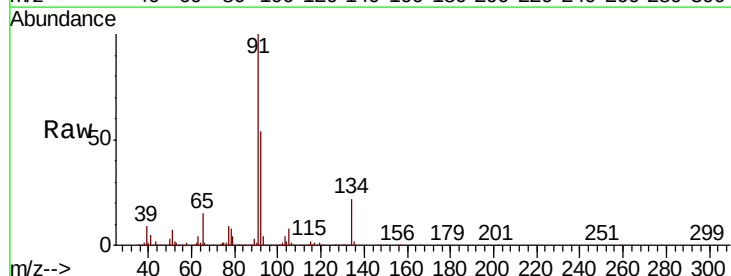
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

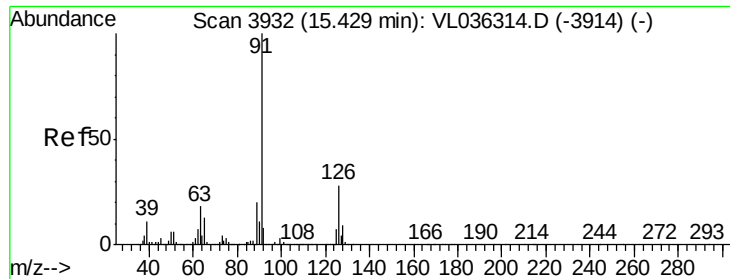
Tot Ion:119 Resp: 5466510
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.1 30.1
 91 31.7 25.8 38.6



#70
 n-Butylbenzene
 Concen: 7.840 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 91 Resp: 5789870
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.7 65.5
 134 22.0 17.4 26.0

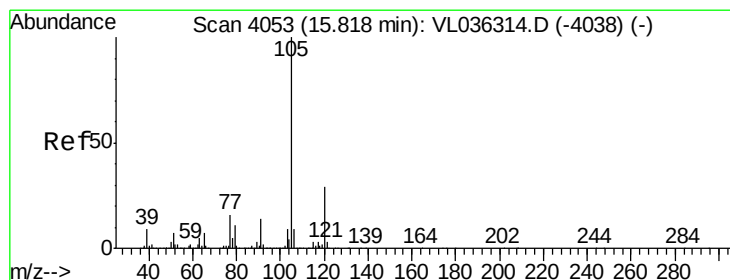
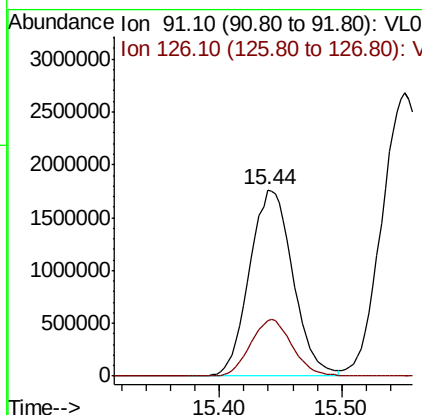
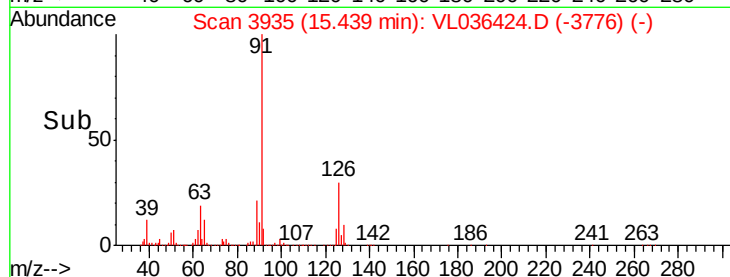
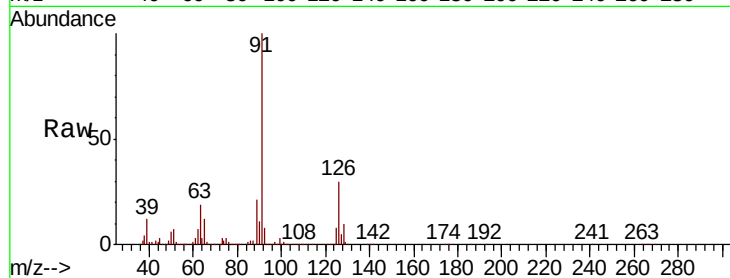




#71
 2-Chlorotoluene
 Concen: 7.829 ppbv
 RT: 15.44 min Scan# 3935
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

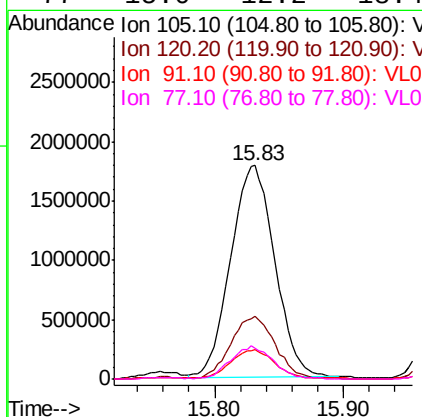
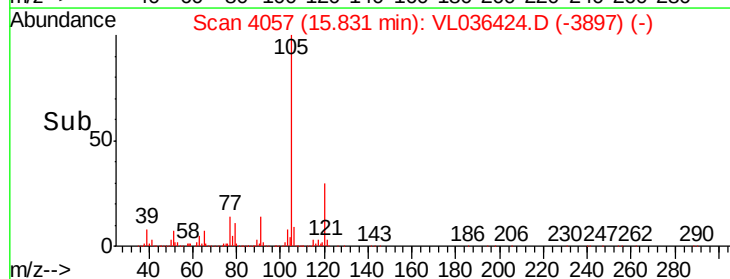
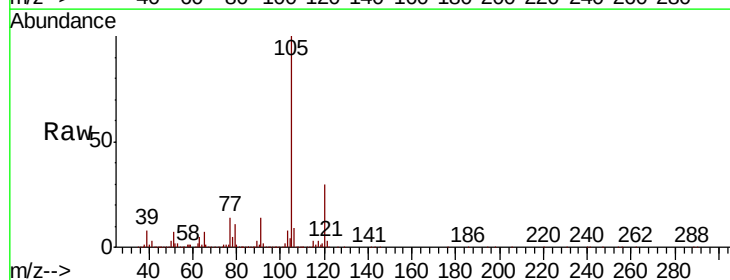
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

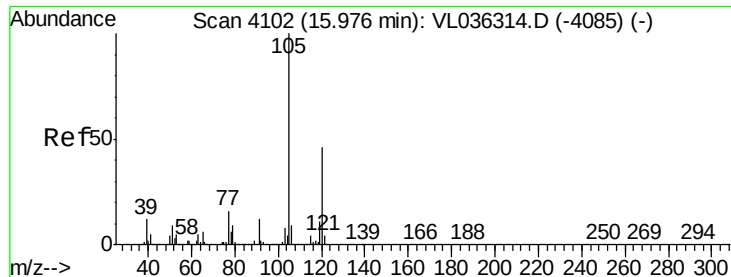
Tot Ion: 91 Resp: 4333987
 Ion Ratio Lower Upper
 91 100
 126 29.7 11.5 46.1



#72
 4-Ethyltoluene
 Concen: 7.968 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion: 105 Resp: 4272049
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.2 34.8
 91 13.5 11.0 16.4
 77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 7.759 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

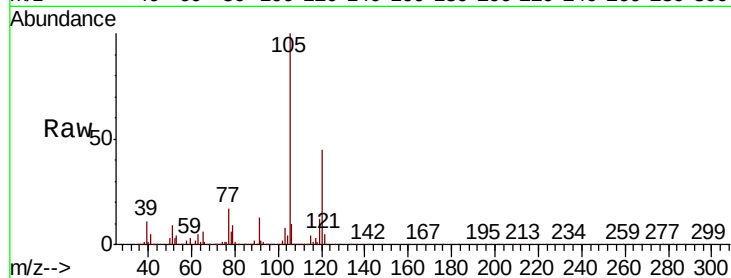
VSTDCCC010

Tot Ion:105 Resp: 4032499

Ion Ratio Lower Upper

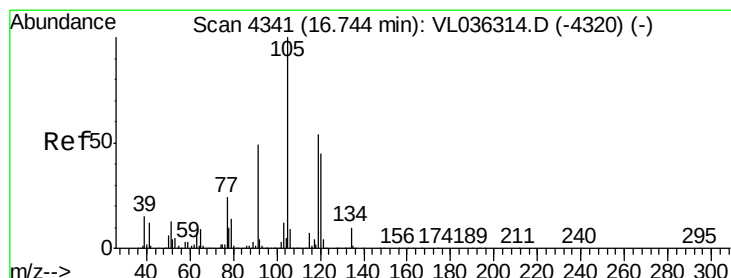
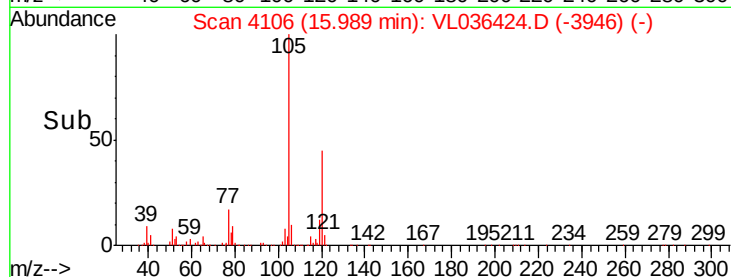
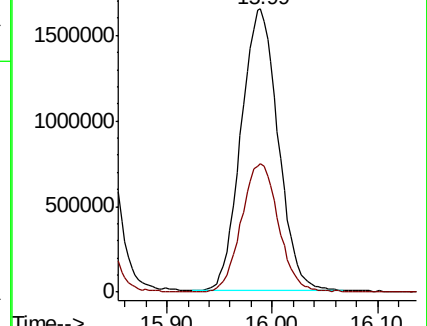
105 100

120 45.2 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.640 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion:105 Resp: 4053608

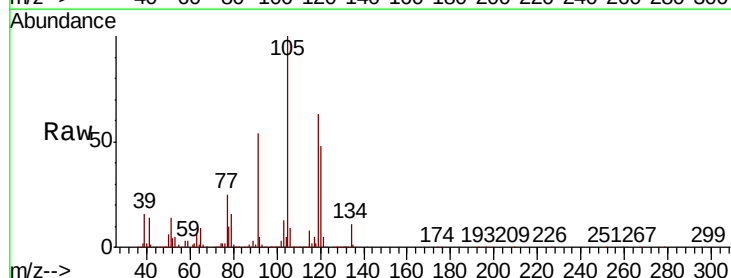
Ion Ratio Lower Upper

105 100

120 48.0 35.8 53.6

91 53.6 39.8 59.6

77 24.2 19.1 28.7

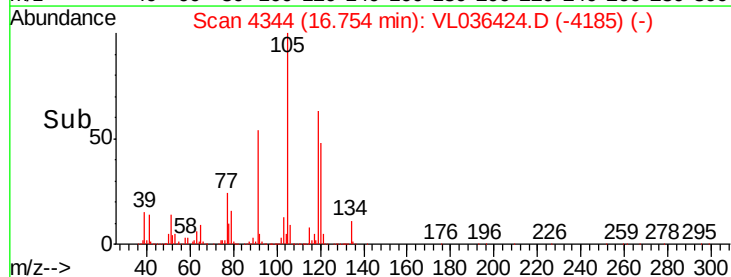
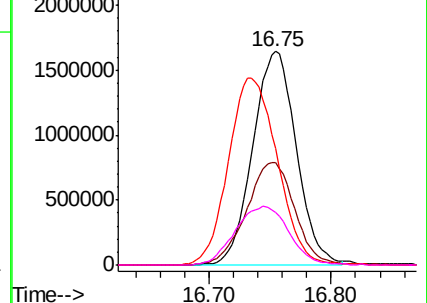


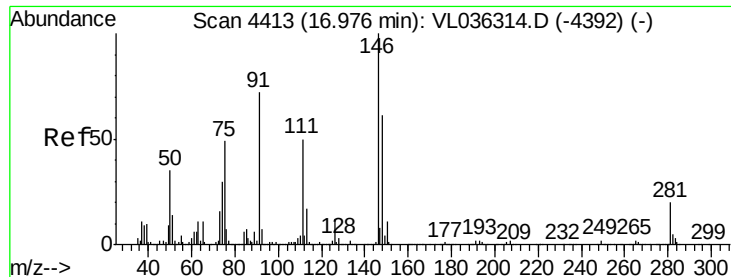
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.739 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

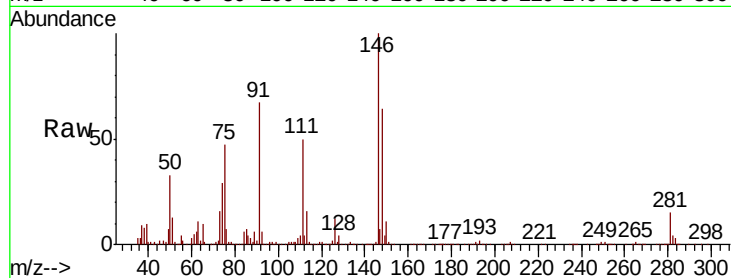
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 2228914

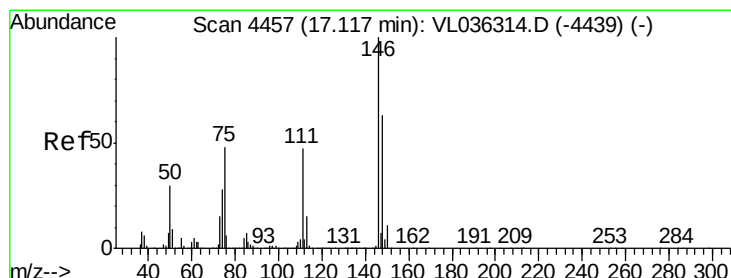
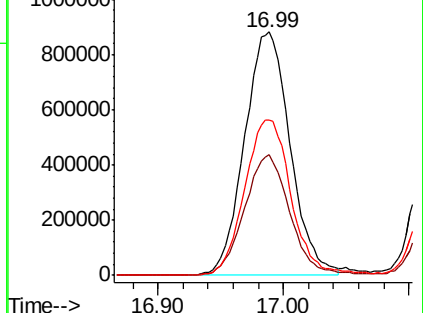
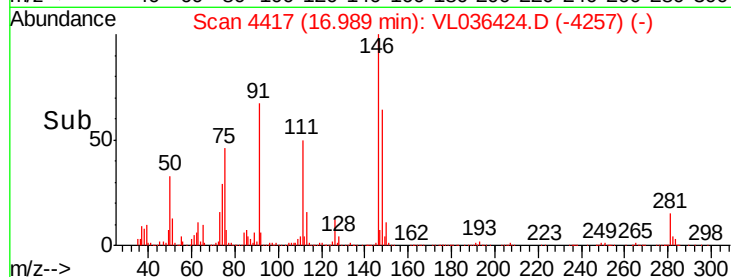
Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.9	74.6
148	65.1	31.9	95.9



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



#76

1,4-Dichlorobenzene

Concen: 7.361 ppbv

RT: 17.13 min Scan# 4461

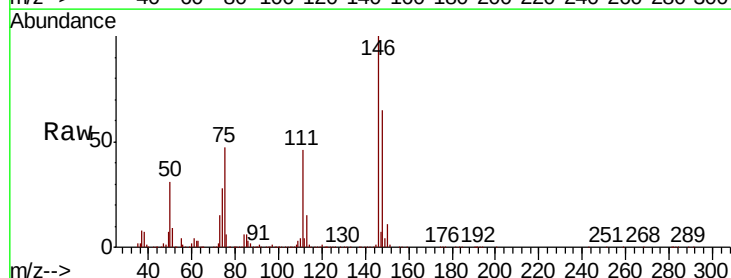
Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Tgt Ion:146 Resp: 2201465

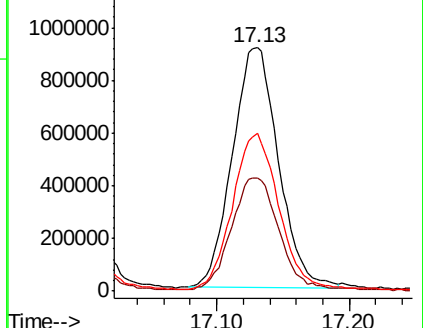
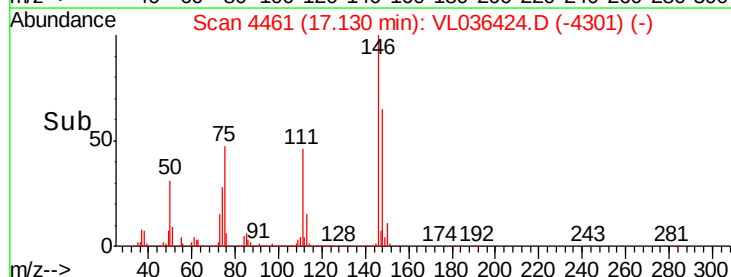
Ion	Ratio	Lower	Upper
146	100		
111	49.4	23.6	71.0
148	66.9	31.6	95.0

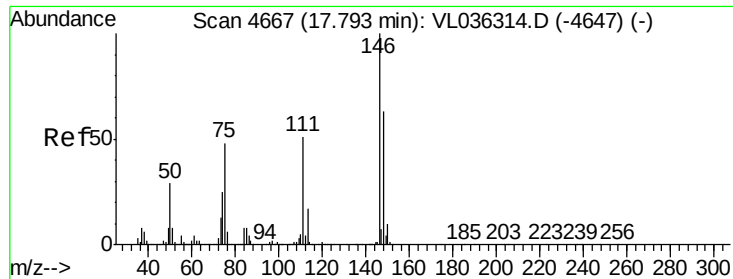


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

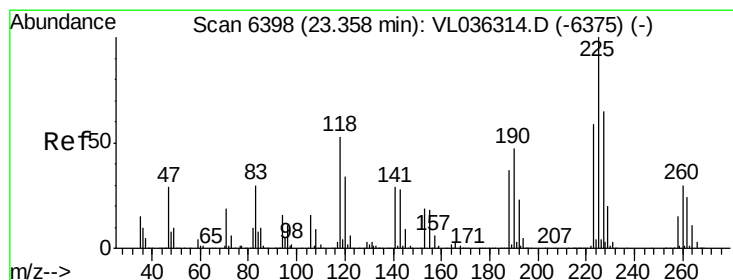
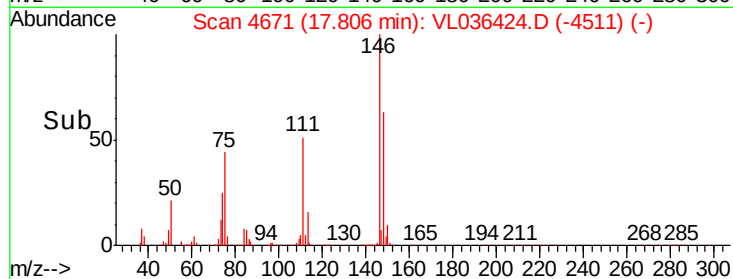
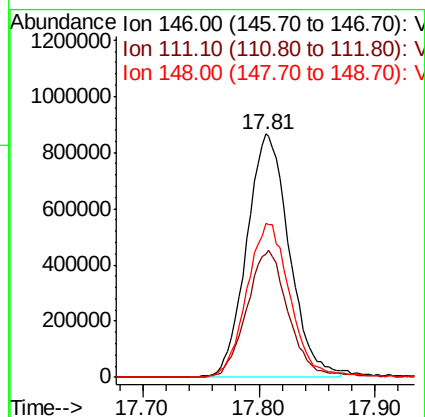
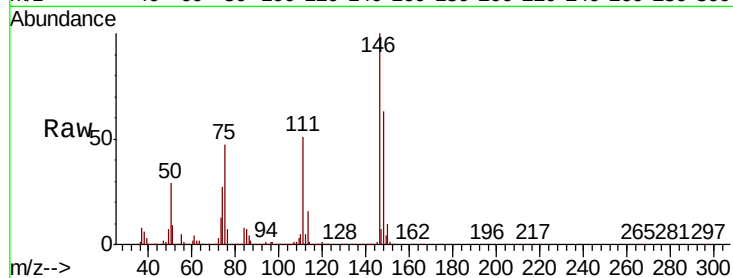




#77
 1,2-Dichlorobenzene
 Concen: 7.694 ppbv
 RT: 17.81 min Scan# 4671
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

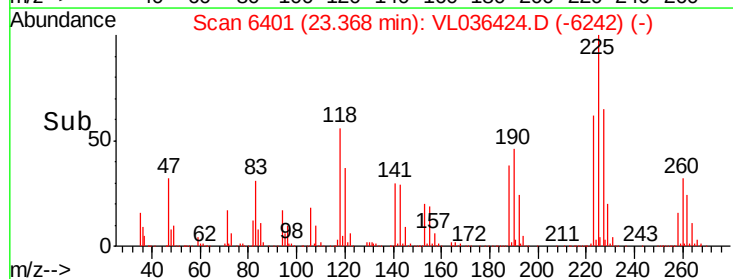
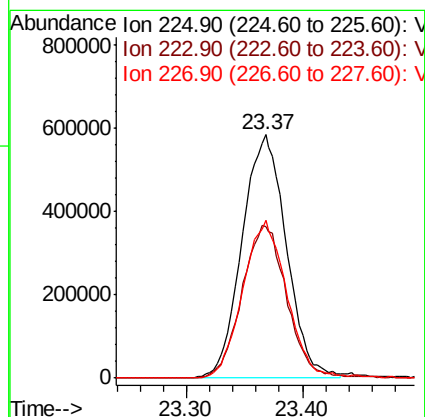
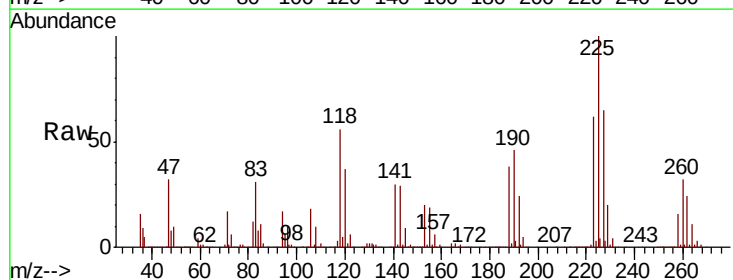
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

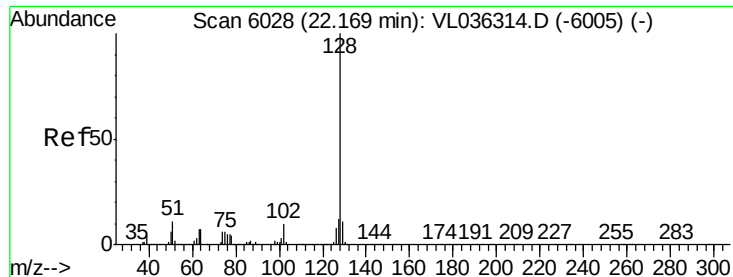
Tot Ion:146 Resp: 2198370
 Ion Ratio Lower Upper
 146 100
 111 52.2 25.9 77.8
 148 64.5 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.602 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.01 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Tgt Ion:225 Resp: 1541030
 Ion Ratio Lower Upper
 225 100
 223 64.1 50.8 76.2
 227 65.2 52.2 78.2





#79

Naphthalene

Concen: 9.467 ppbv

RT: 22.18 min Scan# 6033

Delta R.T. 0.02 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

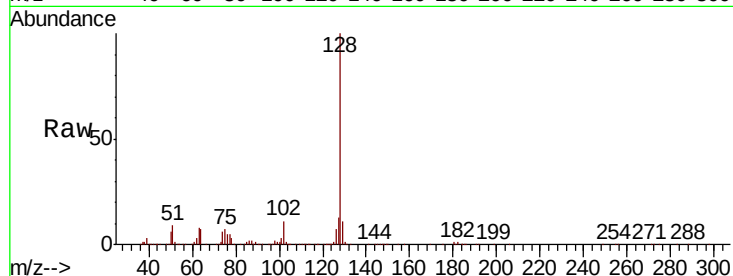
Tot Ion:128 Resp: 2977642

Ion Ratio Lower Upper

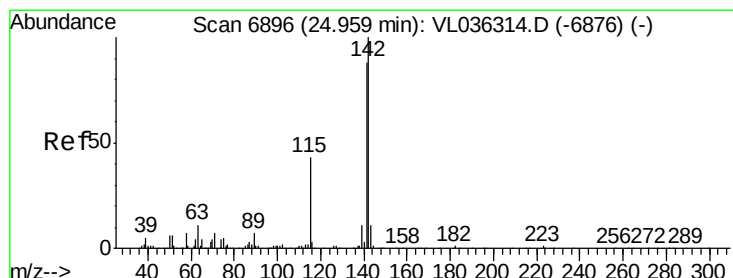
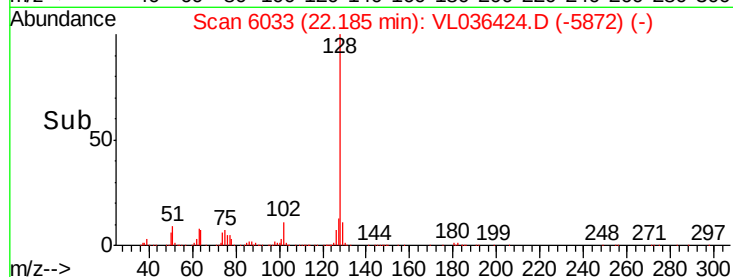
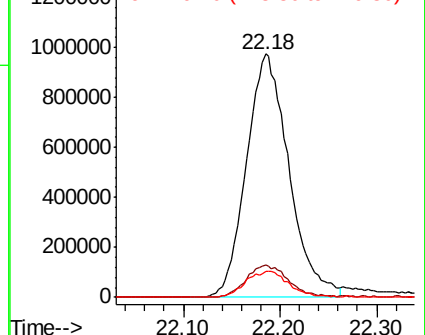
128 100

127 13.2 9.6 14.4

129 10.6 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: 13.460 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. 0.01 min

Lab File: VL036424.D

Acq: 2 Mar 2021 9:47

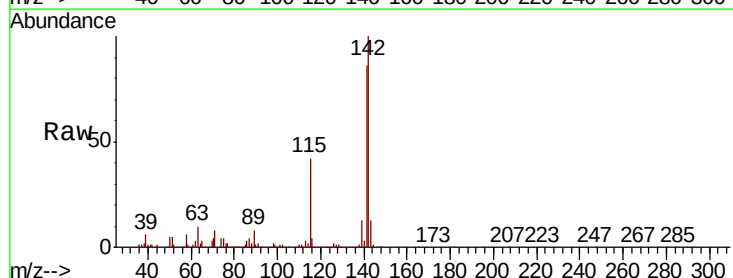
Tgt Ion:142 Resp: 783895

Ion Ratio Lower Upper

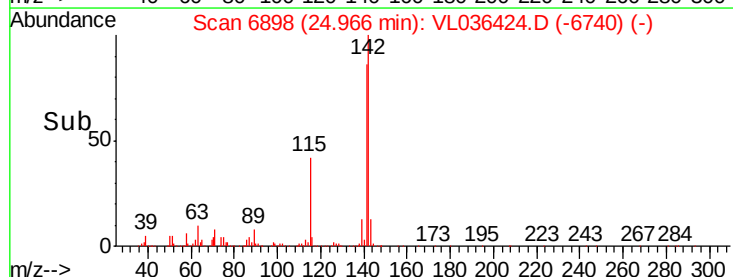
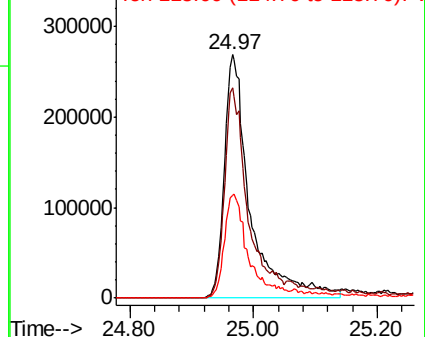
142 100

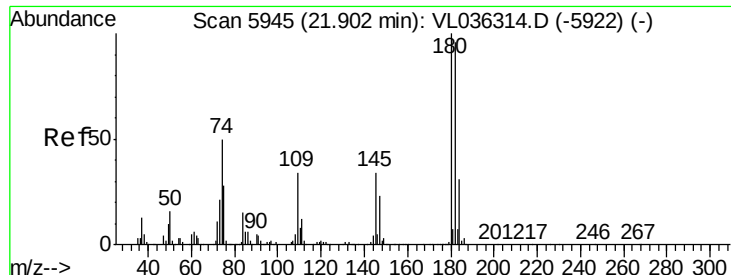
141 85.0 64.4 96.6

115 41.1 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: 3.412 ppbv
 RT: 21.92 min Scan# 5951
 Delta R.T. 0.02 min
 Lab File: VL036424.D
 Acq: 2 Mar 2021 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	80.2	120.4#
184	77.0	25.0	37.6#

