

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050721\
 Data File : VL036916.D
 Acq On : 7 May 2021 13:02
 Operator : SY/AP
 Sample : M2262-15 0.4
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

Quant Time: May 08 04:15:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1289343	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3072185	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2698477	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2266412	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	120152	0.592 ppbv	94
3) Chlorodifluoromethane	2.99	51	127508	0.543 ppbv	99
4) Chloromethane	3.15	50	39819	0.516 ppbv #	81
5) Vinyl Chloride	3.27	62	38846	0.499 ppbv	100
6) Bromomethane	3.48	94	18386	0.439 ppbv	81
7) Chloroethane	3.56	64	12504	0.489 ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	104672	0.565 ppbv	98
9) Propene	3.01	41	13210	0.185 ppbv #	15
10) Heptane	8.13	43	24763	0.138 ppbv #	29
11) Trichlorofluoromethane	3.96	101	93601	0.516 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	37502	0.309 ppbv #	35
14) Bromoethene	3.75	108	21873	0.441 ppbv #	90
15) Acetone	3.88	43	42886	0.353 ppbv #	30
16) 1,3-Butadiene	3.33	39	21750	0.280 ppbv #	12
18) 1,1-Dichloroethene	4.29	96	10959	0.208 ppbv #	75
20) Methylene Chloride	4.35	84	31170	0.536 ppbv	85
21) Allyl Chloride	4.42	41	37435	0.415 ppbv	93
22) trans-1,2-Dichloroethene	4.90	96	18978	0.359 ppbv	94
23) Vinyl Acetate	5.10	43	22396	0.135 ppbv #	82
24) 1,1-Dichloroethane	5.02	63	36396	0.310 ppbv	99
25) Ethyl Acetate	5.70	43	112262	0.378 ppbv #	94
26) Hexane	5.69	57	46839	0.337 ppbv #	63
27) Carbon Disulfide	4.56	76	38635	0.320 ppbv #	48
28) Methyl tert-Butyl Ether	5.06	73	46077	0.374 ppbv #	87
29) Chloroform	5.75	83	112066	0.518 ppbv	97
30) Cyclohexane	7.14	84	6363	0.058 ppbv #	1
31) cis-1,2-Dichloroethene	5.55	61	39138	0.314 ppbv #	87
32) 1,1,1-Trichloroethane	6.52	97	102424	0.465 ppbv	94
35) Carbon Tetrachloride	7.02	117	64631	0.310 ppbv	96
36) Benzene	6.90	78	48862	0.189 ppbv	96
37) 1,2-Dichloroethane	6.32	62	14827	0.101 ppbv #	29
39) 1,2-Dichloropropane	7.63	63	45803	0.442 ppbv #	84
42) Bromodichloromethane	7.80	83	94879	0.466 ppbv	95
43) Methyl Methacrylate	8.03	69	8991	0.106 ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	76544	0.173 ppbv #	3
45) t-1,3-Dichloropropene	9.29	75	24136	0.265 ppbv	89
46) cis-1,3-Dichloropropene	8.72	75	26107	0.224 ppbv #	79
47) 1,1,2-Trichloroethane	9.48	97	20697	0.193 ppbv	95
48) Dibromochloromethane	10.31	129	62537	0.393 ppbv	97
49) Bromoform	13.05	173	22845	0.180 ppbv #	1
50) 4-Methyl-2-Pentanone	8.79	43	22395	0.122 ppbv #	40

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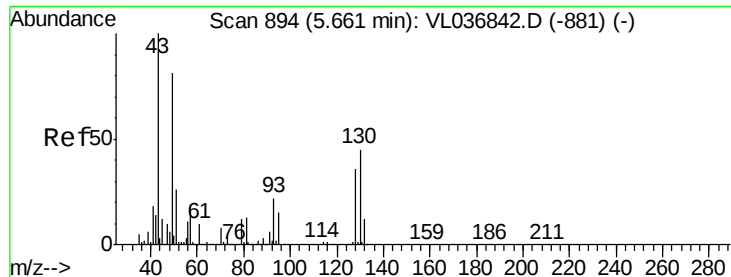
Instrument :
 MSVOA_L
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Tetrachloroethene	11.22	164	15223	0.173	ppbv	90
53) Toluene	9.82	91	29382	0.108	ppbv #	1
54) 1,2-Dibromoethane	10.62	107	59336	0.391	ppbv #	76
56) 1,1,1,2-Tetrachloroethane	12.13	131	35694	0.316	ppbv #	1
57) Chlorobenzene	12.15	112	107485	0.511	ppbv #	93
58) Ethyl Benzene	12.72	91	94820	0.277	ppbv	98
59) m/p-Xylene	13.00	91	95079	0.311	ppbv #	39
60) o-Xylene	13.70	91	94696	0.320	ppbv	97
61) Styrene	13.53	104	9140	0.066	ppbv #	1
62) Isopropylbenzene	14.67	105	140590	0.349	ppbv	95
63) 1,1,2,2-Tetrachloroethane	13.68	83	62906	0.265	ppbv #	24
64) n-propylbenzene	15.57	120	24828	0.248	ppbv #	11
65) tert-Butylbenzene	16.75	119	85943	0.242	ppbv #	47
66) Benzyl Chloride	17.00	91	4079	0.117	ppbv #	1
67) sec-Butylbenzene	17.31	105	154839	0.313	ppbv	98
69) p-Isopropyltoluene	17.66	119	105295	0.266	ppbv #	90
70) n-Butylbenzene	18.56	91	59029	0.148	ppbv #	43
71) 2-Chlorotoluene	15.46	91	90839	0.305	ppbv	99
72) 4-Ethyltoluene	15.85	105	82964	0.261	ppbv #	89
73) 1,3,5-Trimethylbenzene	16.01	105	47647	0.155	ppbv #	77
74) 1,2,4-Trimethylbenzene	16.77	105	47983	0.147	ppbv	90
75) 1,3-Dichlorobenzene	17.00	146	83191	0.430	ppbv	89
76) 1,4-Dichlorobenzene	17.16	146	22719	0.120	ppbv #	1
77) 1,2-Dichlorobenzene	17.83	146	38529	0.204	ppbv #	8
78) Hexachloro-1,3-Butadiene	23.39	225	36788	0.229	ppbv #	8
79) Naphthalene	22.22	128	11415	0.062	ppbv #	84
81) 1,2,4-Trichlorobenzene	21.95	180	16188	0.137	ppbv #	8

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.02 min

Lab File: VL036916.D

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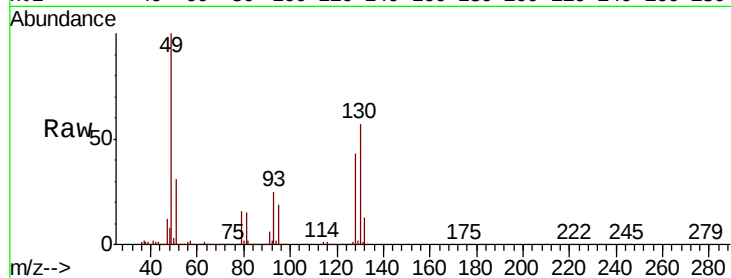
Tot Ion: 49 Resp: 1289343

Ion Ratio Lower Upper

49 100

128 46.3 24.4 73.2

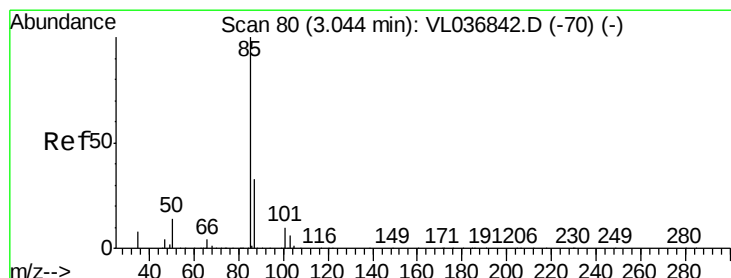
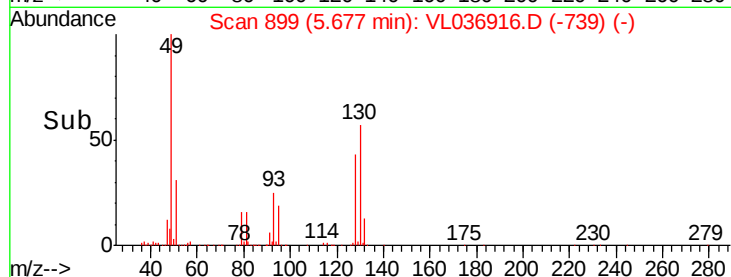
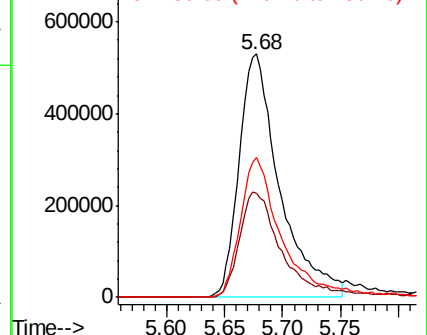
130 60.0 30.3 90.8



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: 0.592 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL036916.D

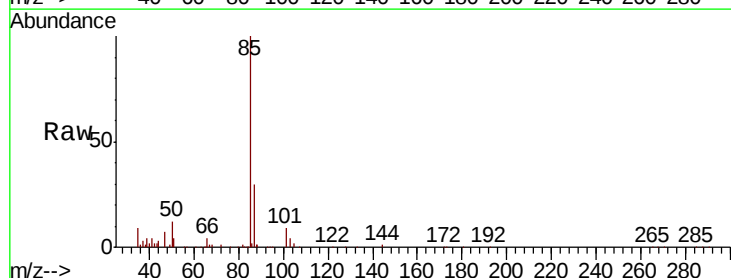
Acq: 7 May 2021 13:02

Tgt Ion: 85 Resp: 120152

Ion Ratio Lower Upper

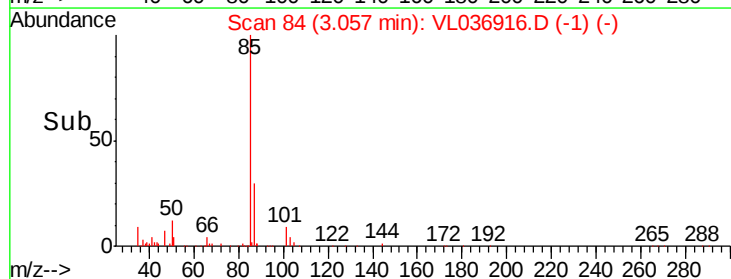
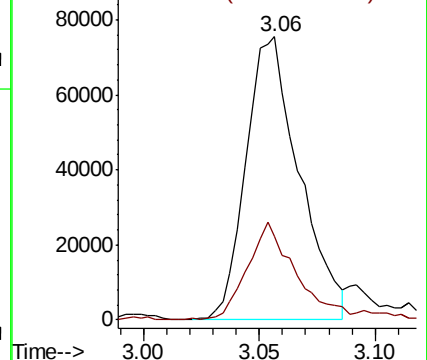
85 100

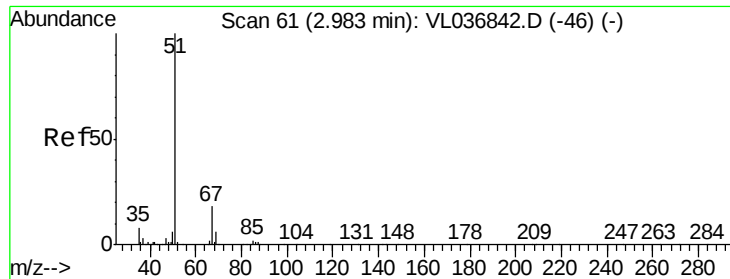
87 29.3 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.543 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

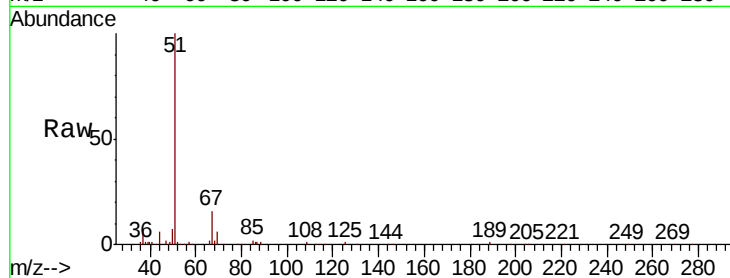
MDL-AIR-03-QT2-2021

Tot Ion: 51 Resp: 127508

Ion Ratio Lower Upper

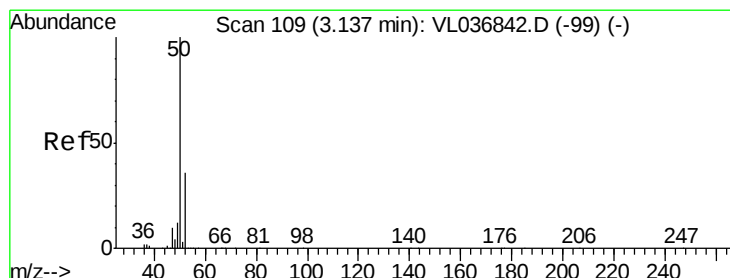
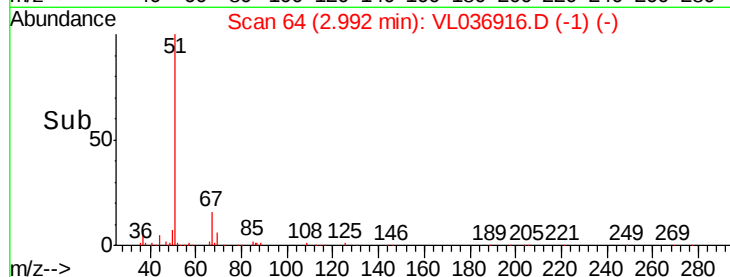
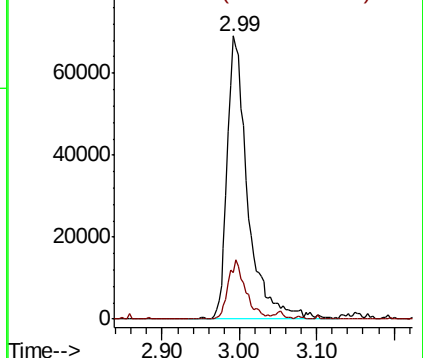
51 100

67 18.9 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.516 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL036916.D

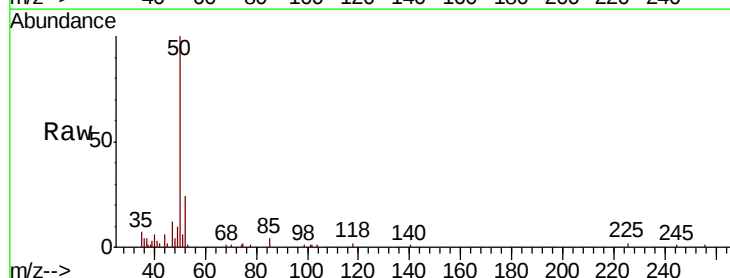
Acq: 7 May 2021 13:02

Tgt Ion: 50 Resp: 39819

Ion Ratio Lower Upper

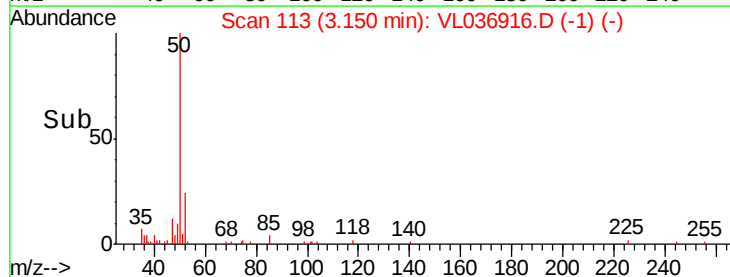
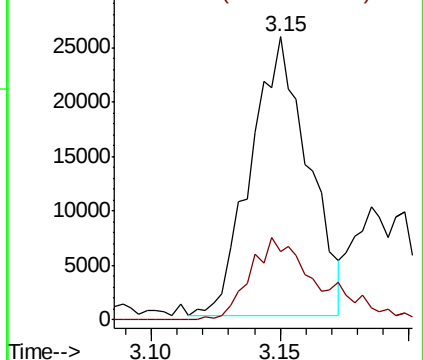
50 100

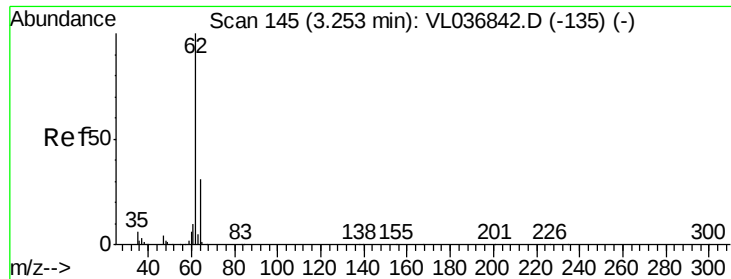
52 24.8 28.5 42.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.499 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

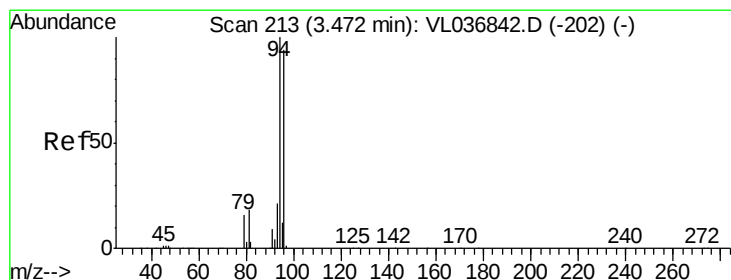
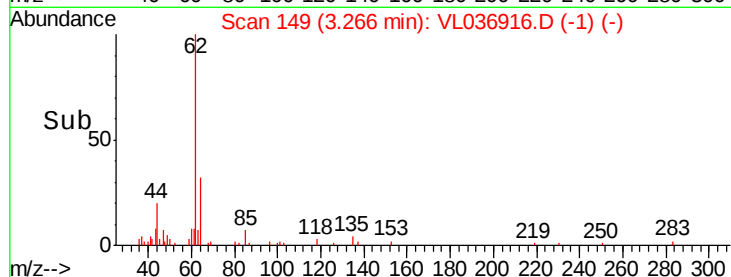
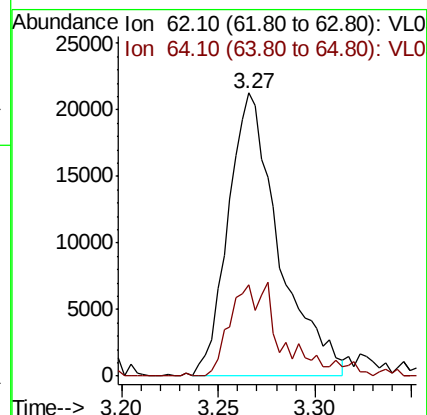
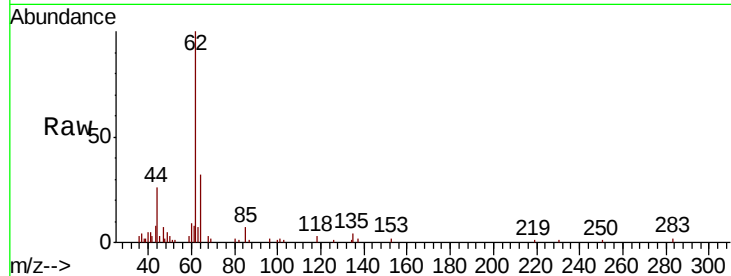
MDL-AIR-03-QT2-2021

Tot Ion: 62 Resp: 38846

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.4



#6

Bromomethane

Concen: 0.439 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036916.D

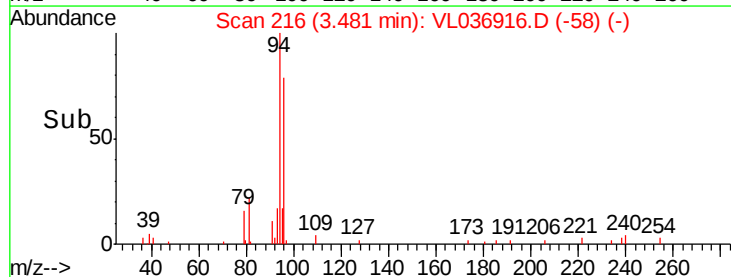
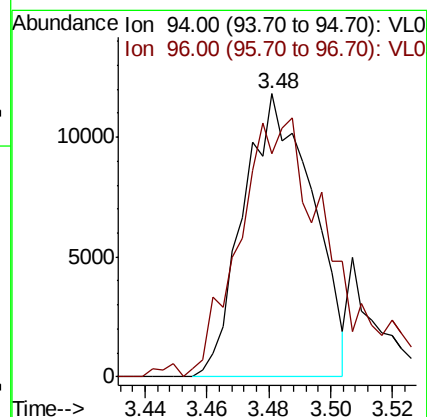
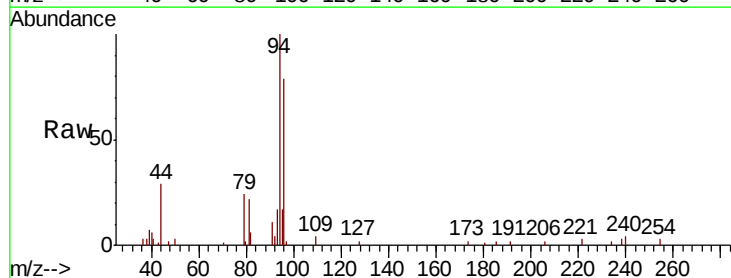
Acq: 7 May 2021 13:02

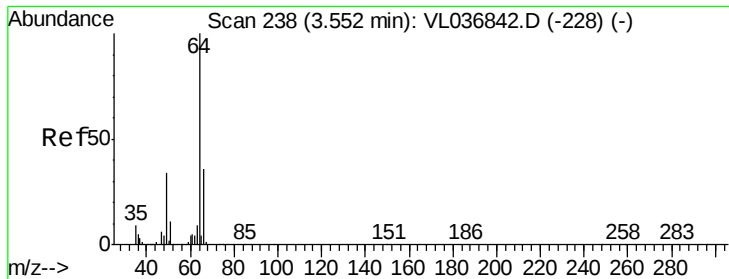
Tgt Ion: 94 Resp: 18386

Ion Ratio Lower Upper

94 100

96 76.0 75.4 113.0





#7

Chloroethane

Concen: 0.489 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

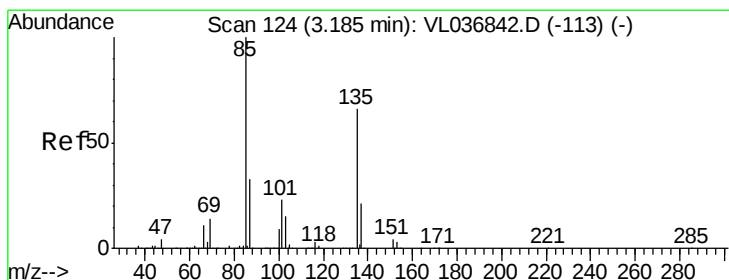
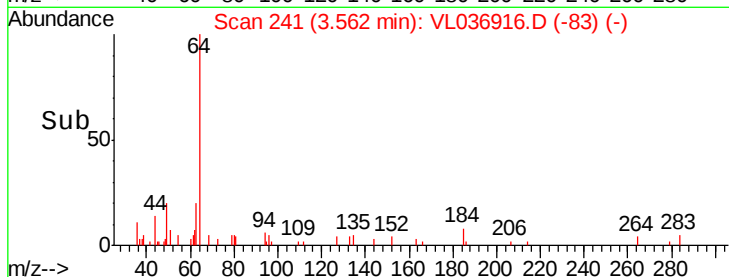
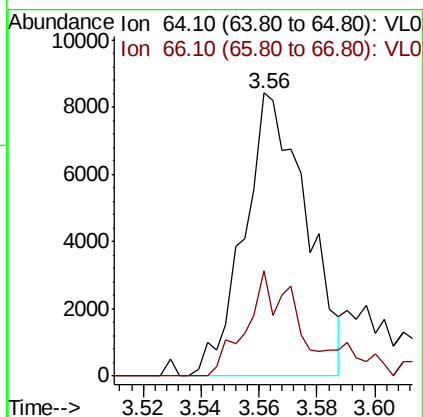
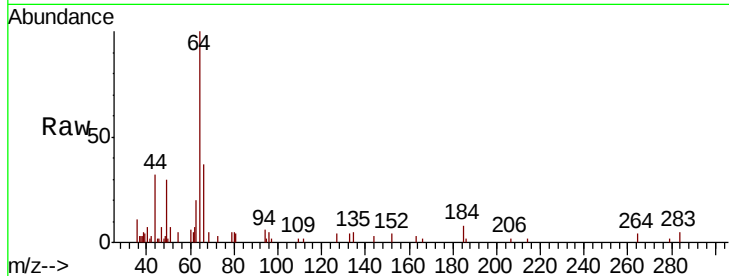
MDL-AIR-03-QT2-2021

Tot Ion: 64 Resp: 12504

Ion Ratio Lower Upper

64 100

66 37.4 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 0.565 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036916.D

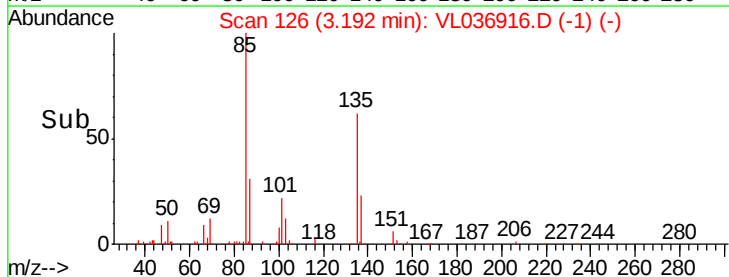
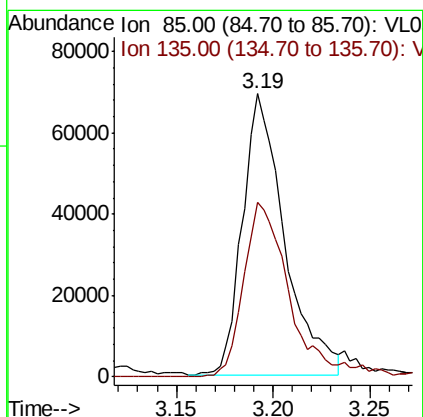
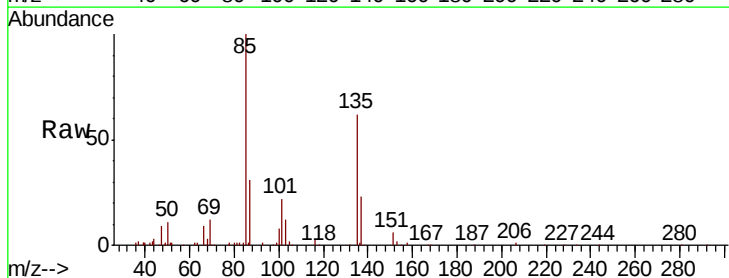
Acq: 7 May 2021 13:02

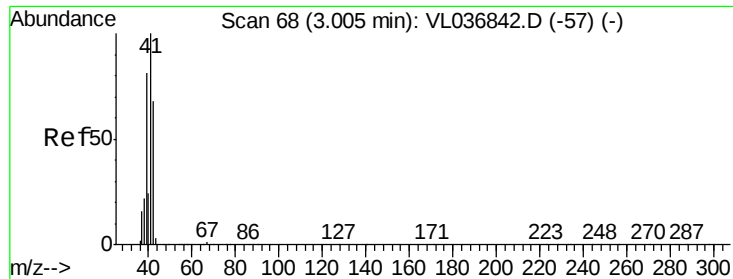
Tgt Ion: 85 Resp: 104672

Ion Ratio Lower Upper

85 100

135 68.7 56.2 84.4





#9

Propene

Concen: 0.185 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

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ClientSampleId :

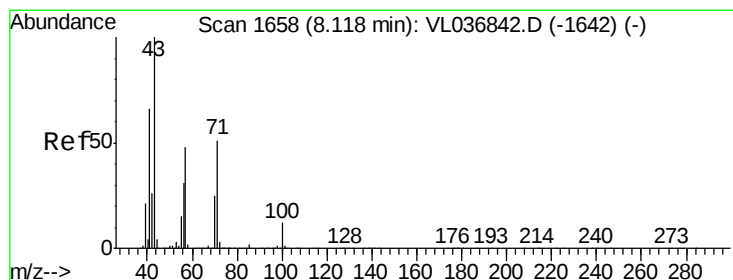
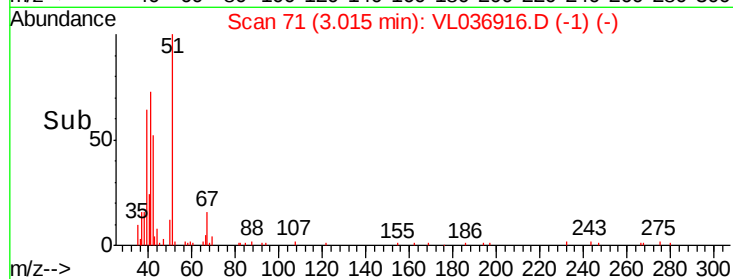
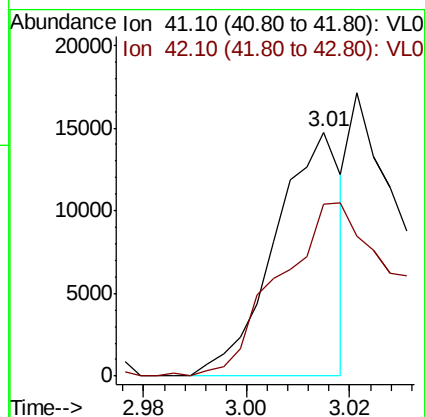
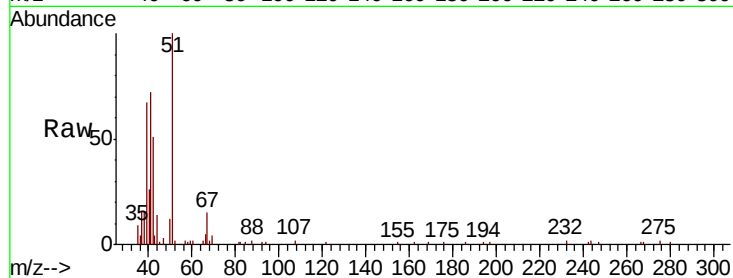
MDL-AIR-03-QT2-2021

Tot Ion: 41 Resp: 13210

Ion Ratio Lower Upper

41 100

42 0.0 56.0 84.0#



#10

Heptane

Concen: 0.138 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.02 min

Lab File: VL036916.D

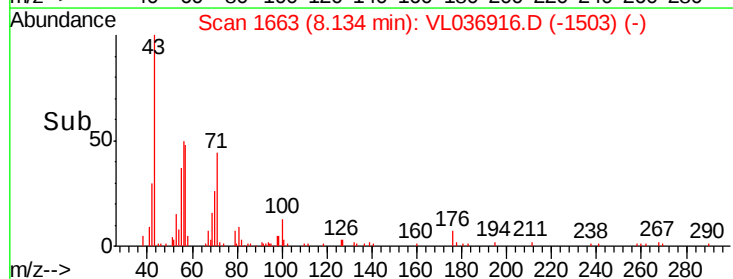
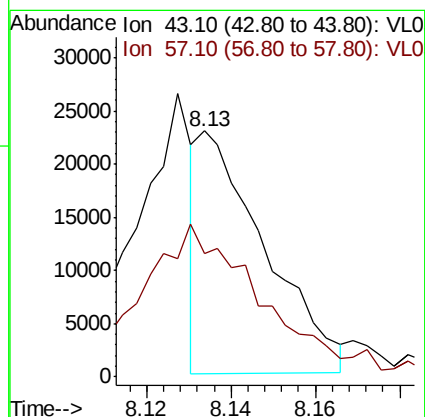
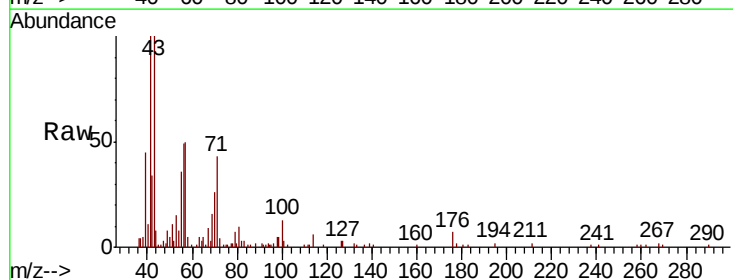
Acq: 7 May 2021 13:02

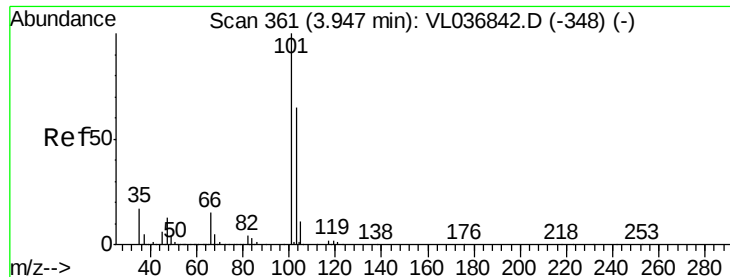
Tgt Ion: 43 Resp: 24763

Ion Ratio Lower Upper

43 100

57 0.0 38.8 58.2#





#11

Trichlorofluoromethane

Concen: 0.516 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

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ClientSampleId :

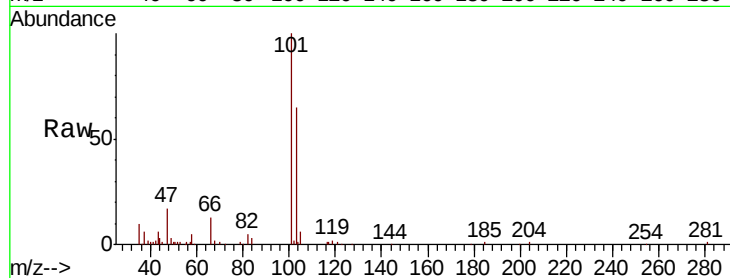
MDL-AIR-03-QT2-2021

Tot Ion:101 Resp: 93601

Ion Ratio Lower Upper

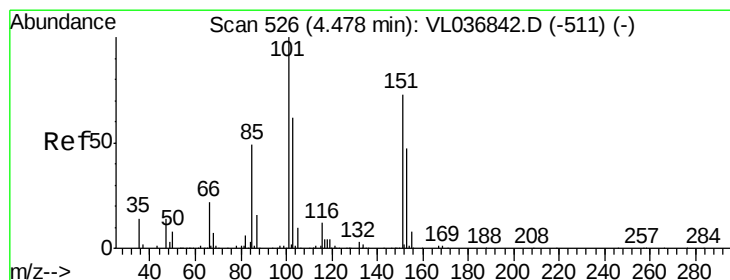
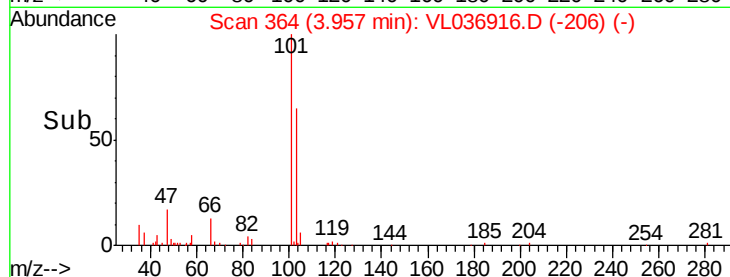
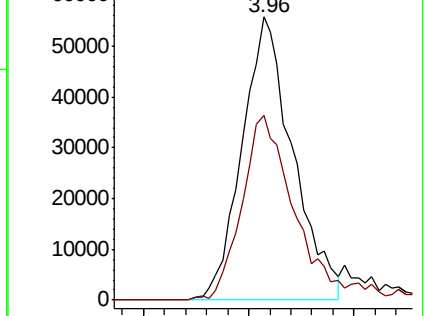
101 100

103 64.9 51.6 77.4



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: 0.309 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.02 min

Lab File: VL036916.D

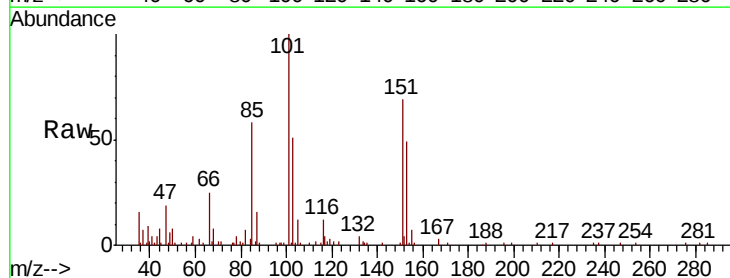
Acq: 7 May 2021 13:02

Tgt Ion:101 Resp: 37502

Ion Ratio Lower Upper

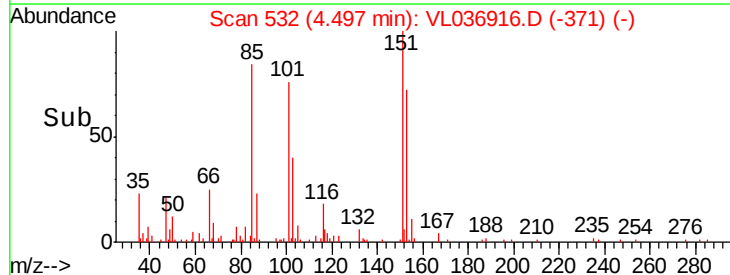
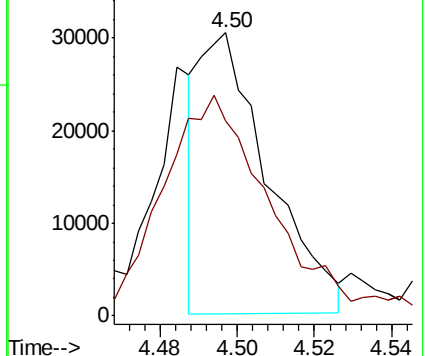
101 100

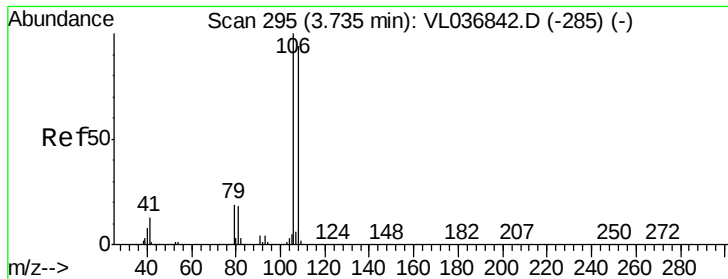
151 132.1 61.1 91.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#14

Bromoethene

Concen: 0.441 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

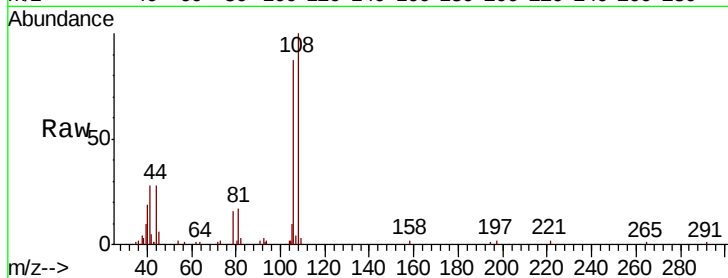
Tot Ion:108 Resp: 21873

Ion Ratio Lower Upper

108 100

106 119.5 88.5 132.7

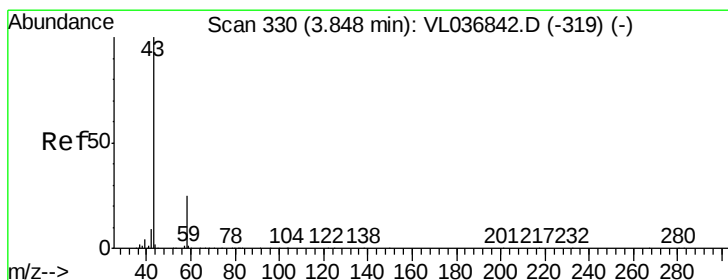
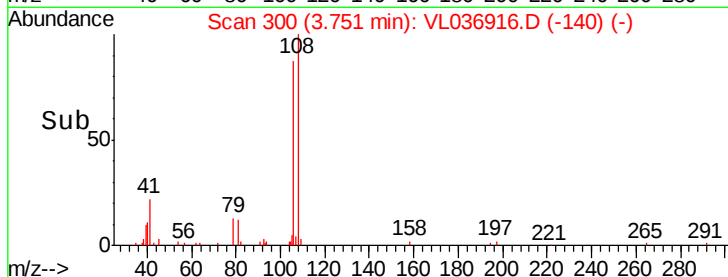
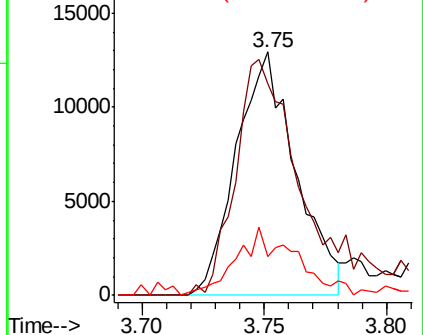
79 30.4 17.9 26.9#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VLO



#15

Acetone

Concen: 0.353 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL036916.D

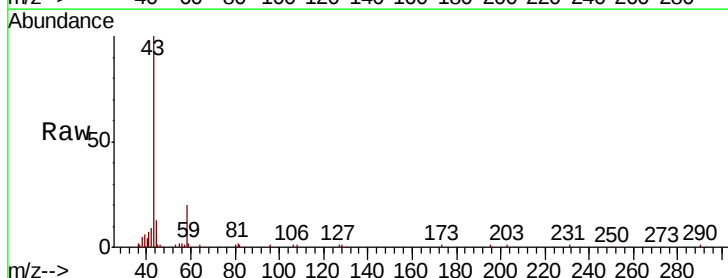
Acq: 7 May 2021 13:02

Tgt Ion: 43 Resp: 42886

Ion Ratio Lower Upper

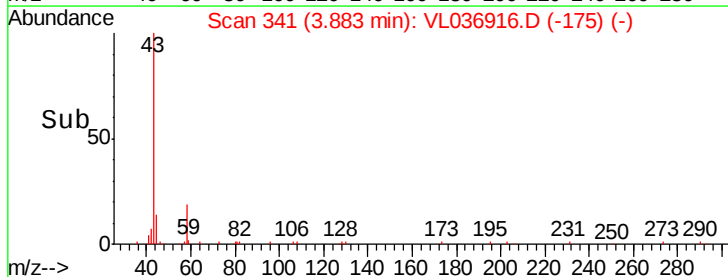
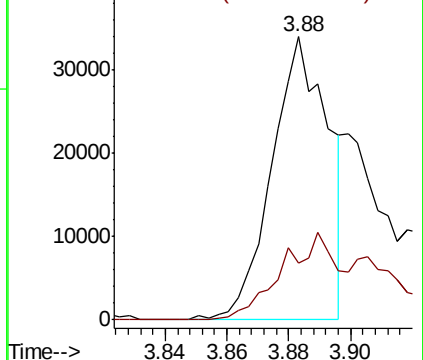
43 100

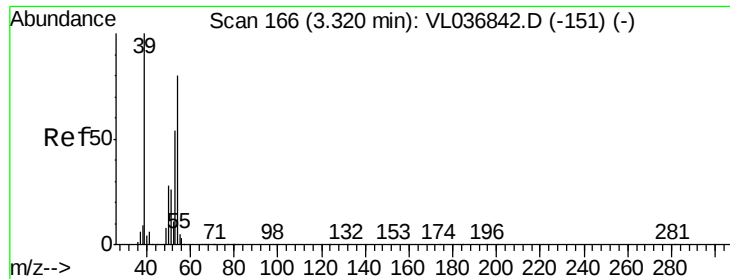
58 63.6 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VLO

Ion 58.10 (57.80 to 58.80): VLO

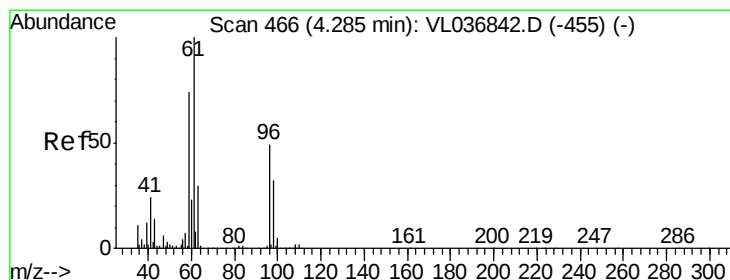
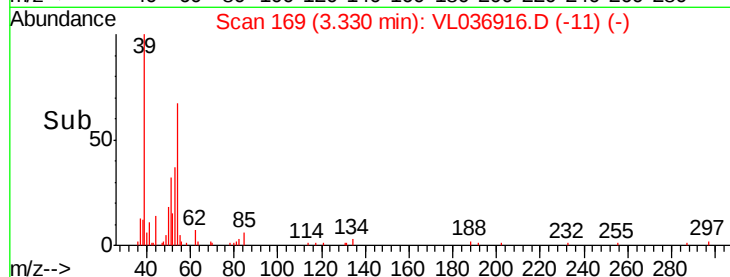
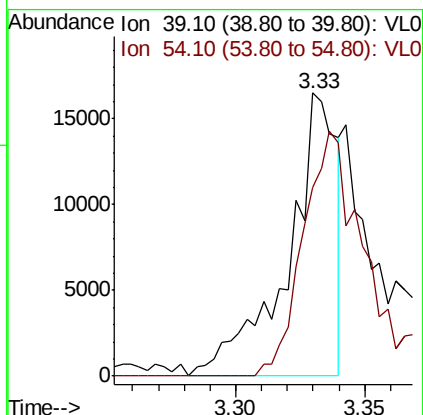
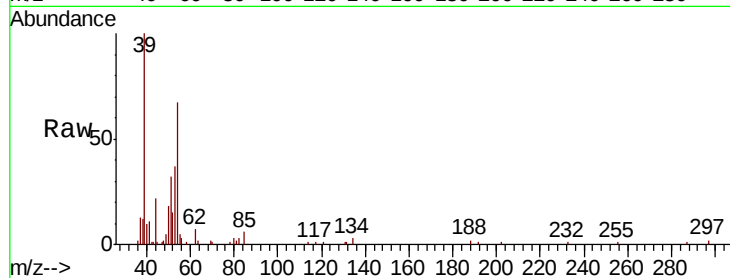




#16
 1,3-Butadiene
 Concen: 0.280 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

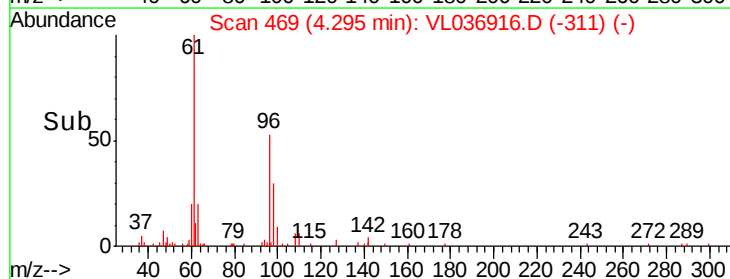
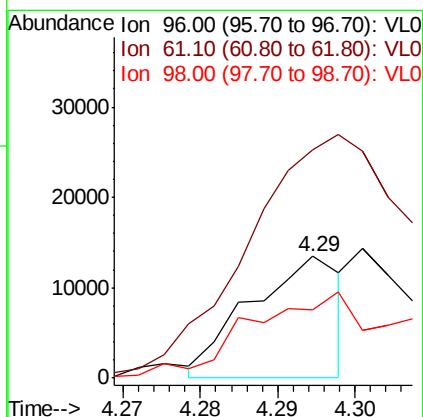
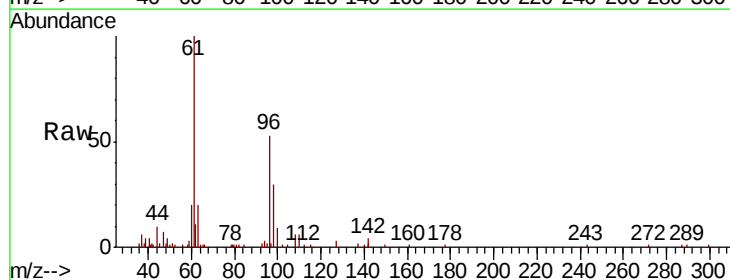
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

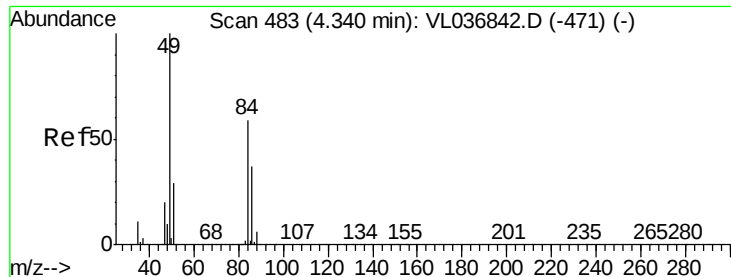
Tot Ion: 39 Resp: 21750
 Ion Ratio Lower Upper
 39 100
 54 0.0 59.6 89.4#



#18
 1,1-Dichloroethene
 Concen: 0.208 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion: 96 Resp: 10959
 Ion Ratio Lower Upper
 96 100
 61 159.4 162.2 243.2#
 98 53.9 51.8 77.6

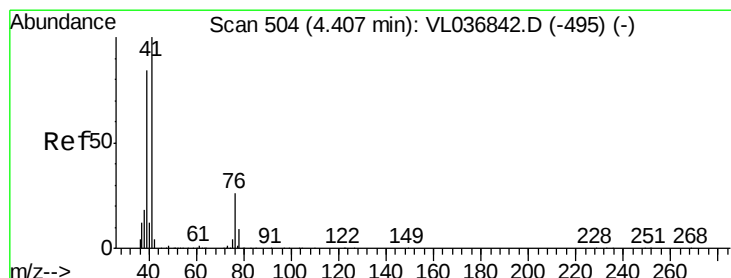
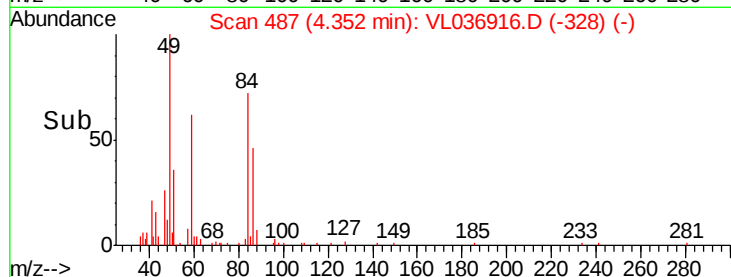
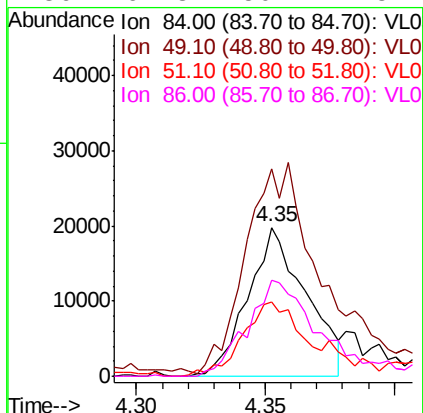
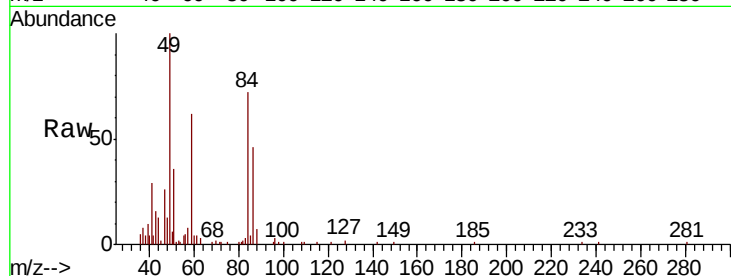




#20
Methylene Chloride
Concen: 0.536 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

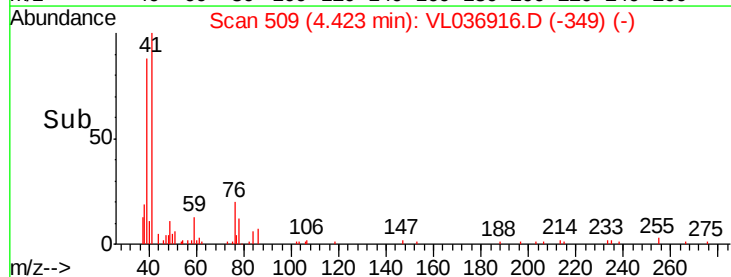
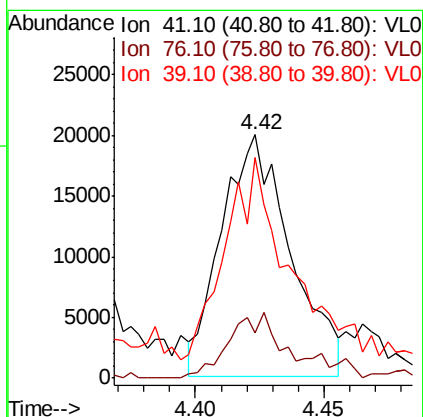
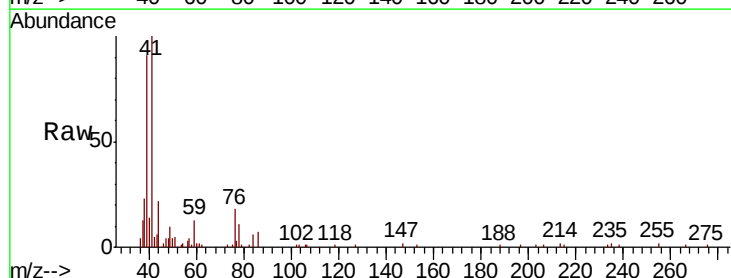
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

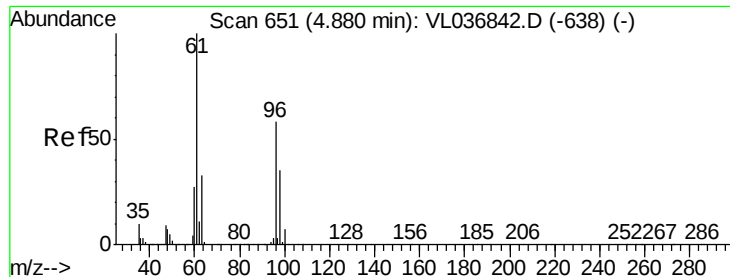
Tot Ion:	84	Resp:	31170
Ion	Ratio	Lower	Upper
84	100		
49	136.1	135.4	203.0
51	49.1	39.3	58.9
86	64.3	50.2	75.2



#21
Allyl Chloride
Concen: 0.415 ppbv
RT: 4.42 min Scan# 509
Delta R.T. 0.02 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion:	41	Resp:	37435
Ion	Ratio	Lower	Upper
41	100		
76	26.1	22.4	33.6
39	92.6	68.4	102.6





#22

trans-1,2-Dichloroethene

Concen: 0.359 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

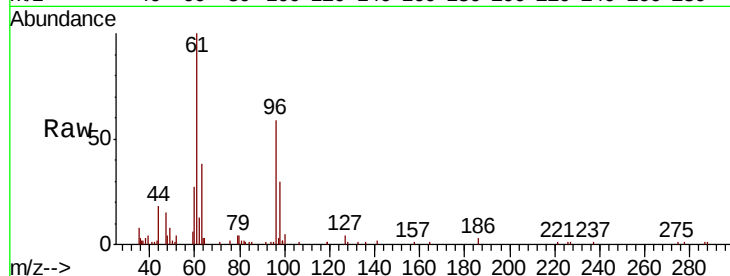
Tot Ion: 96 Resp: 18978

Ion Ratio Lower Upper

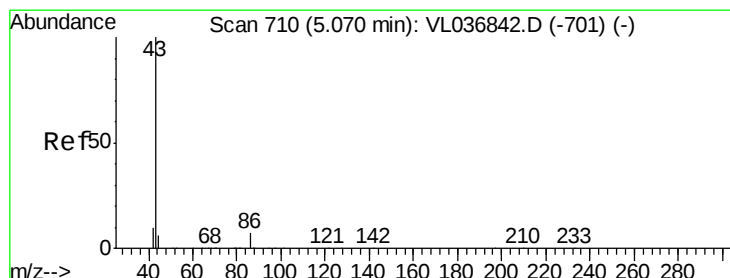
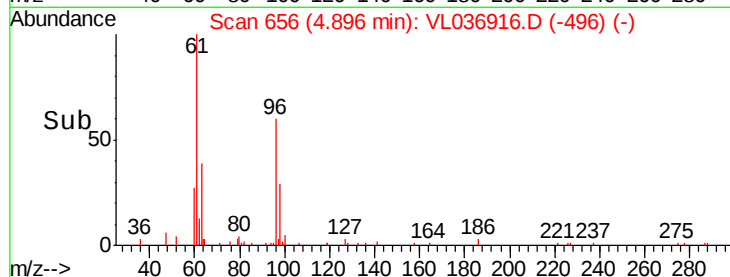
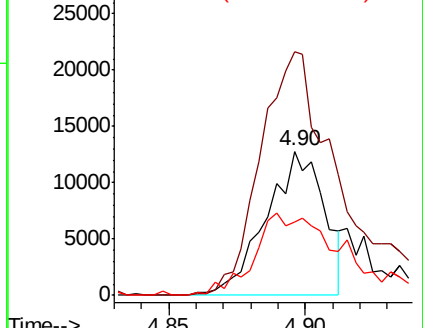
96 100

61 168.7 138.6 207.8

98 50.7 48.1 72.1



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: 0.135 ppbv

RT: 5.10 min Scan# 718

Delta R.T. 0.03 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Tgt Ion: 43 Resp: 22396

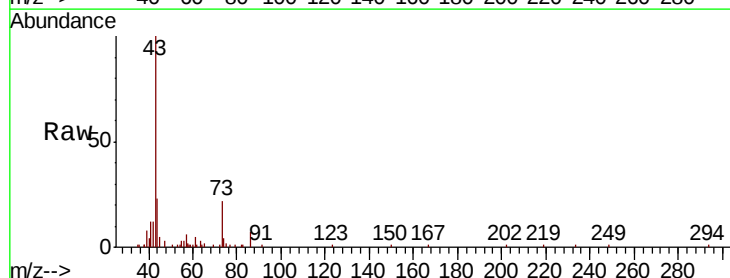
Ion Ratio Lower Upper

43 100

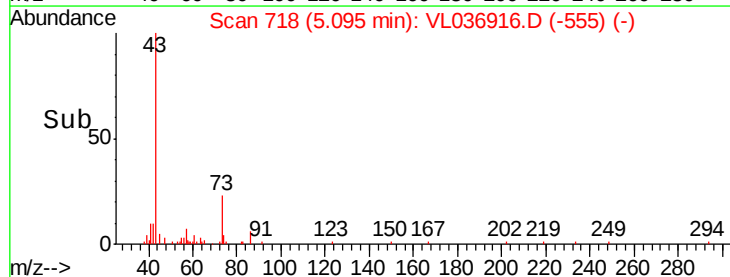
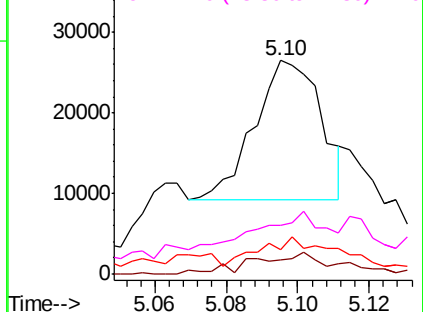
86 7.1 5.3 7.9

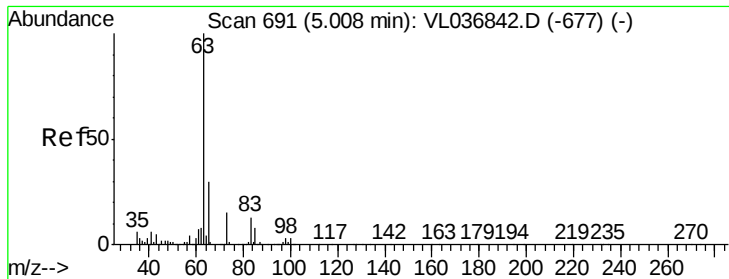
42 4.0 8.7 13.1#

44 17.4 3.9 5.9#



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: 0.310 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

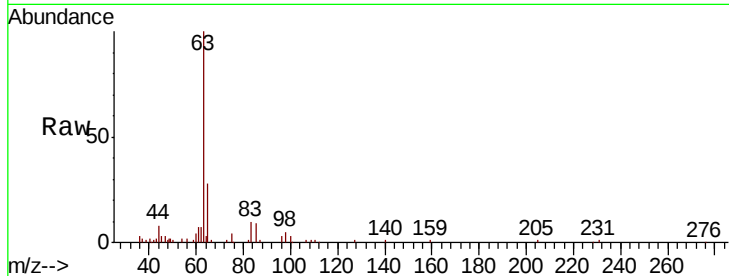
Tot Ion: 63 Resp: 36396

Ion Ratio Lower Upper

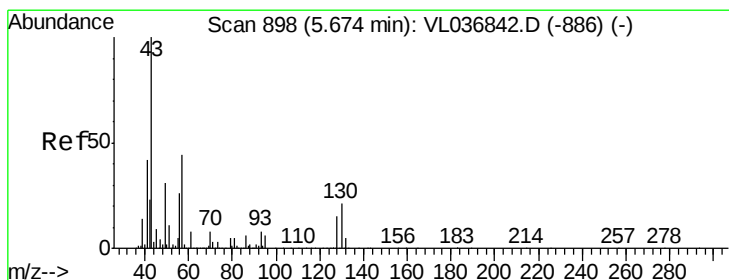
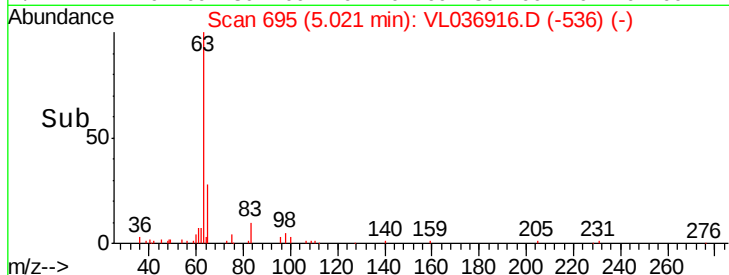
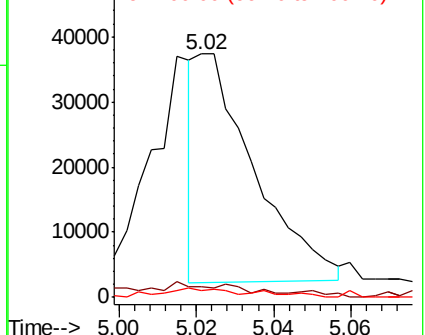
63 100

98 3.2 1.7 5.1

100 3.3 1.3 3.8



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



#25

Ethyl Acetate

Concen: 0.378 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.03 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Tgt Ion: 43 Resp: 112262

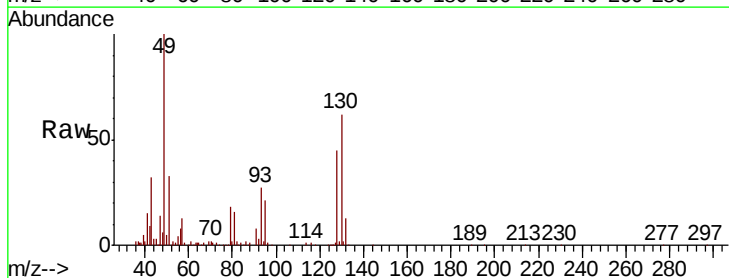
Ion Ratio Lower Upper

43 100

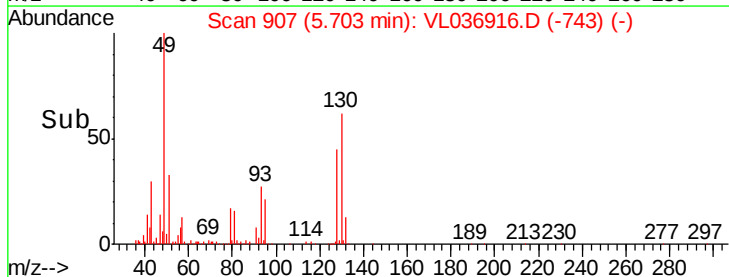
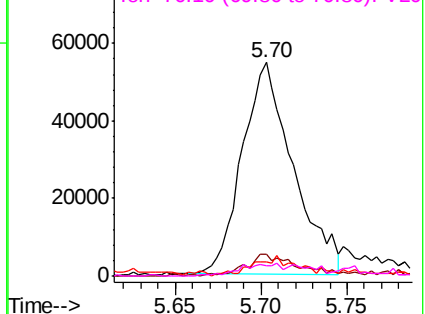
45 11.4 7.8 11.8

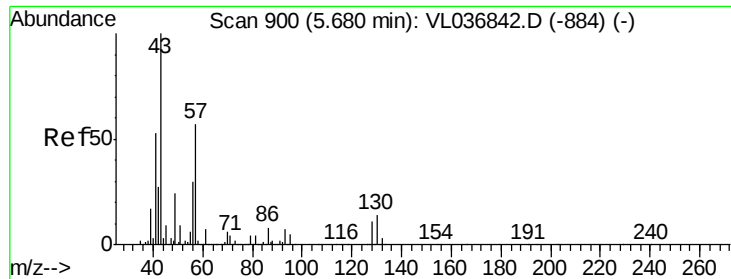
61 11.0 7.4 11.0

70 9.5 5.4 8.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

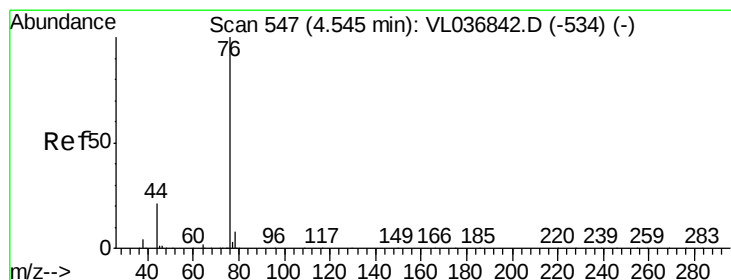
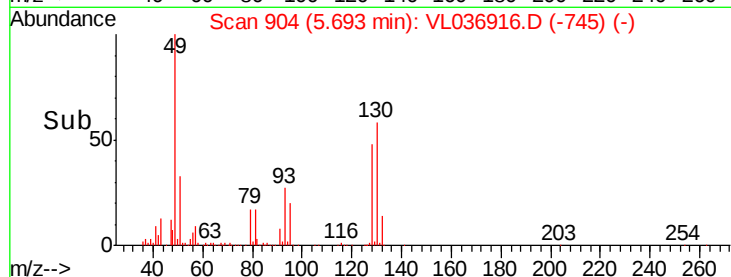
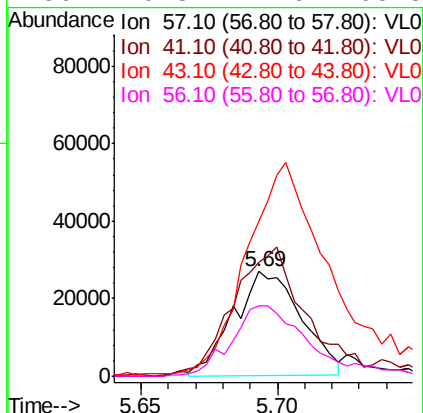
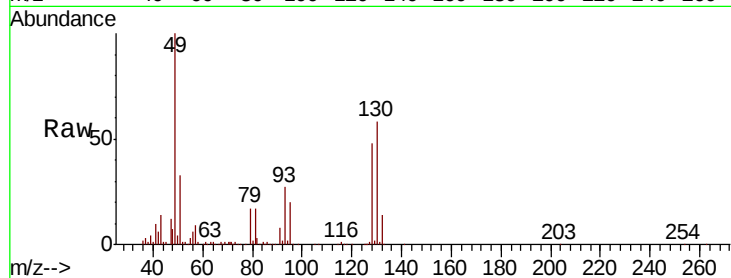




#26
Hexane
Concen: 0.337 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

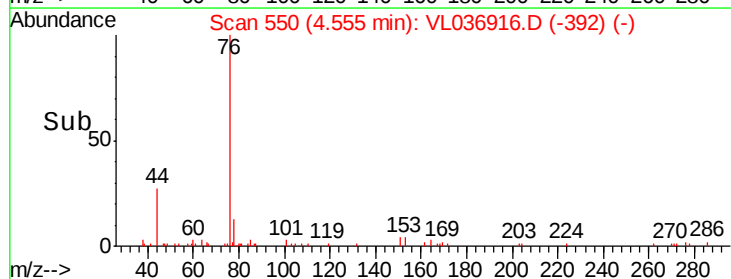
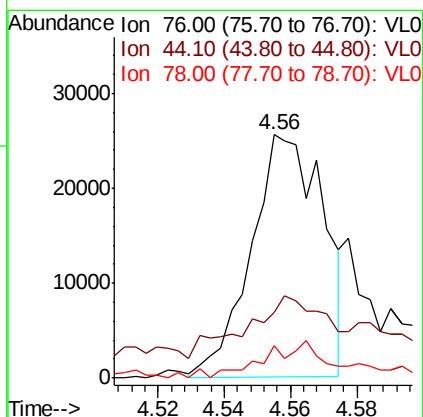
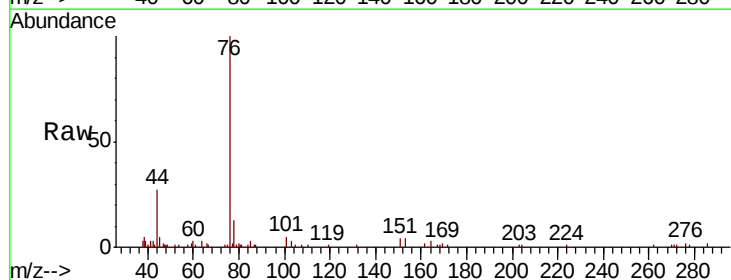
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

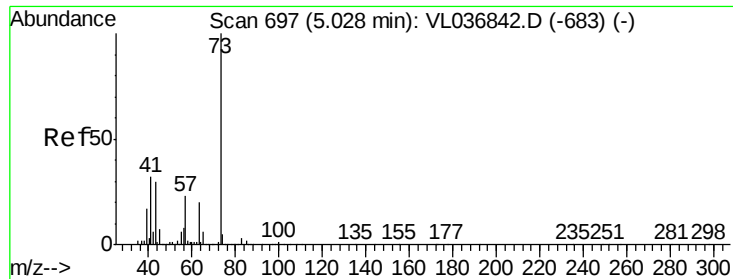
Tot Ion: 57 Resp: 46839
Ion Ratio Lower Upper
57 100
41 143.5 77.7 116.5#
43 279.7 180.5 270.7#
56 79.8 44.6 66.8#



#27
Carbon Disulfide
Concen: 0.320 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion: 76 Resp: 38635
Ion Ratio Lower Upper
76 100
44 52.7 16.9 25.3#
78 16.7 7.9 11.9#



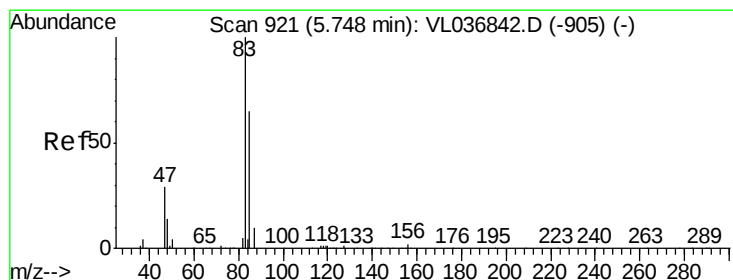
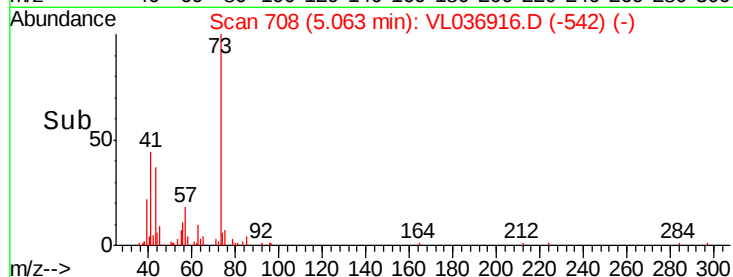
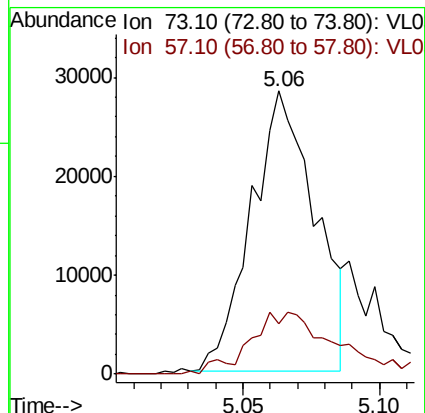
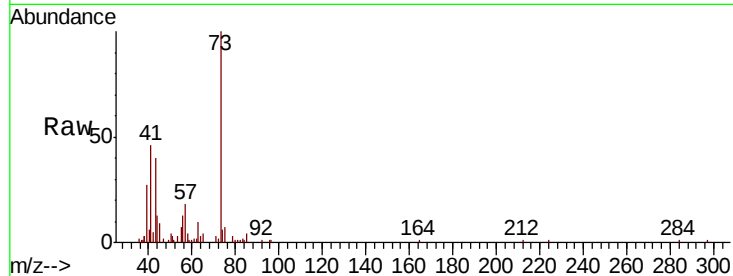


#28

Methvl tert-Butvl Ether
 Concen: 0.374 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. 0.04 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

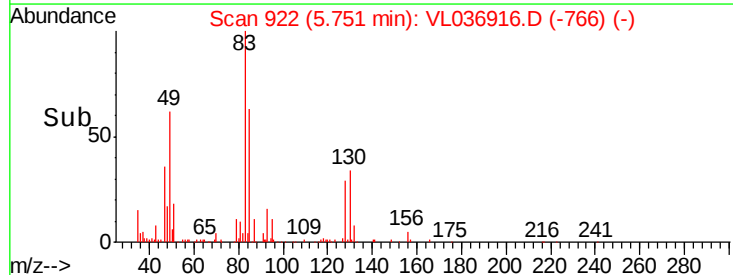
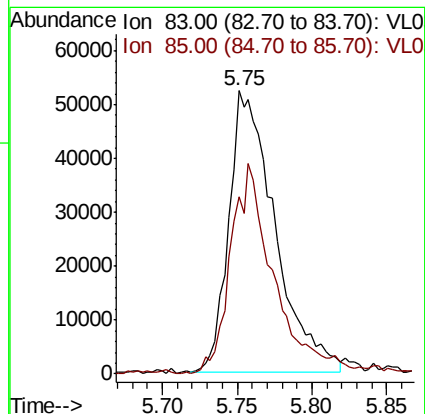
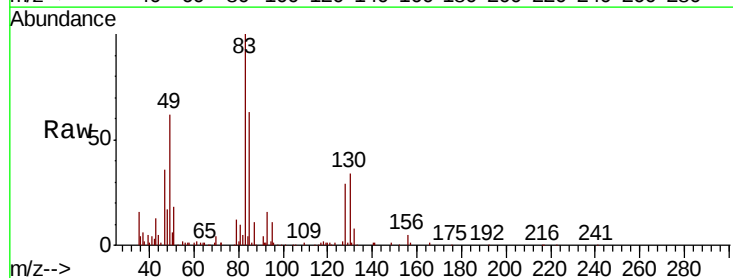
Tot Ion: 73 Resp: 46077
 Ion Ratio Lower Upper
 73 100
 57 30.1 19.0 28.6#

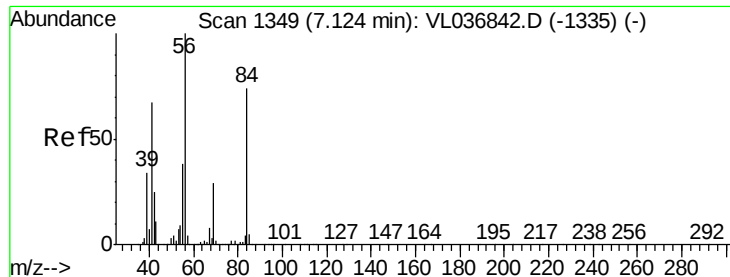


#29

Chloroform
 Concen: 0.518 ppbv
 RT: 5.75 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion: 83 Resp: 112066
 Ion Ratio Lower Upper
 83 100
 85 63.0 52.2 78.4

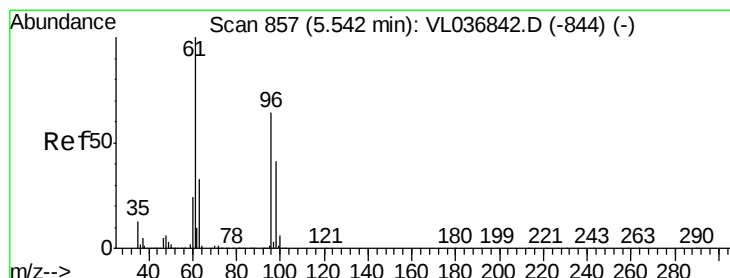
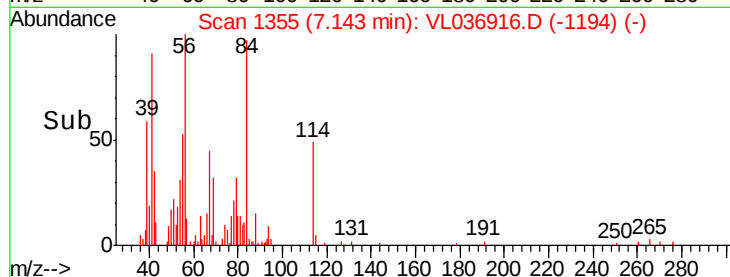
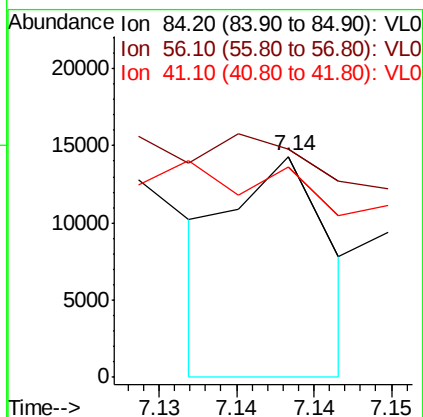
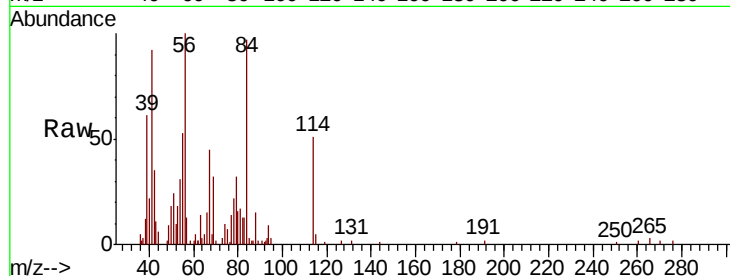




#30
Cvclohexane
Concen: 0.058 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.02 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

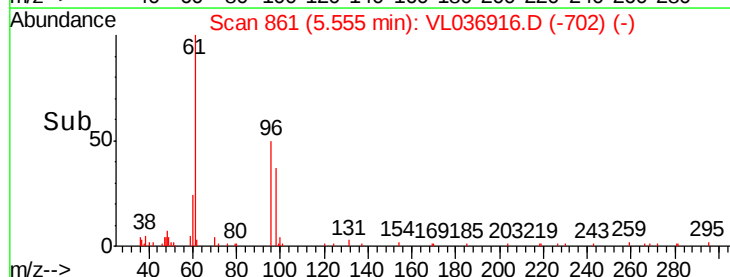
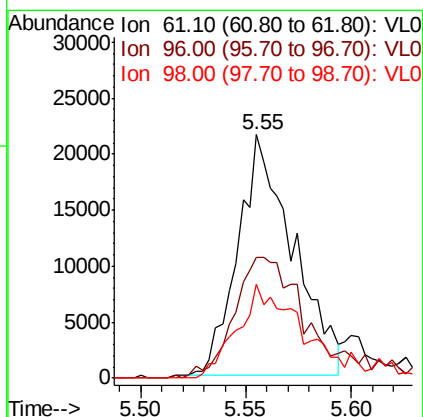
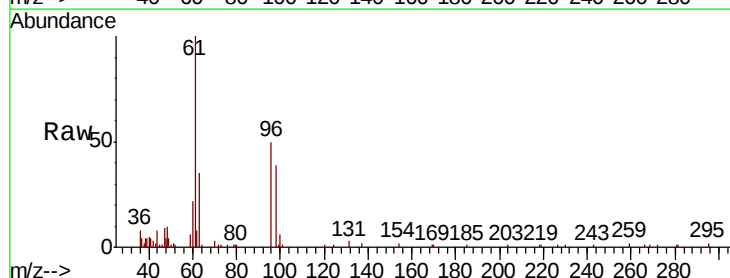
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

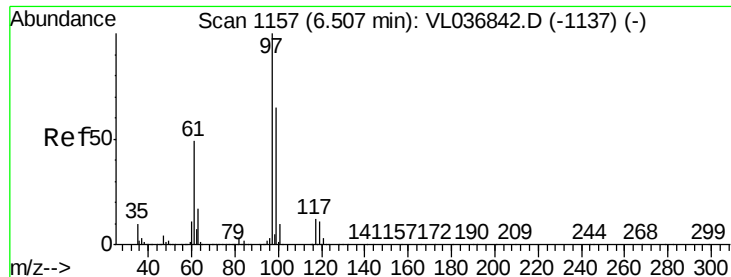
Tot Ion: 84 Resp: 6363
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 0.0 74.6 111.8#



#31
cis-1,2-Dichloroethene
Concen: 0.314 ppbv
RT: 5.55 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion: 61 Resp: 39138
Ion Ratio Lower Upper
61 100
96 49.1 51.0 76.6#
98 39.1 32.7 49.1





#32

1,1,1-Trichloroethane

Concen: 0.465 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

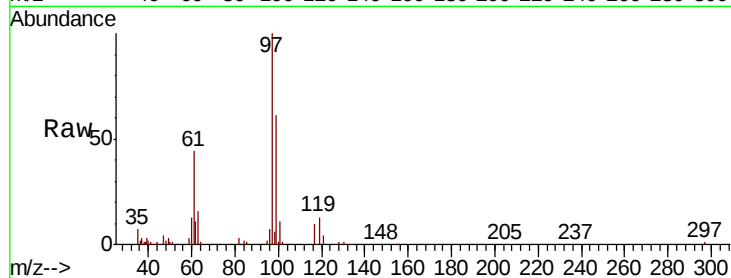
Tot Ion: 97 Resp: 102424

Ion Ratio Lower Upper

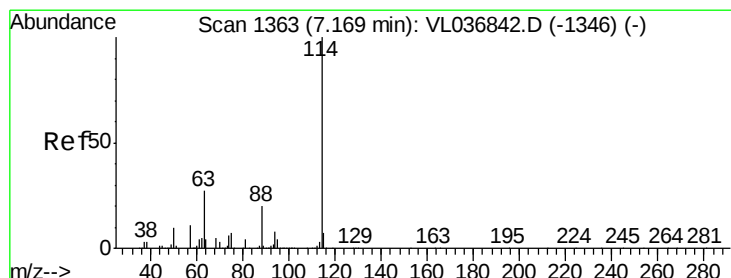
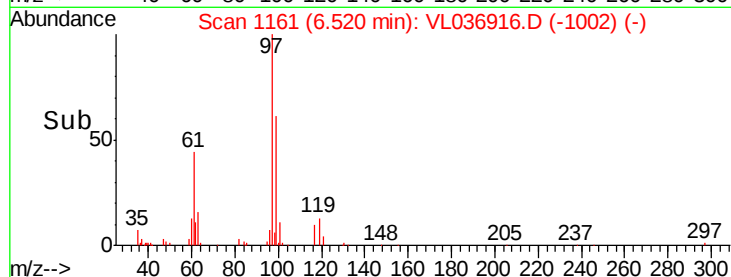
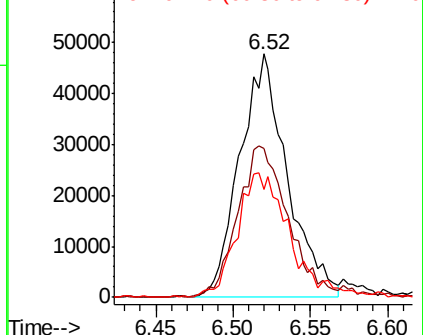
97 100

99 67.6 51.8 77.6

61 56.7 40.8 61.2



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

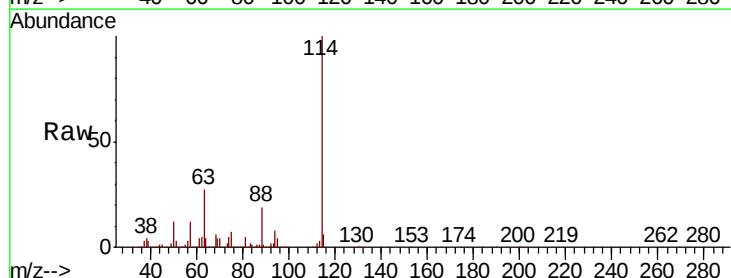
Tgt Ion: 114 Resp: 3072185

Ion Ratio Lower Upper

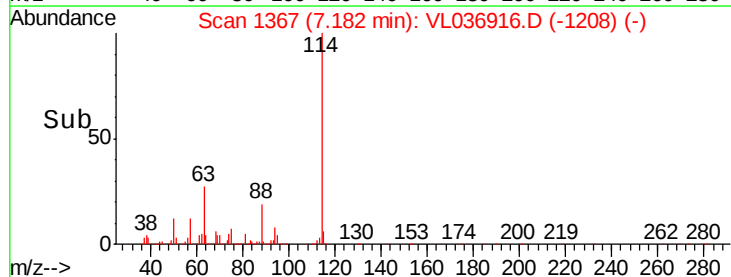
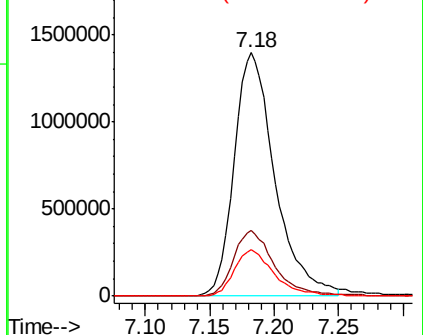
114 100

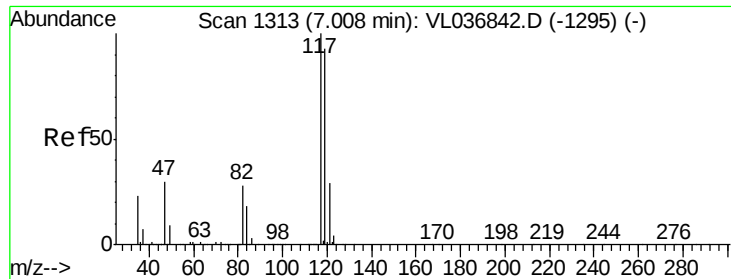
63 27.4 21.9 32.9

88 19.0 15.1 22.7



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





#35

Carbon Tetrachloride

Concen: 0.310 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

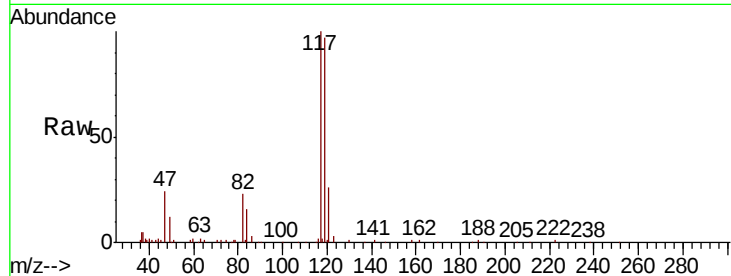
Tot Ion:117 Resp: 64631

Ion Ratio Lower Upper

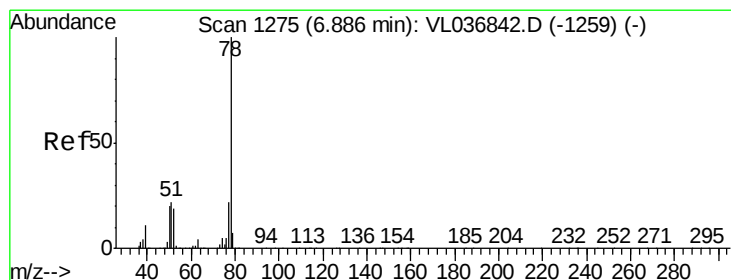
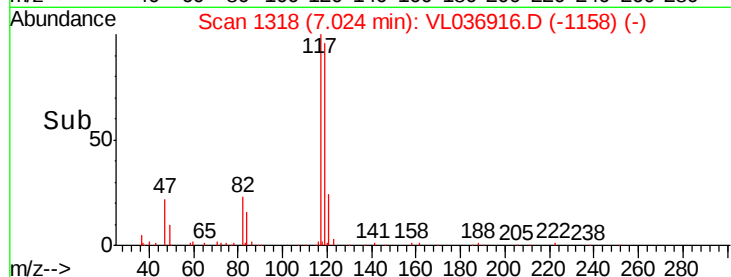
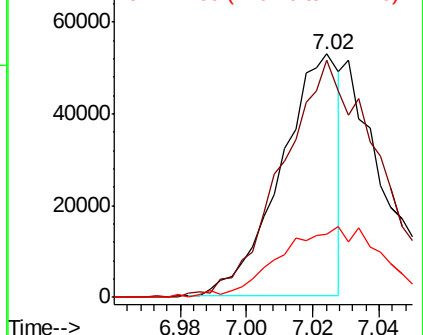
117 100

119 96.4 74.6 111.8

121 26.1 23.3 34.9



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: 0.189 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

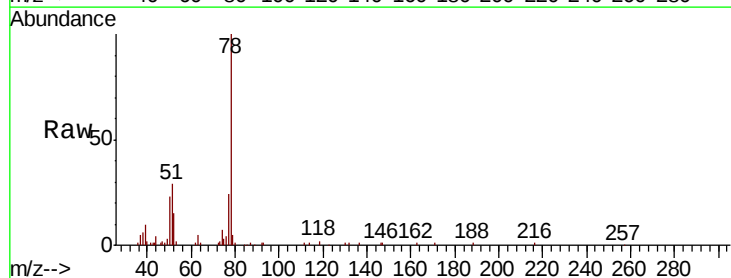
Tgt Ion: 78 Resp: 48862

Ion Ratio Lower Upper

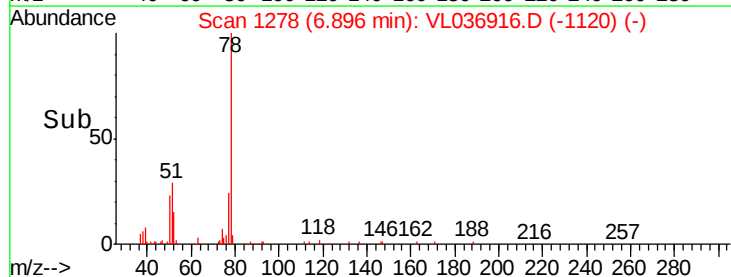
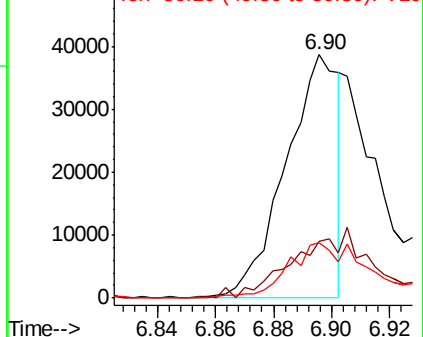
78 100

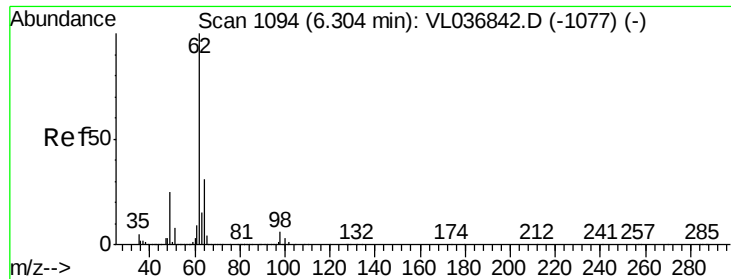
77 23.5 17.6 26.4

50 23.0 16.3 24.5



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

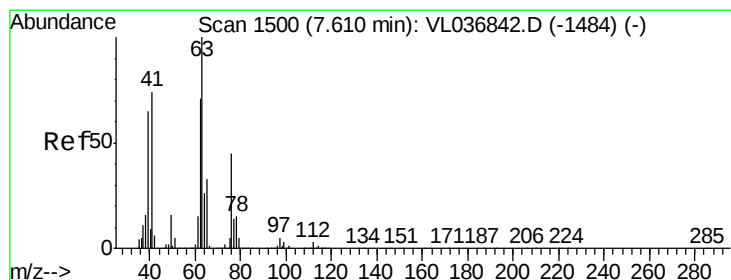
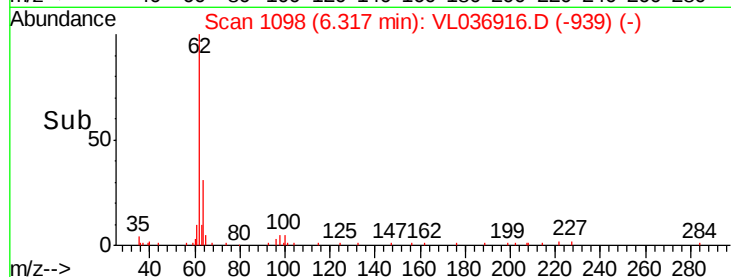
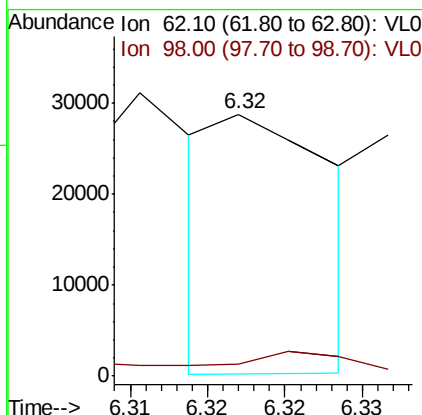
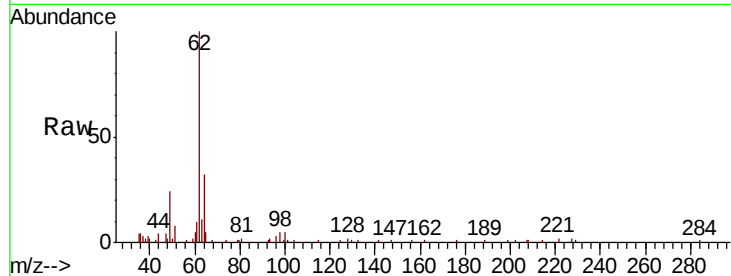




#37
 1,2-Dichloroethane
 Concen: 0.101 ppbv
 RT: 6.32 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

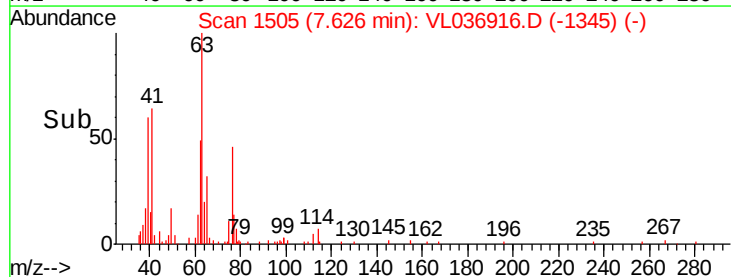
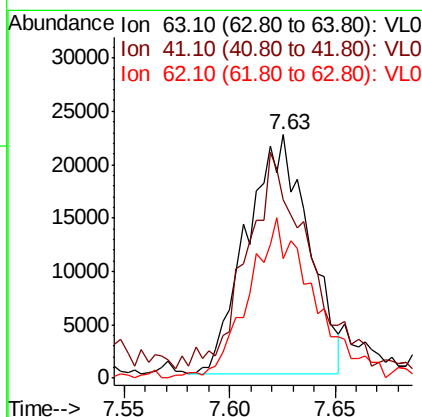
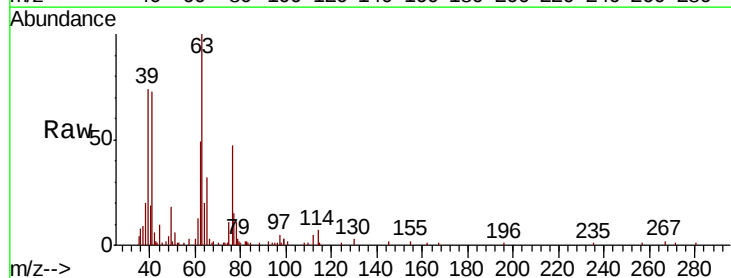
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

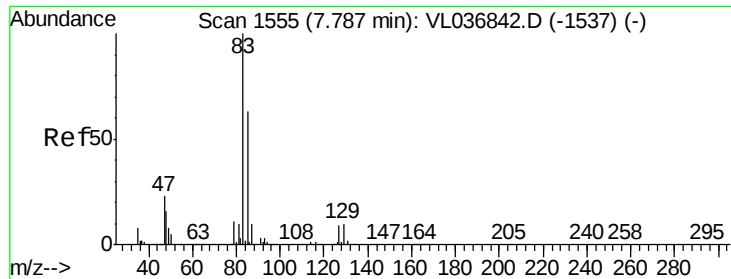
Tot Ion: 62 Resp: 14827
 Ion Ratio Lower Upper
 62 100
 98 29.9 4.8 7.2#



#39
 1,2-Dichloropropane
 Concen: 0.442 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. 0.02 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion: 63 Resp: 45803
 Ion Ratio Lower Upper
 63 100
 41 70.2 59.1 88.7
 62 47.7 56.9 85.3#





#42

Bromodichloromethane

Concen: 0.466 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

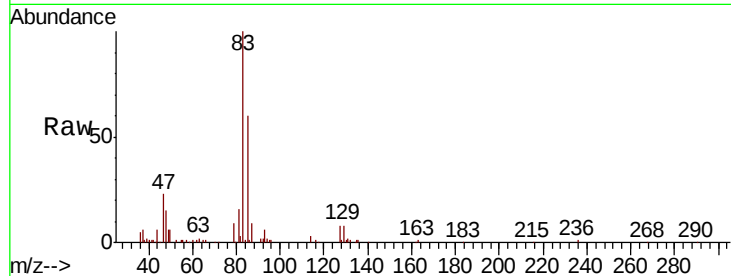
Tot Ion: 83 Resp: 94879

Ion Ratio Lower Upper

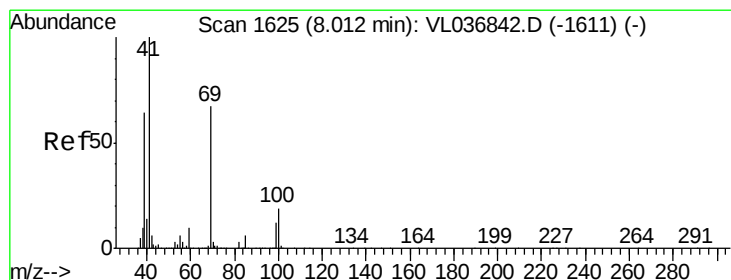
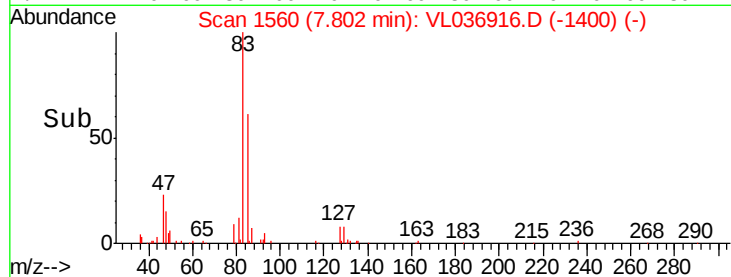
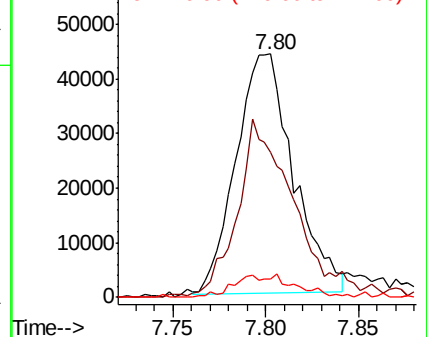
83 100

85 59.3 50.4 75.6

127 7.7 6.9 10.3



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): VL0



#43

Methyl Methacrylate

Concen: 0.106 ppbv

RT: 8.03 min Scan# 1631

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

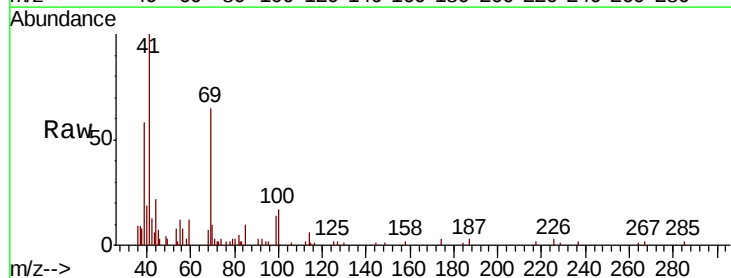
Tgt Ion: 69 Resp: 8991

Ion Ratio Lower Upper

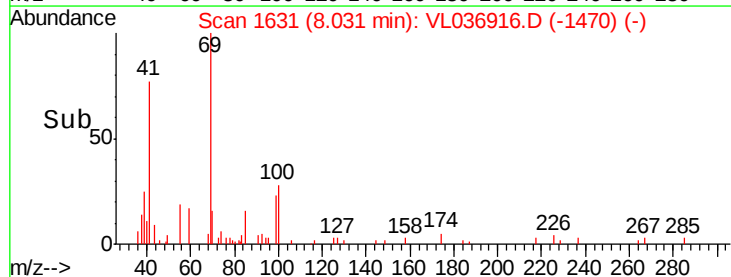
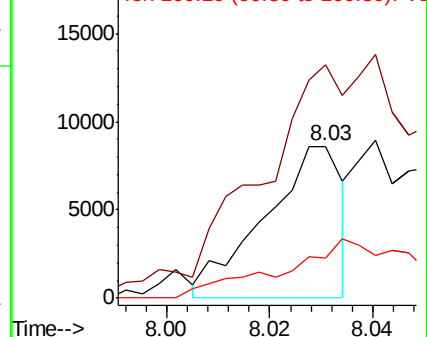
69 100

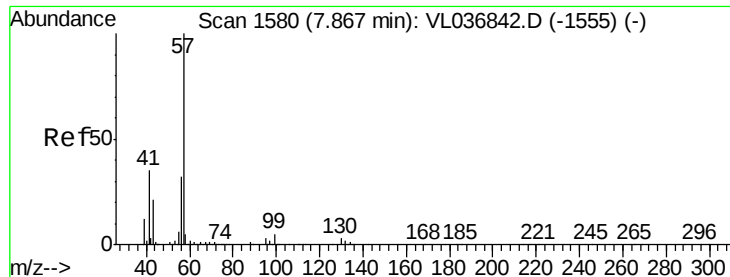
41 0.0 124.2 186.4#

100 86.8 25.5 38.3#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

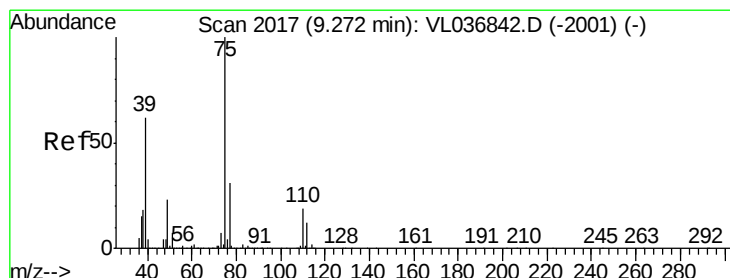
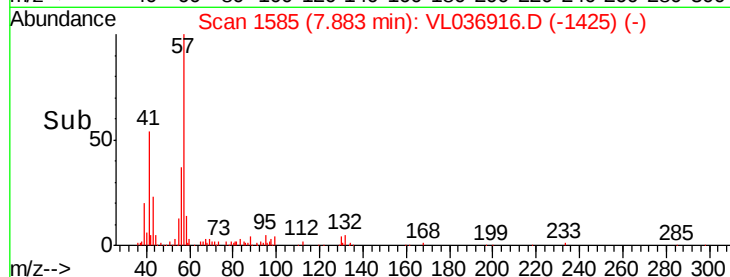
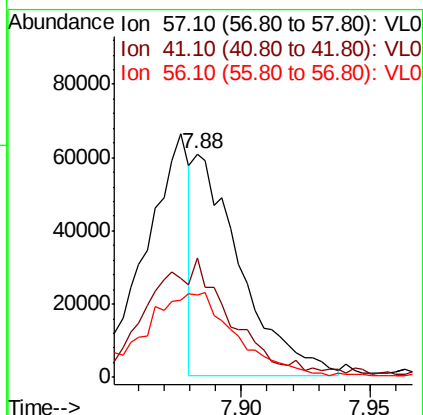
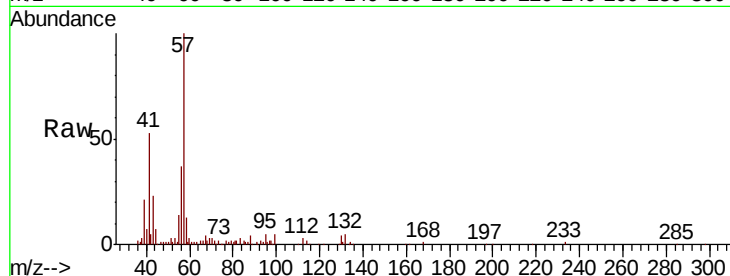




#44
 2,2,4-Trimethylpentane
 Concen: 0.173 ppbv
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.02 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

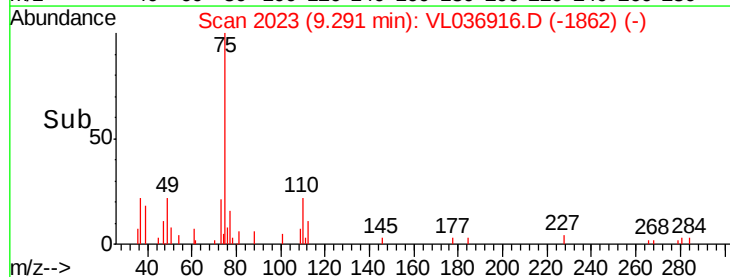
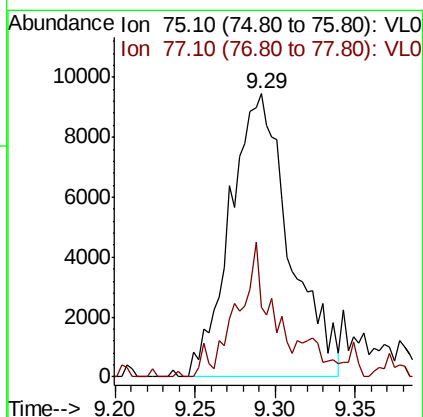
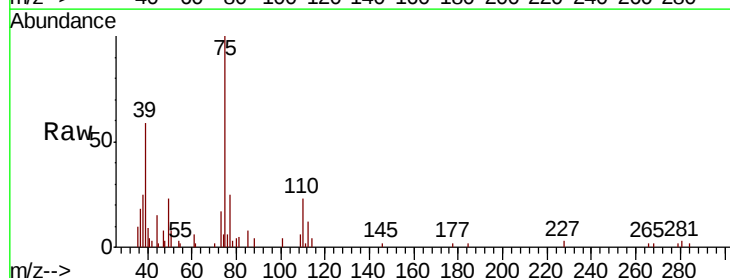
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

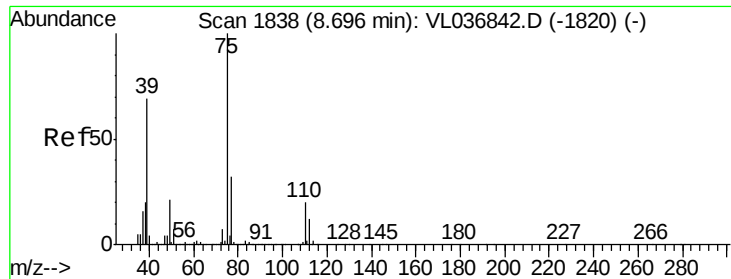
Tot Ion: 57 Resp: 76544
 Ion Ratio Lower Upper
 57 100
 41 100.6 28.2 42.4#
 56 77.9 25.9 38.9#



#45
 t-1,3-Dichloropropene
 Concen: 0.265 ppbv
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.02 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion: 75 Resp: 24136
 Ion Ratio Lower Upper
 75 100
 77 24.8 24.6 37.0



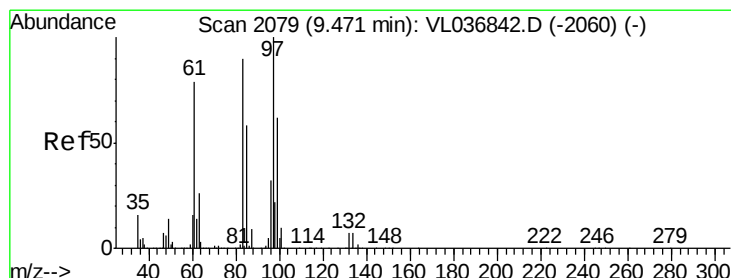
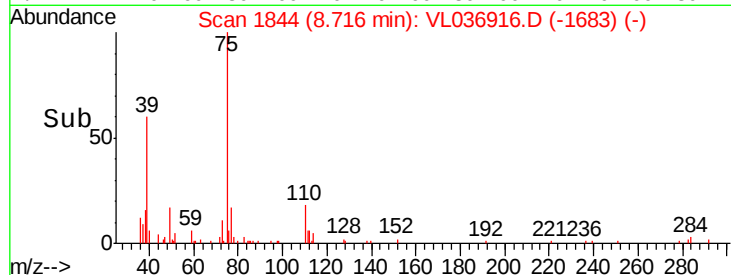
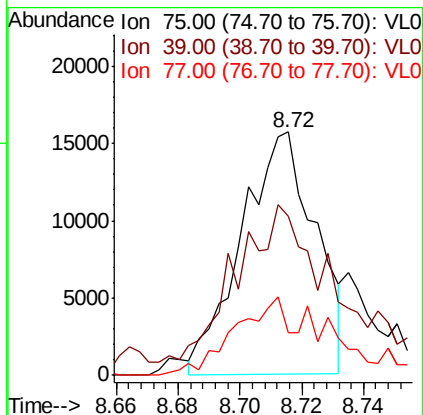
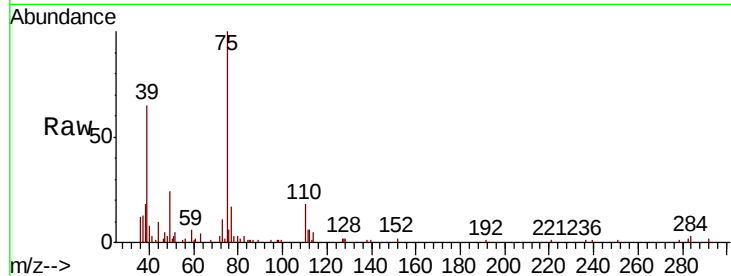


#46

cis-1,3-Dichloropropene
 Concen: 0.224 ppbv
 RT: 8.72 min Scan# 1844
 Delta R.T. 0.02 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

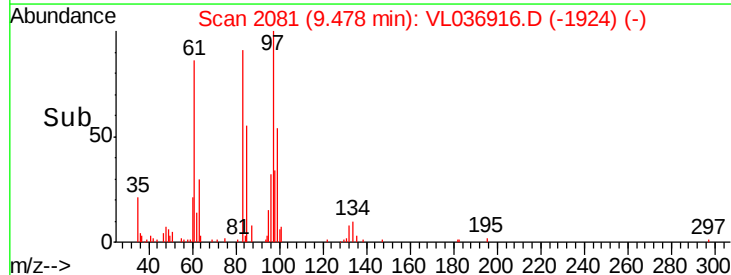
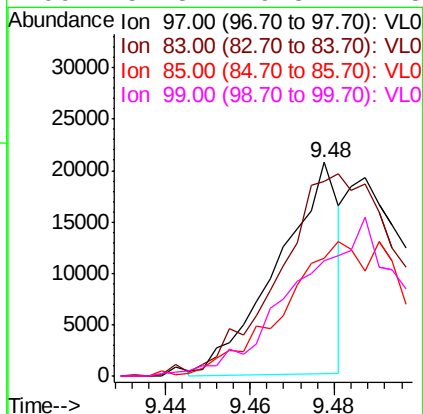
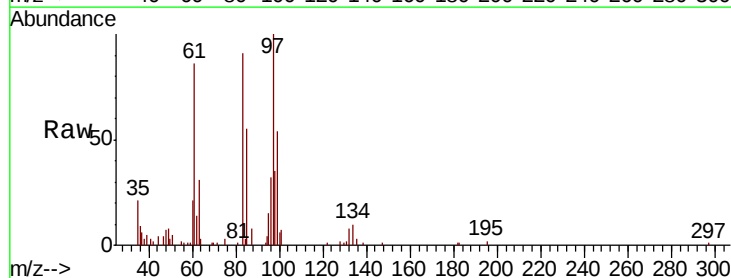
Tot Ion	Ratio	Lower	Upper
75	100		
39	56.8	55.4	83.0
77	12.9	25.2	37.8#

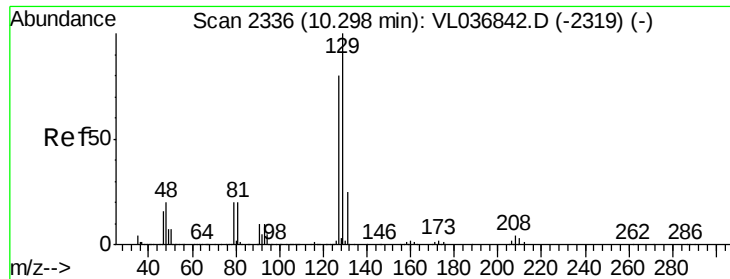


#47

1,1,2-Trichloroethane
 Concen: 0.193 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.9	107.9
85	55.4	46.5	69.7
99	52.8	49.8	74.8





#48

Dibromochloromethane

Concen: 0.393 ppbv

RT: 10.31 min Scan# 2341

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

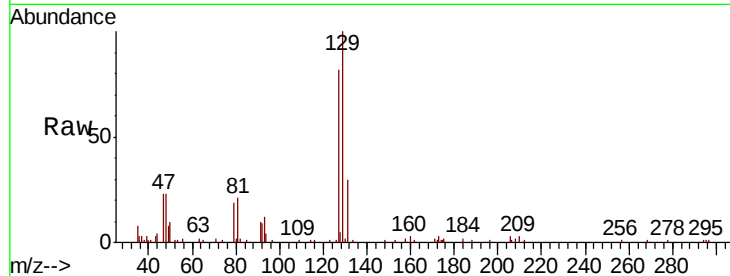
MDL-AIR-03-QT2-2021

Tot Ion:129 Resp: 62537

Ion Ratio Lower Upper

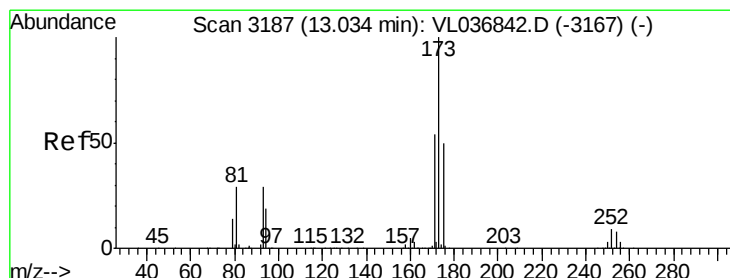
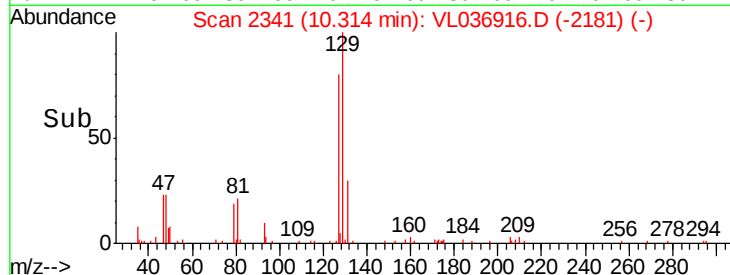
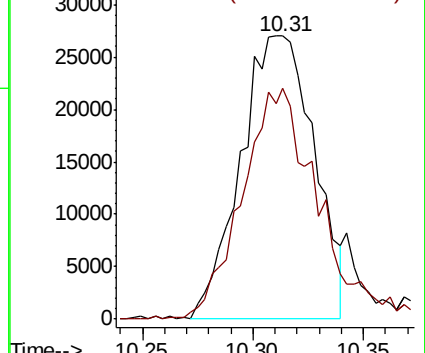
129 100

127 83.3 40.2 120.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.180 ppbv

RT: 13.05 min Scan# 3191

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

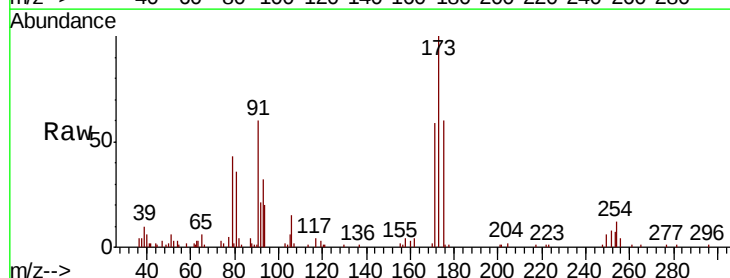
Tgt Ion:173 Resp: 22845

Ion Ratio Lower Upper

173 100

175 125.1 39.6 59.4#

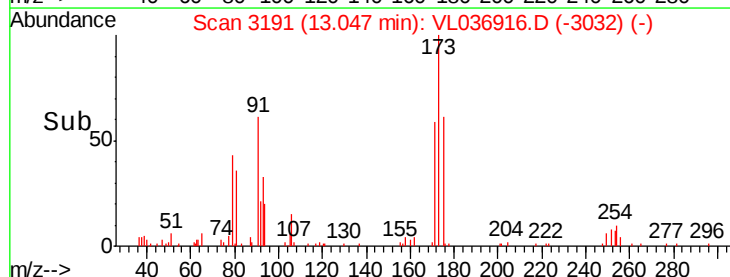
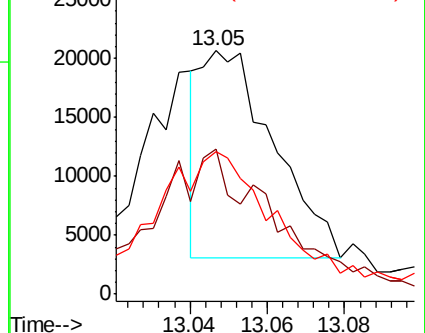
171 132.8 42.2 63.4#

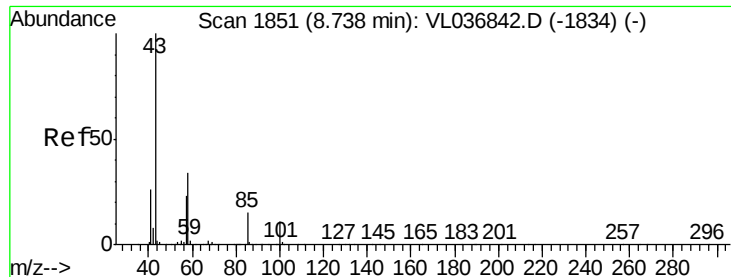


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

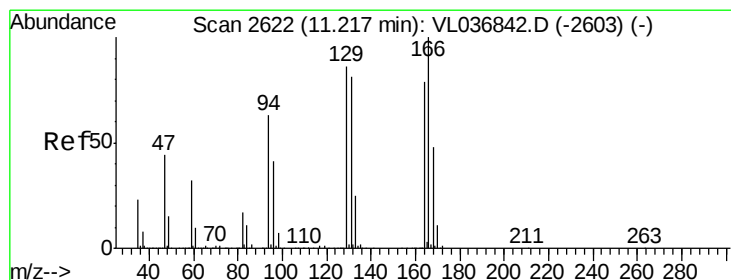
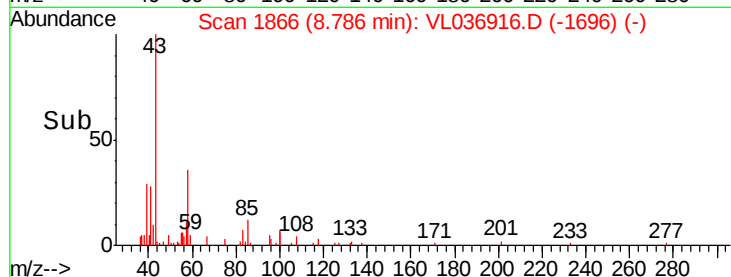
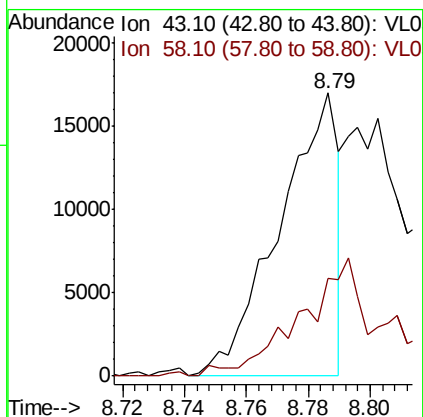
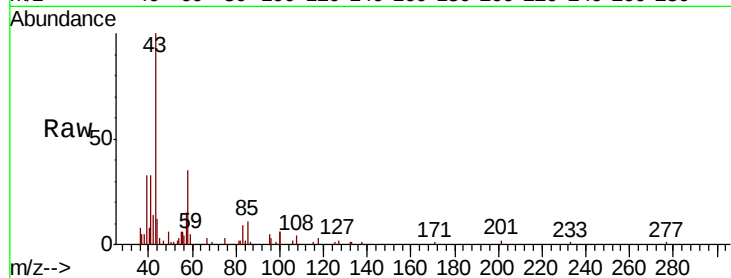




#50
4-Methyl-2-Pentanone
Concen: 0.122 ppbv
RT: 8.79 min Scan# 1866
Delta R.T. 0.05 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

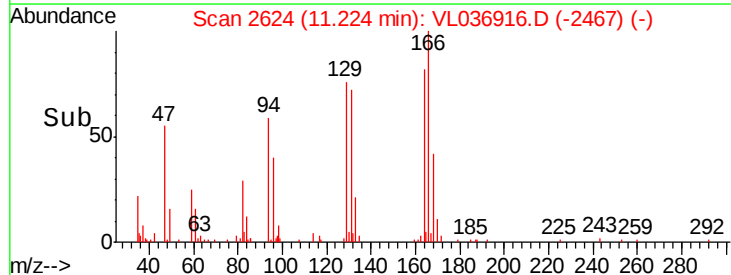
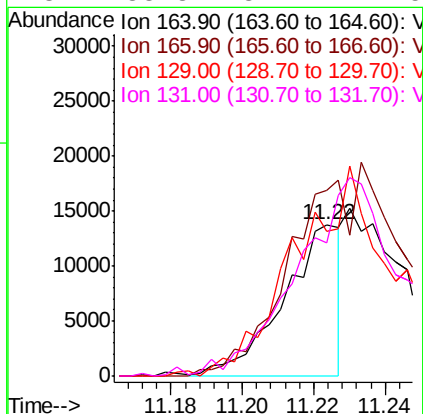
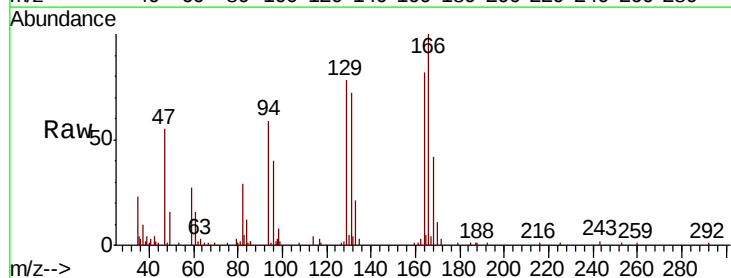
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

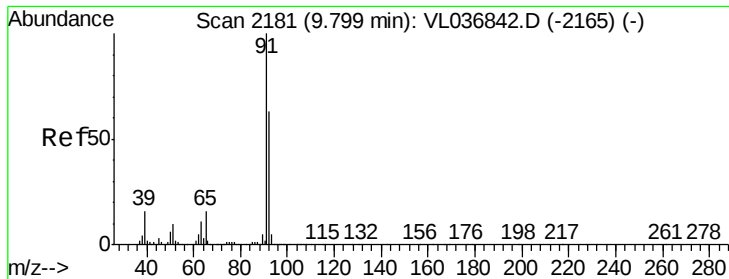
Tot Ion: 43 Resp: 22395
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#52
Tetrachloroethene
Concen: 0.173 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion: 164 Resp: 15223
Ion Ratio Lower Upper
164 100
166 124.2 100.9 151.3
129 93.1 87.0 130.4
131 88.3 81.7 122.5





#53

Toluene

Concen: 0.108 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

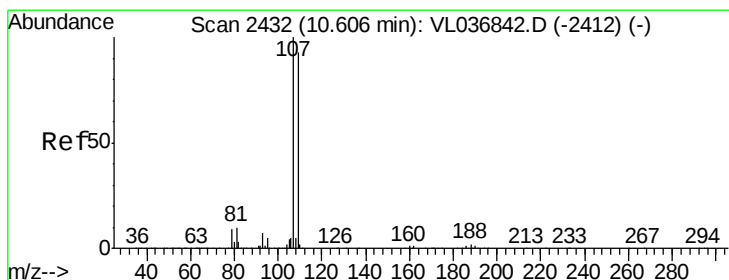
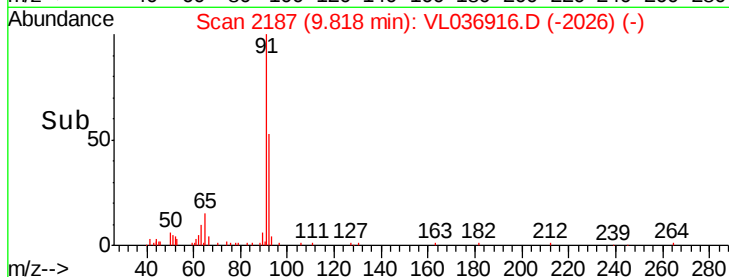
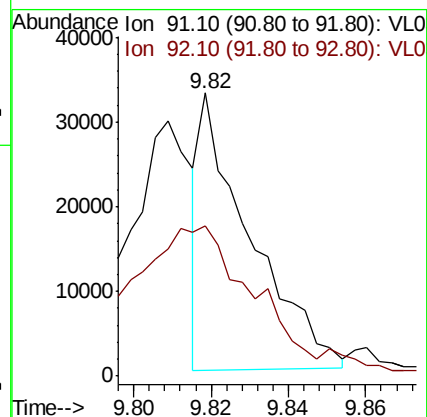
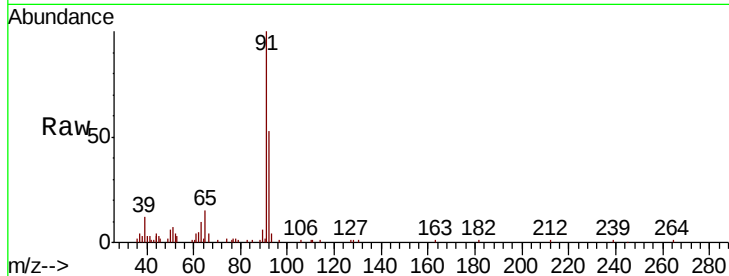
MDL-AIR-03-QT2-2021

Tot Ion: 91 Resp: 29382

Ion Ratio Lower Upper

91 100

92 148.8 49.0 73.4#



#54

1,2-Dibromoethane

Concen: 0.391 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL036916.D

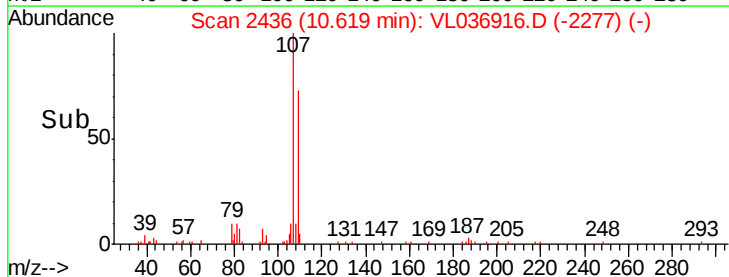
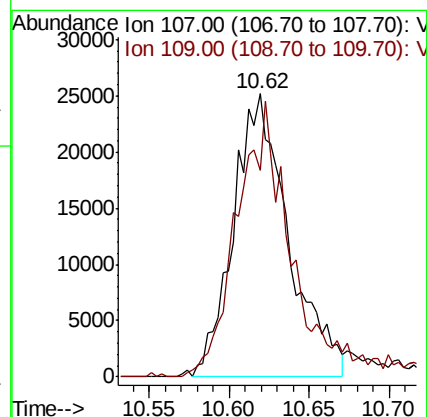
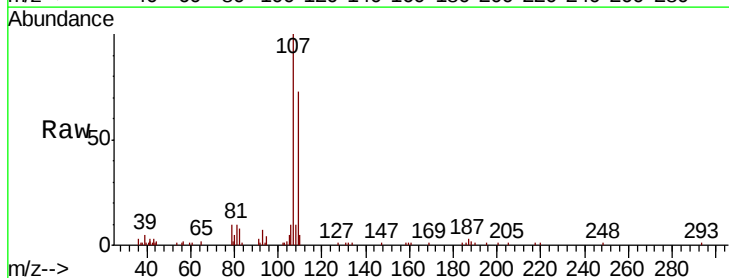
Acq: 7 May 2021 13:02

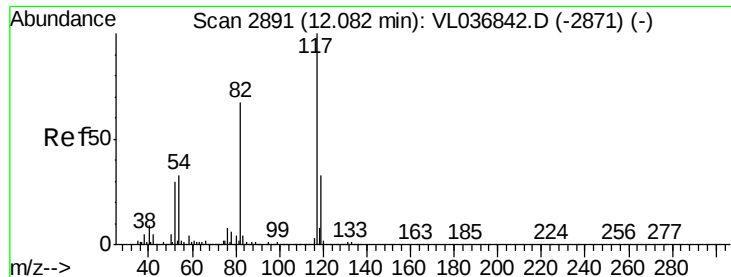
Tgt Ion: 107 Resp: 59336

Ion Ratio Lower Upper

107 100

109 70.4 74.7 112.1#

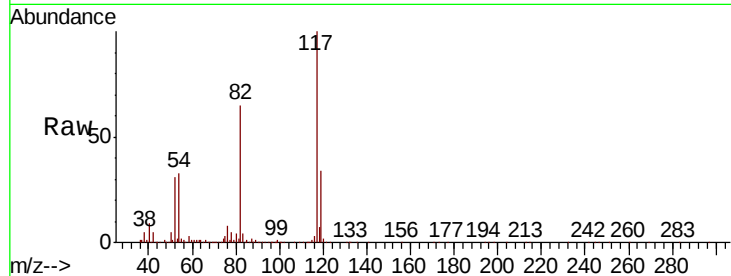




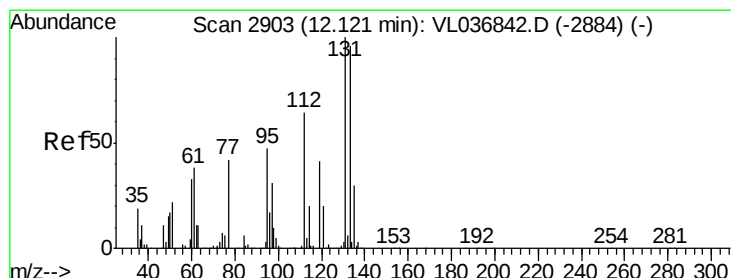
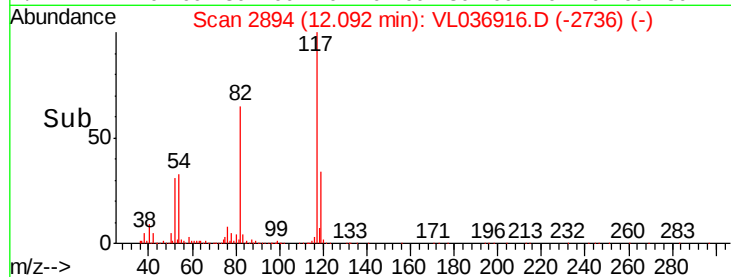
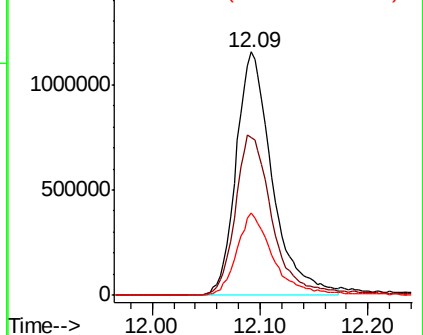
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

Tot Ion:117 Resp: 2698477
Ion Ratio Lower Upper
117 100
82 69.3 53.5 80.3
119 34.8 25.6 38.4

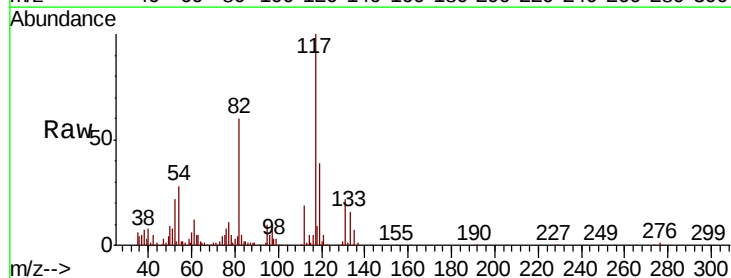


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

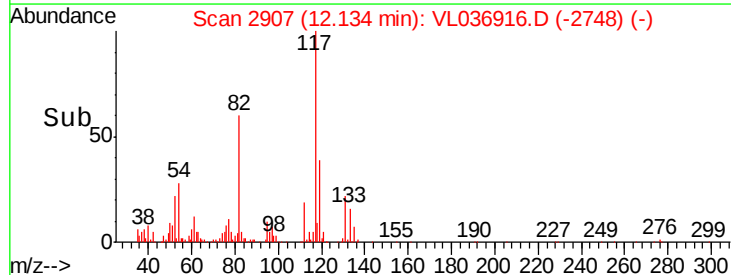
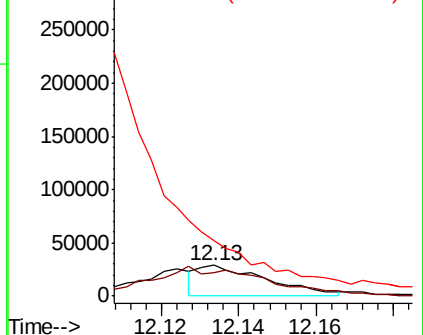


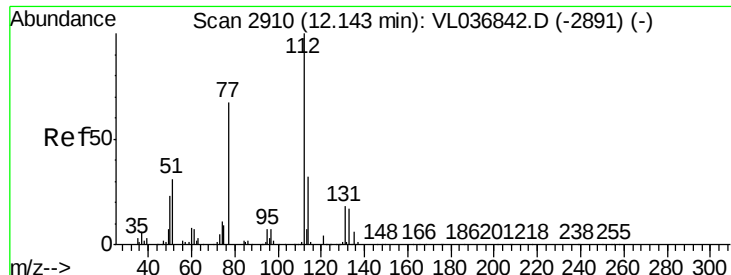
#56
1,1,1,2-Tetrachloroethane
Concen: 0.316 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion:131 Resp: 35694
Ion Ratio Lower Upper
131 100
133 0.0 76.3 114.5#
119 0.0 114.9 172.3#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V

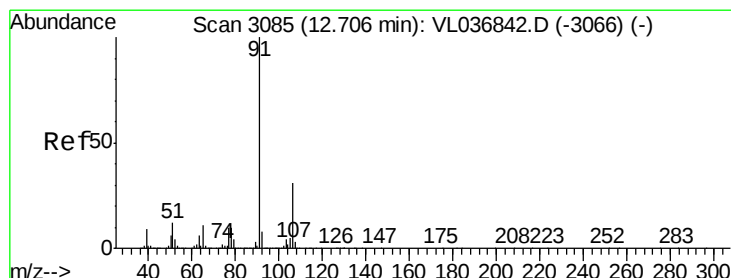
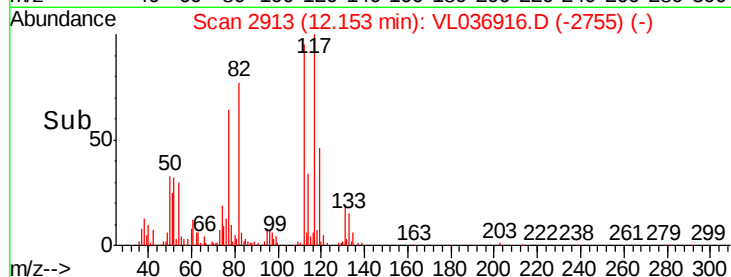
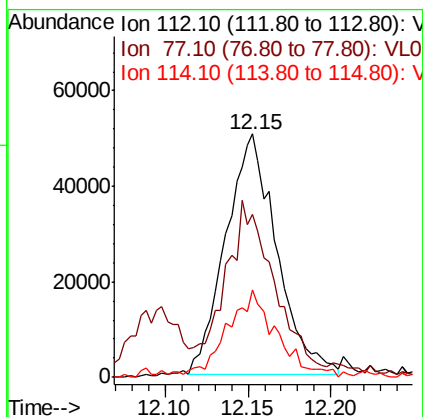
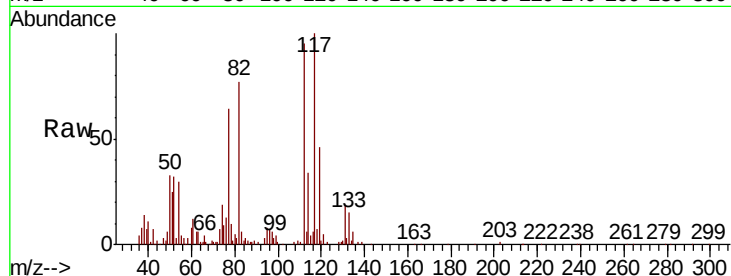




#57
Chlorobenzene
Concen: 0.511 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

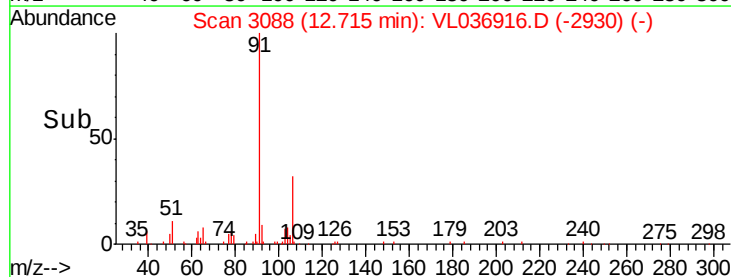
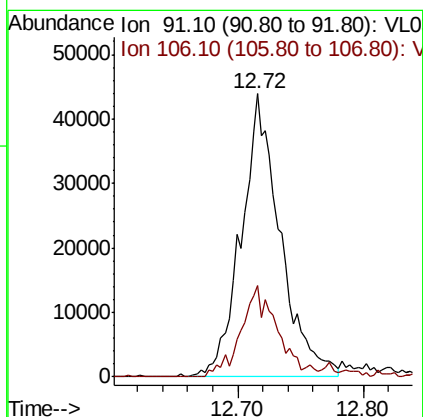
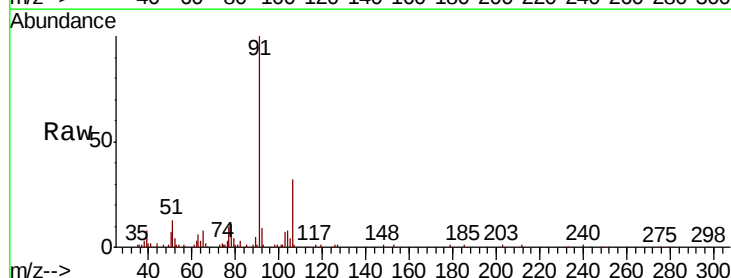
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

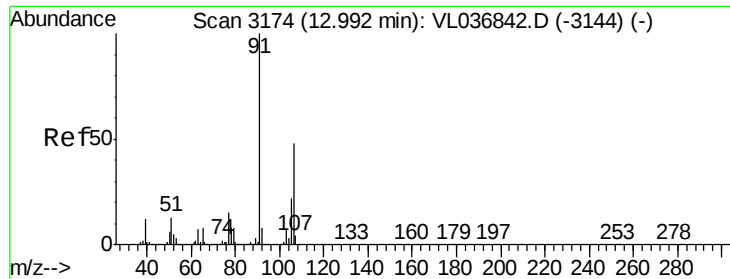
Tot Ion: 112 Resp: 107485
Ion Ratio Lower Upper
112 100
77 62.4 54.2 81.4
114 36.6 28.5 34.9#



#58
Ethyl Benzene
Concen: 0.277 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion: 91 Resp: 94820
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7





#59

m/p-Xylene

Concen: 0.311 ppbv

RT: 13.00 min Scan# 3178

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

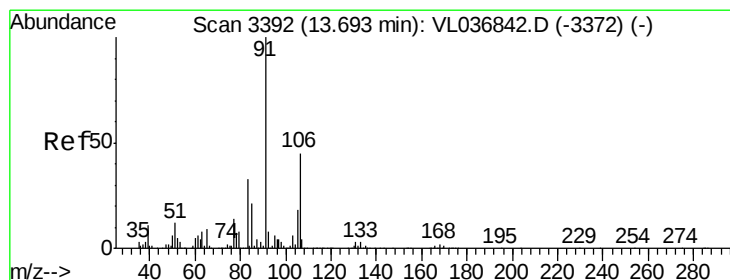
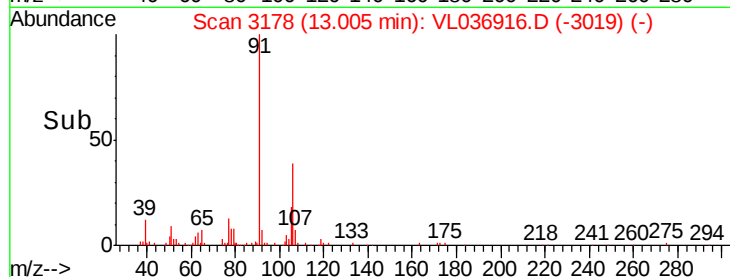
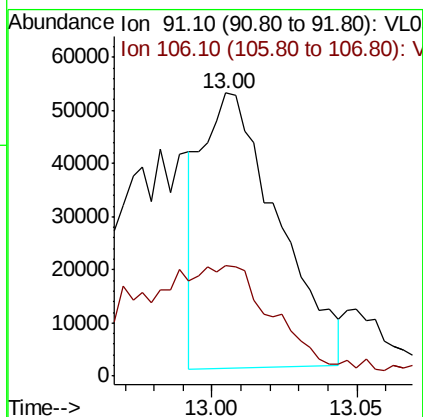
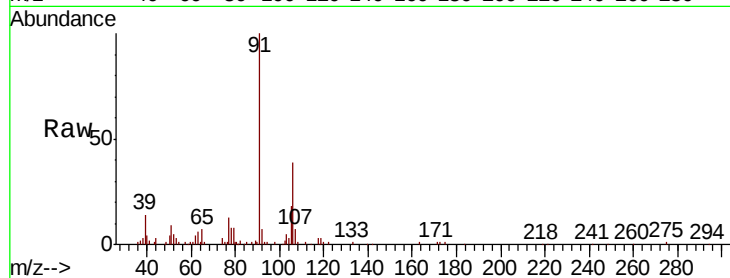
MDL-AIR-03-QT2-2021

Tot Ion: 91 Resp: 95079

Ion Ratio Lower Upper

91 100

106 84.2 35.8 53.6#



#60

o-Xylene

Concen: 0.320 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL036916.D

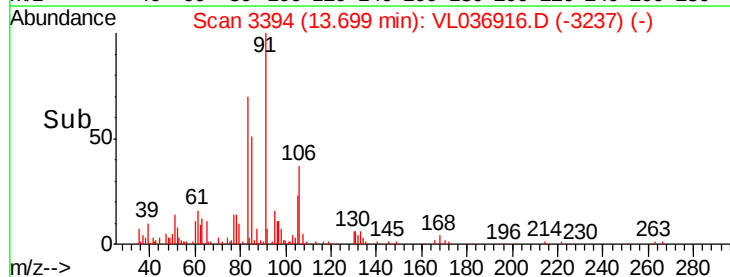
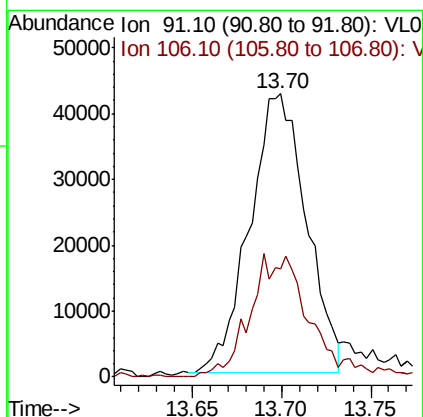
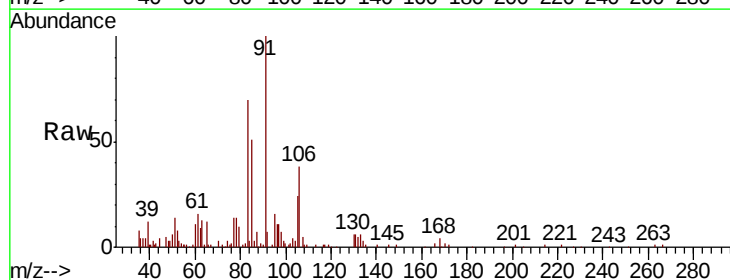
Acq: 7 May 2021 13:02

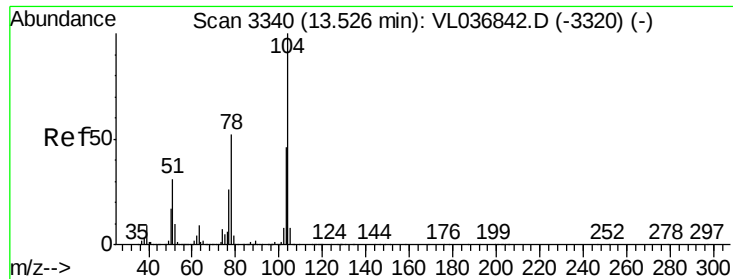
Tgt Ion: 91 Resp: 94696

Ion Ratio Lower Upper

91 100

106 47.1 22.6 67.7





#61

Stvrene

Concen: 0.066 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

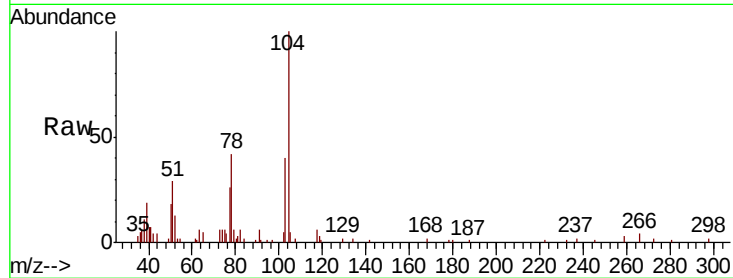
Tot Ion:104 Resp: 9140

Ion Ratio Lower Upper

104 100

78 200.2 42.6 64.0#

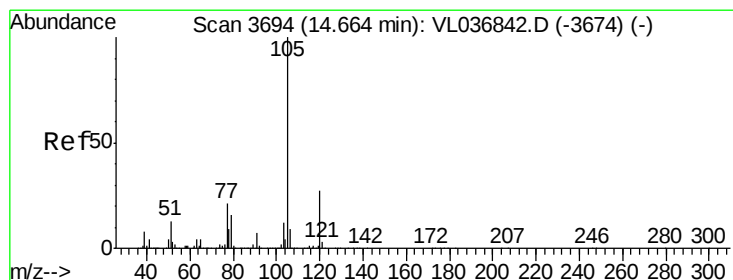
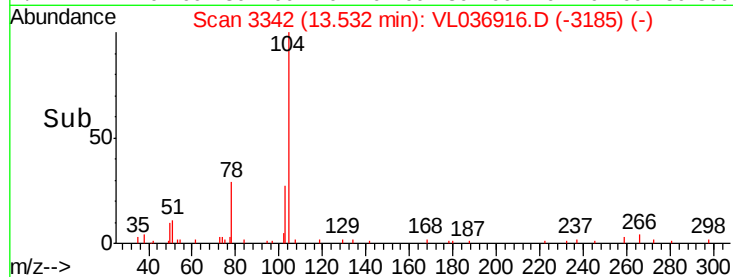
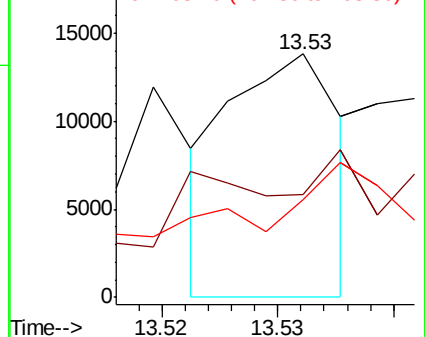
103 178.2 38.1 57.1#



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: 0.349 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL036916.D

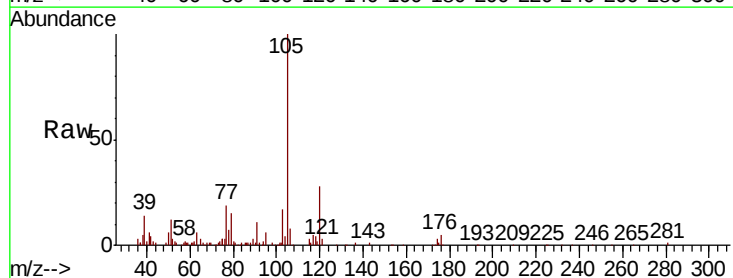
Acq: 7 May 2021 13:02

Tgt Ion:105 Resp: 140590

Ion Ratio Lower Upper

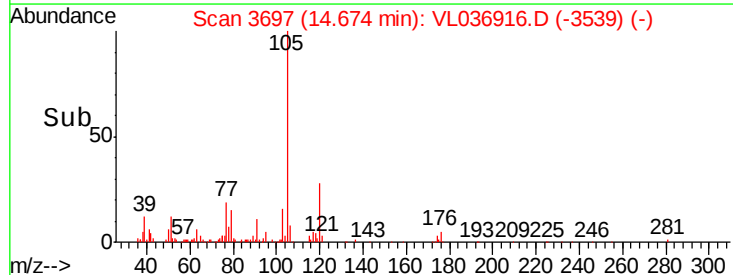
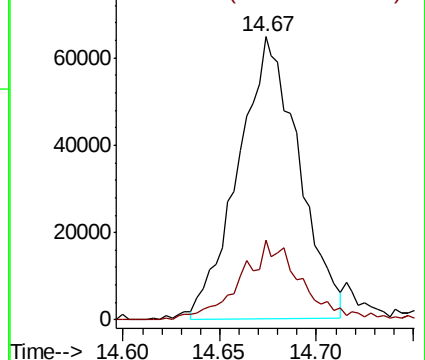
105 100

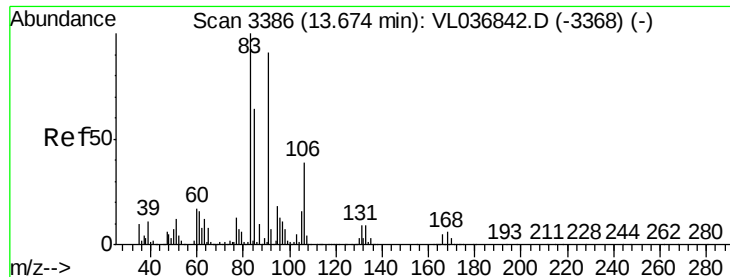
120 28.8 21.1 31.7



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: 0.265 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

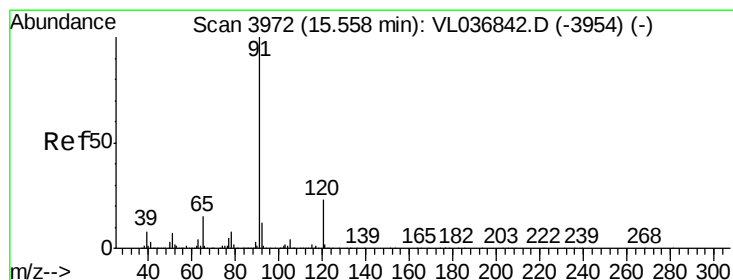
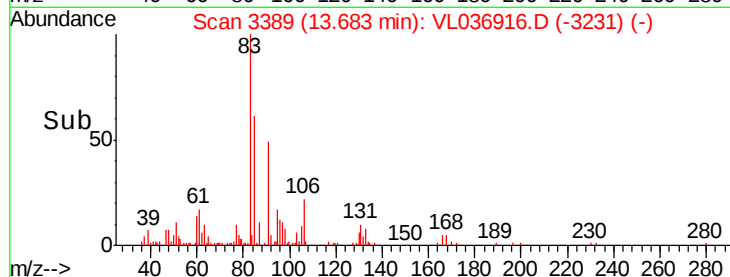
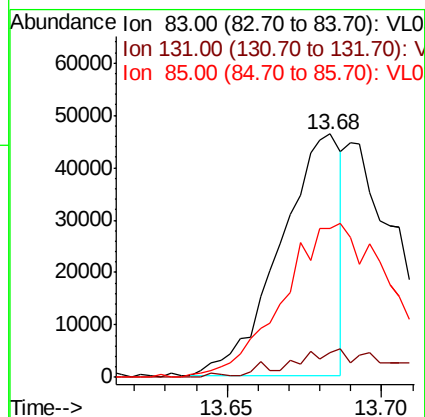
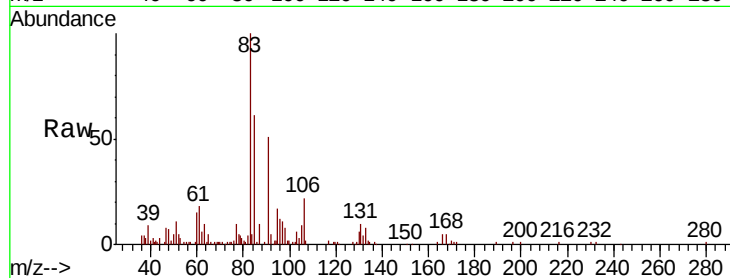
Tot Ion: 83 Resp: 62906

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.8 98.4#



#64

n-propylbenzene

Concen: 0.248 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL036916.D

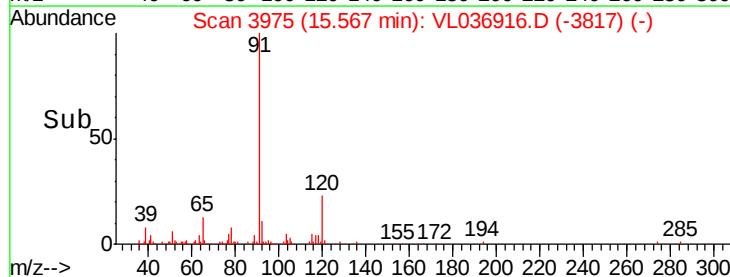
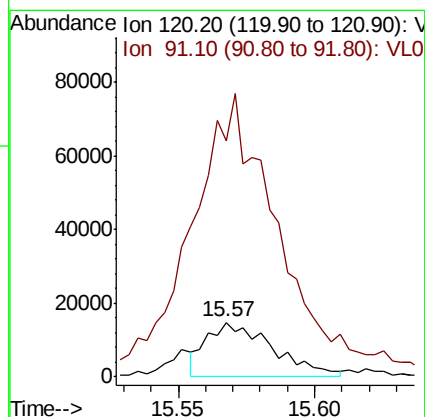
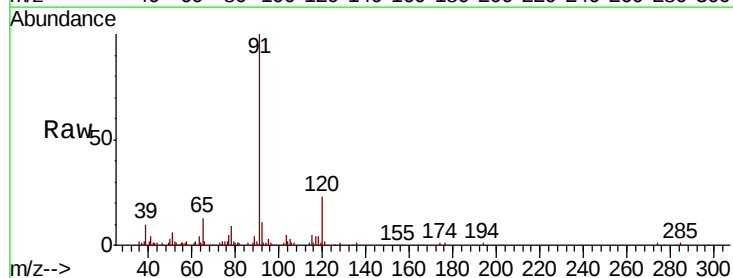
Acq: 7 May 2021 13:02

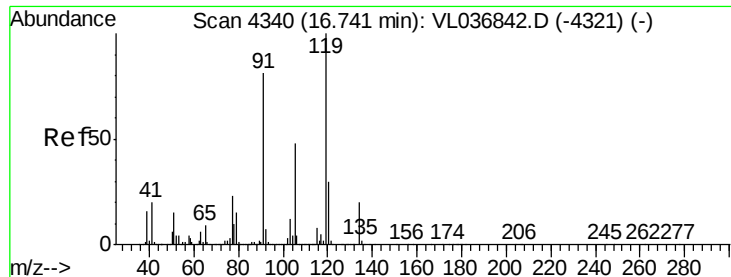
Tgt Ion: 120 Resp: 24828

Ion Ratio Lower Upper

120 100

91 710.7 378.6 567.8#

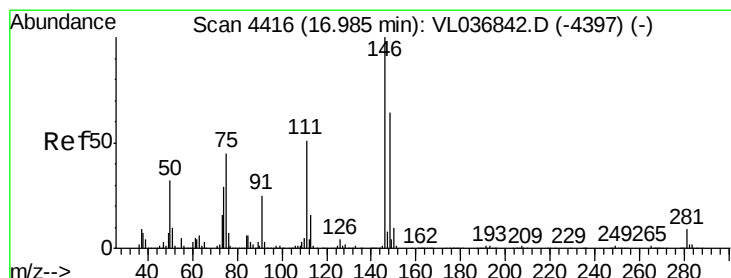
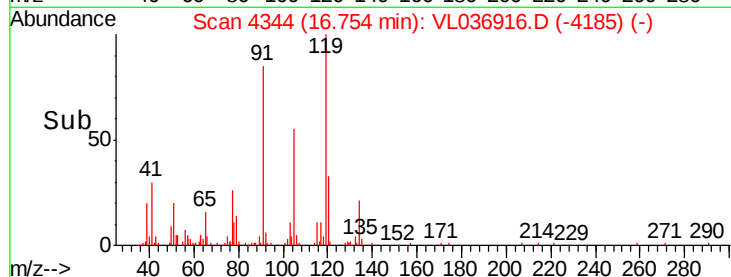
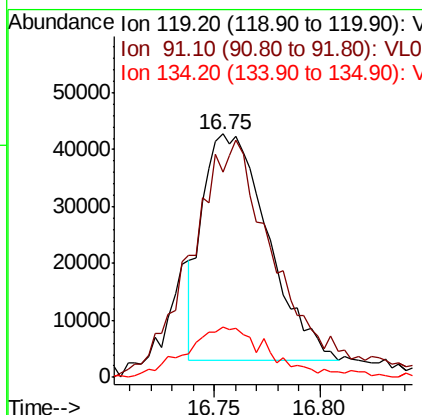
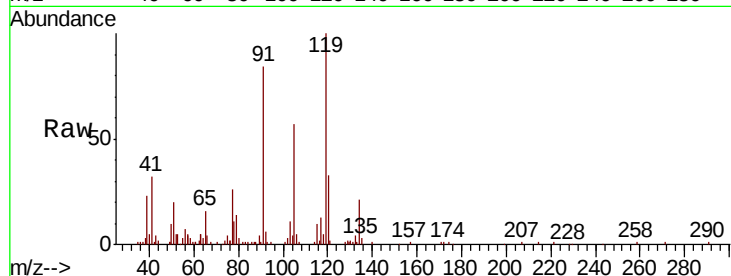




#65
tert-Butylbenzene
Concen: 0.242 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

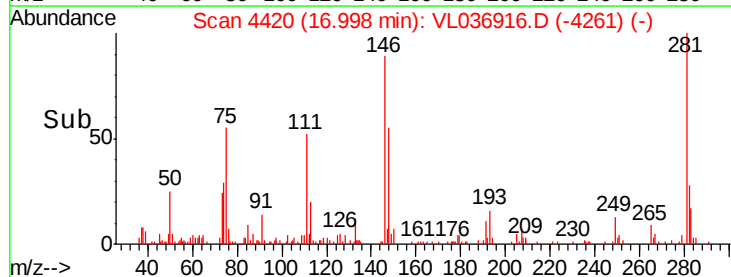
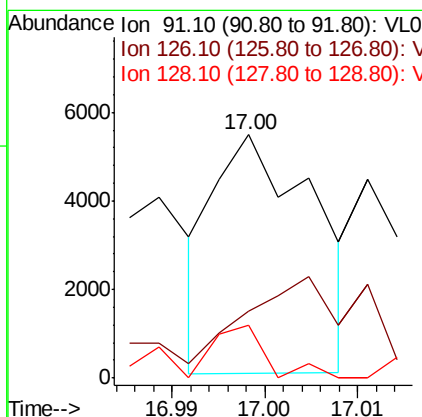
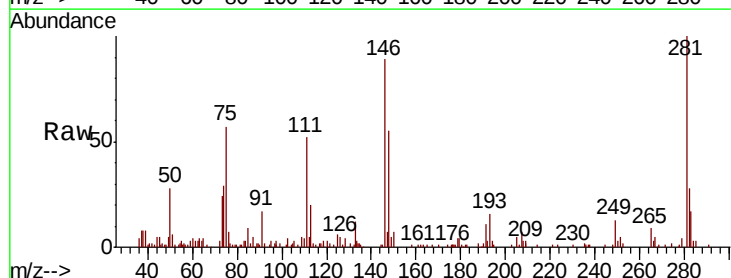
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

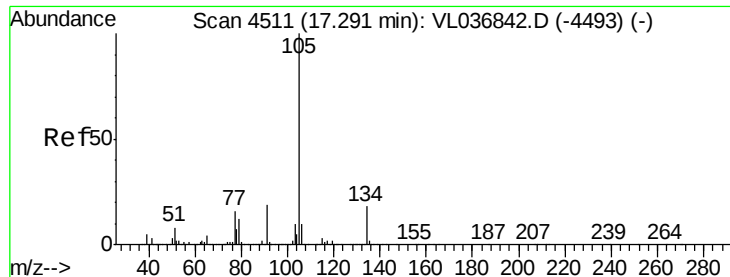
Tot Ion:119 Resp: 85943
Ion Ratio Lower Upper
119 100
91 138.9 67.0 100.6#
134 28.9 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.117 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. 0.01 min
Lab File: VL036916.D
Acq: 7 May 2021 13:02

Tgt Ion: 91 Resp: 4079
Ion Ratio Lower Upper
91 100
126 124.3 14.1 21.1#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.313 ppbv

RT: 17.31 min Scan# 4517

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

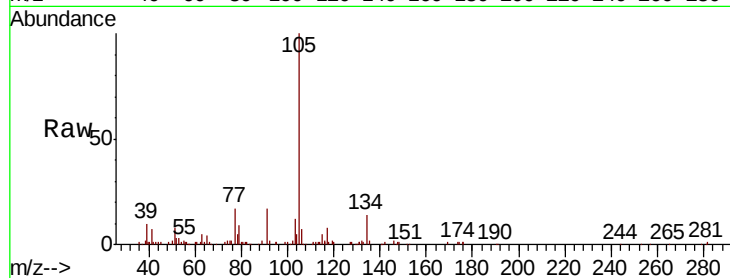
MDL-AIR-03-QT2-2021

Tot Ion:105 Resp: 154839

Ion Ratio Lower Upper

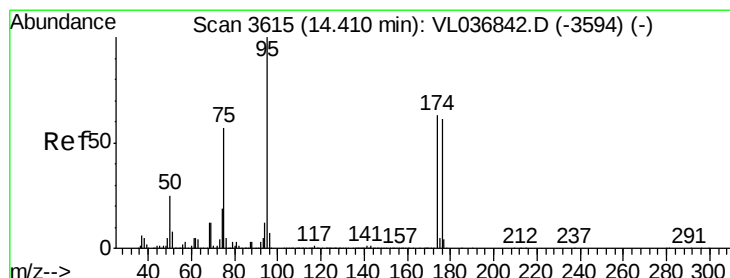
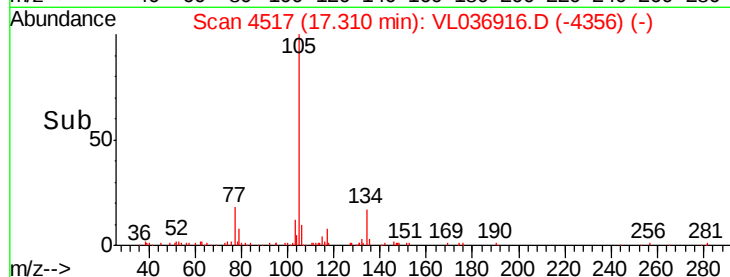
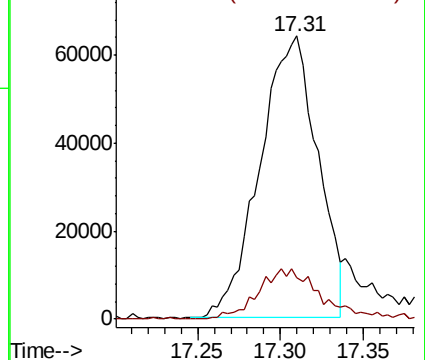
105 100

134 19.4 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.463 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

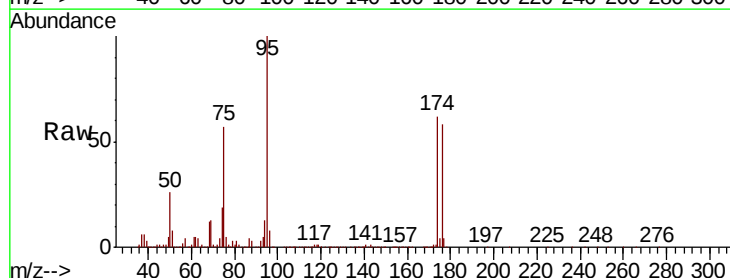
Tgt Ion: 95 Resp: 2266412

Ion Ratio Lower Upper

95 100

174 65.1 52.2 78.2

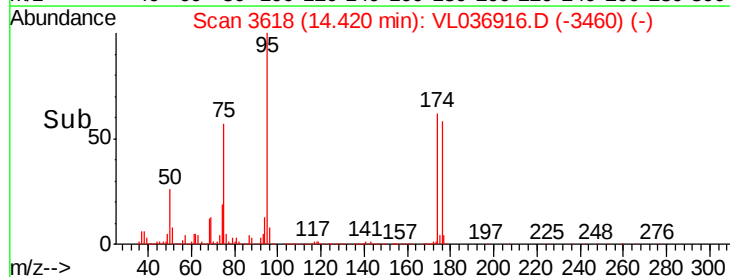
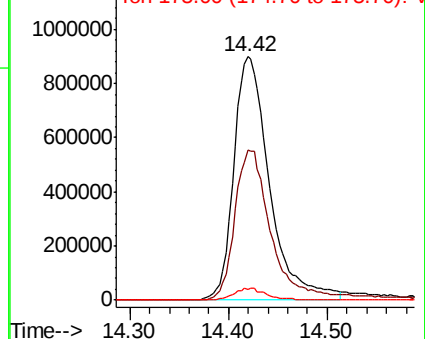
175 4.5 4.0 6.0

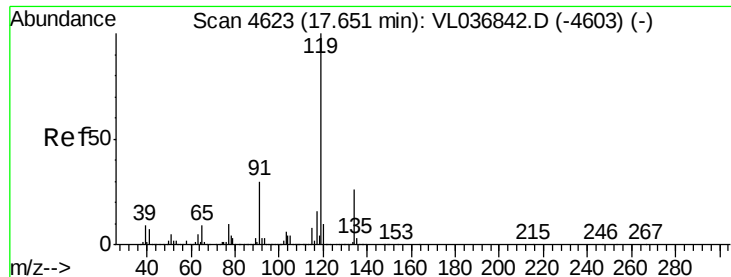


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

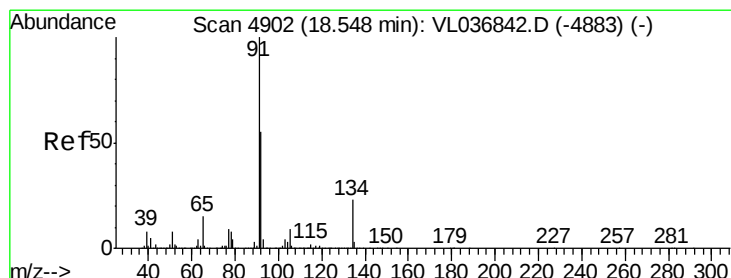
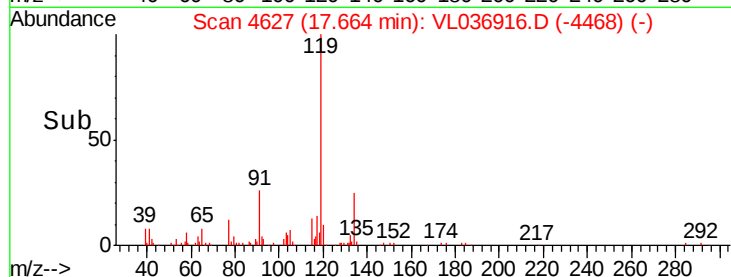
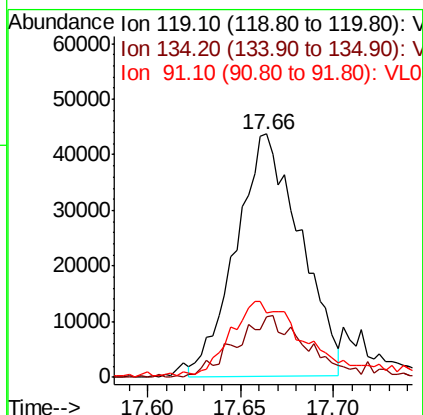
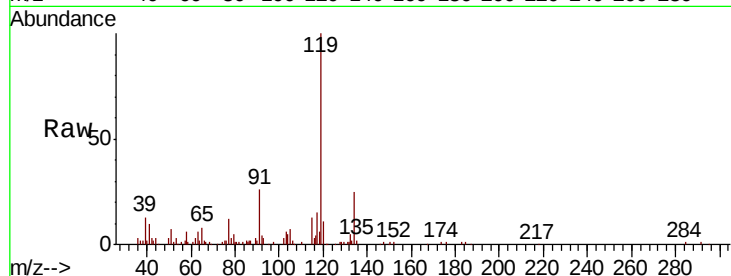




#69
 p-Isopropyltoluene
 Concen: 0.266 ppbv
 RT: 17.66 min Scan# 4627
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

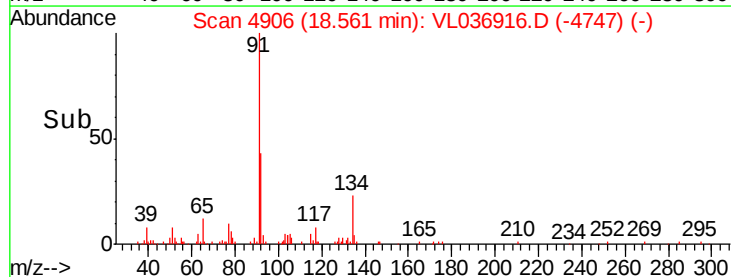
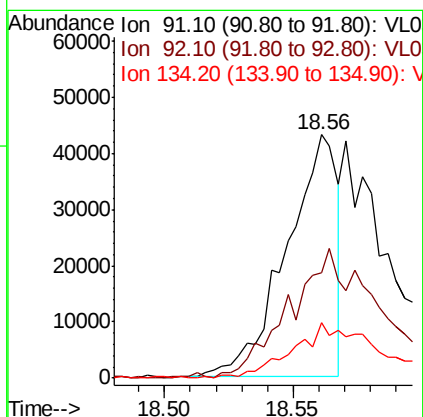
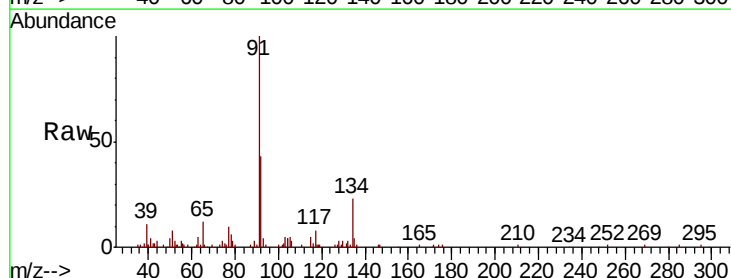
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

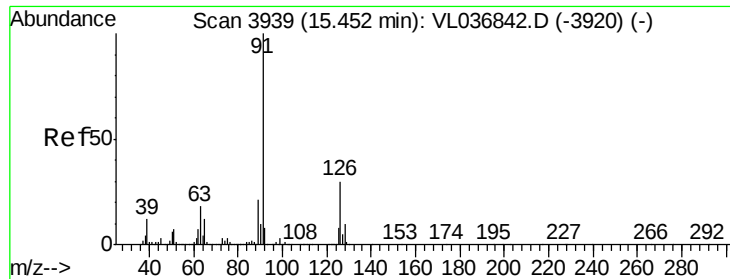
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.1	20.6	31.0
91	37.4	24.2	36.4



#70
 n-Butylbenzene
 Concen: 0.148 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	100.4	43.5	65.3
134	41.6	18.2	27.4

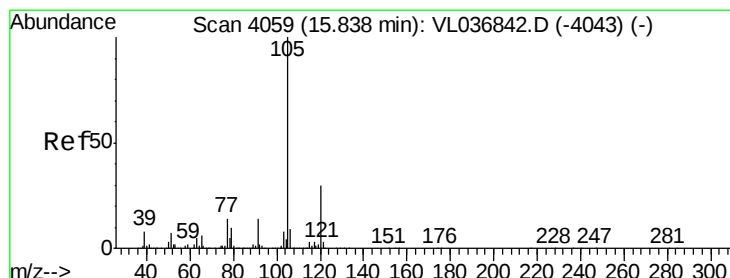
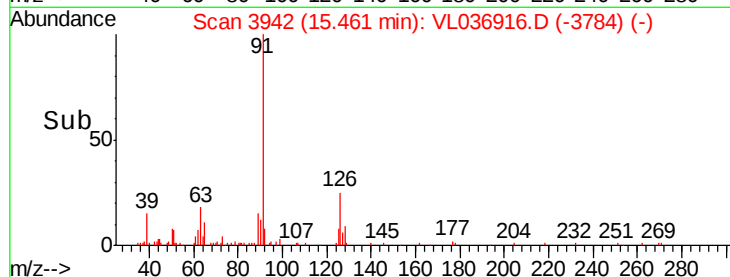
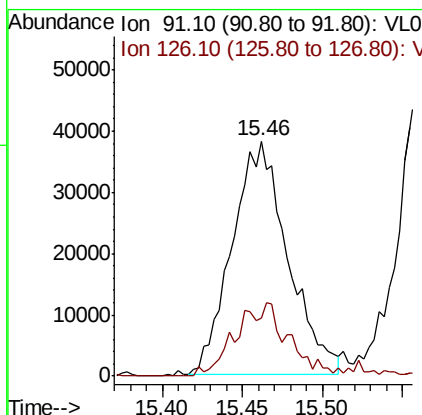
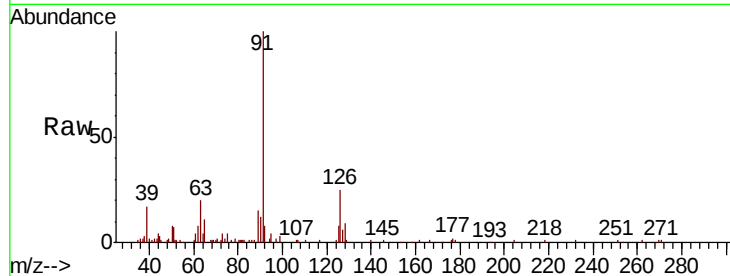




#71
 2-Chlorotoluene
 Concen: 0.305 ppbv
 RT: 15.46 min Scan# 3942
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

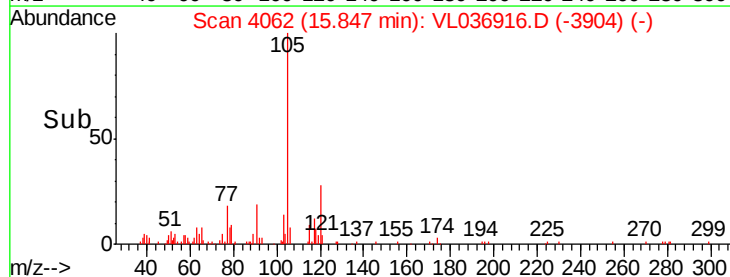
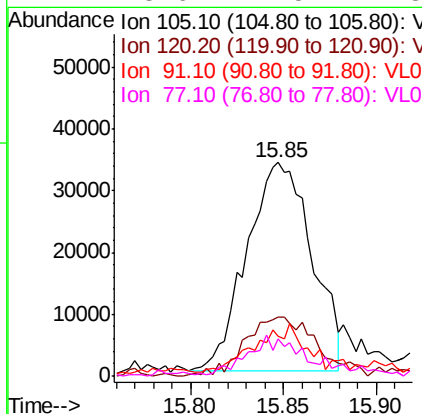
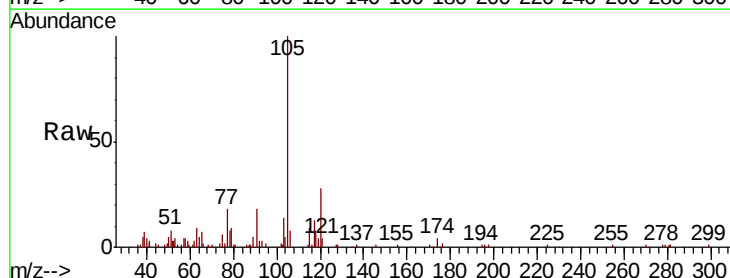
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

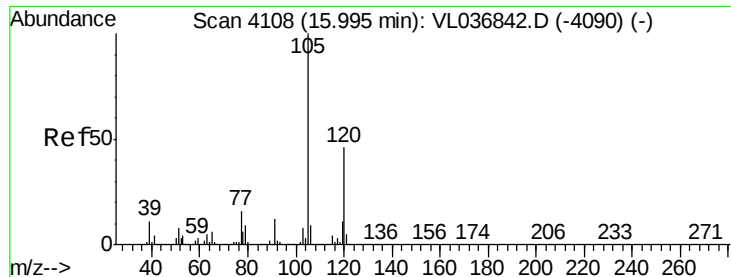
Tot Ion: 91 Resp: 90839
 Ion Ratio Lower Upper
 91 100
 126 30.0 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 0.261 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion:105 Resp: 82964
 Ion Ratio Lower Upper
 105 100
 120 32.9 23.8 35.6
 91 22.5 10.7 16.1#
 77 18.6 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.155 ppbv

RT: 16.01 min Scan# 4112

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

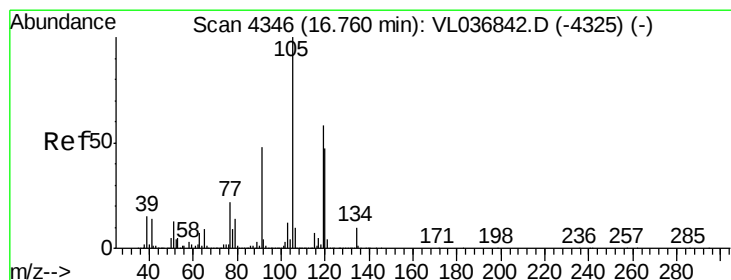
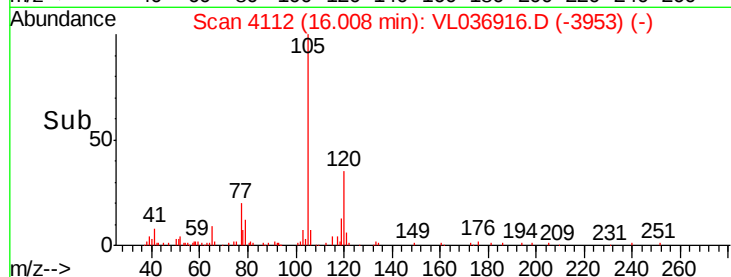
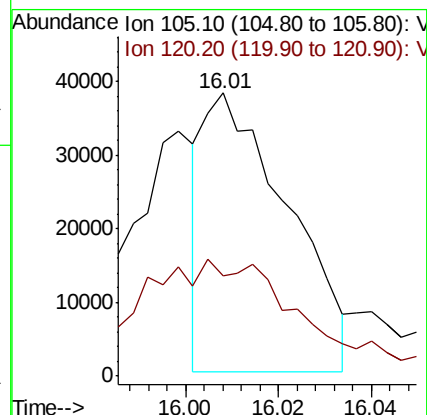
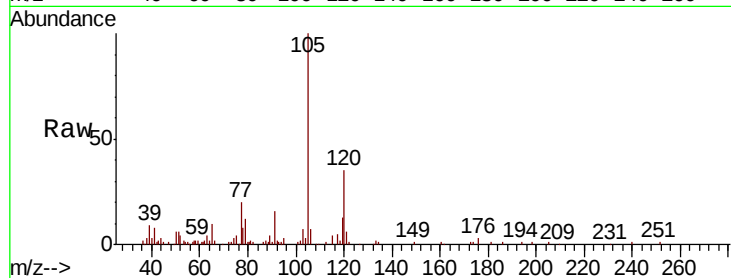
MDL-AIR-03-QT2-2021

Tot Ion:105 Resp: 47647

Ion Ratio Lower Upper

105 100

120 30.9 36.8 55.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.147 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Tgt Ion:105 Resp: 47983

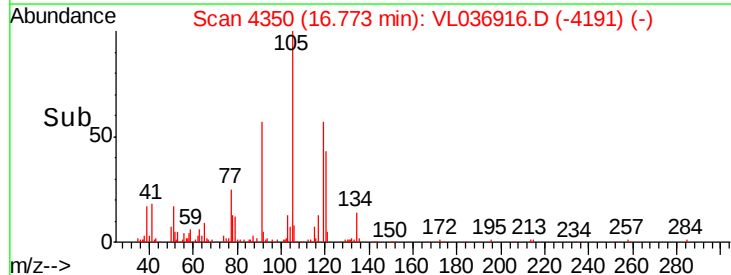
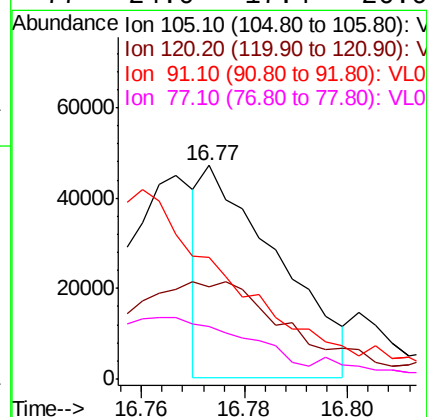
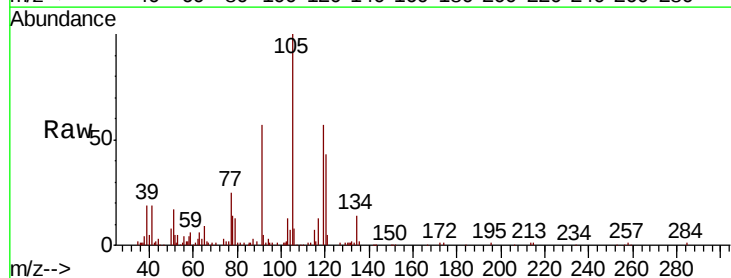
Ion Ratio Lower Upper

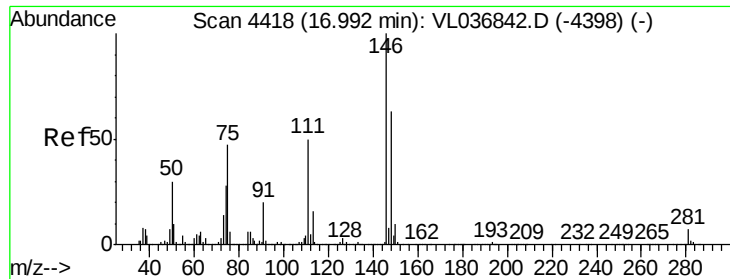
105 100

120 38.6 37.6 56.4

91 55.4 39.0 58.4

77 24.0 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 0.430 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.01 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

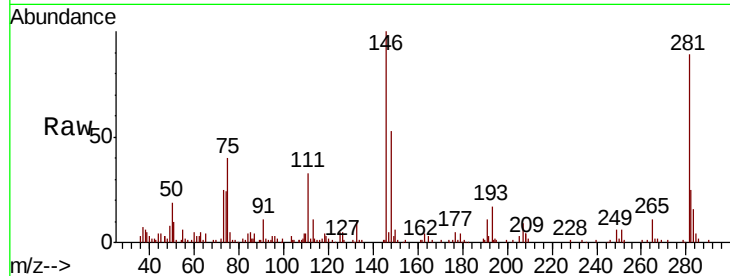
Tot Ion:146 Resp: 83191

Ion Ratio Lower Upper

146 100

111 57.4 24.2 72.6

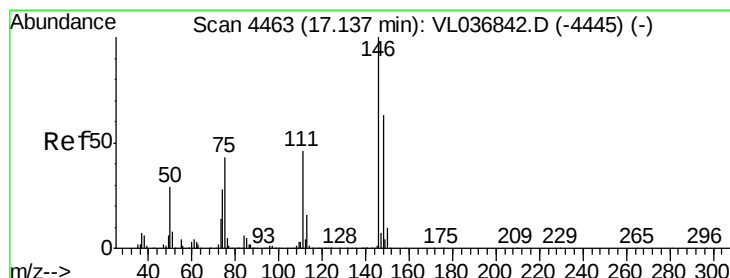
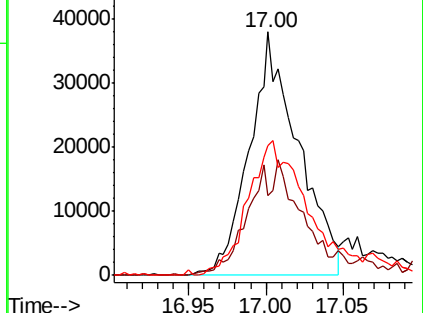
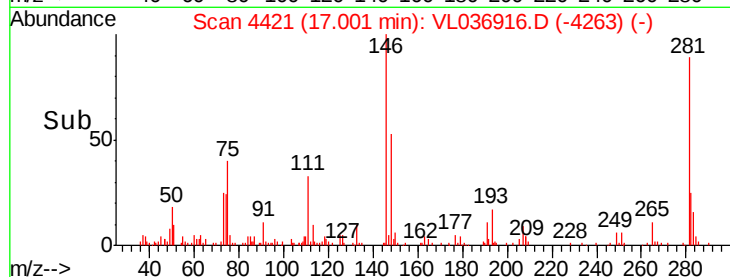
148 72.1 32.1 96.3



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: 0.120 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

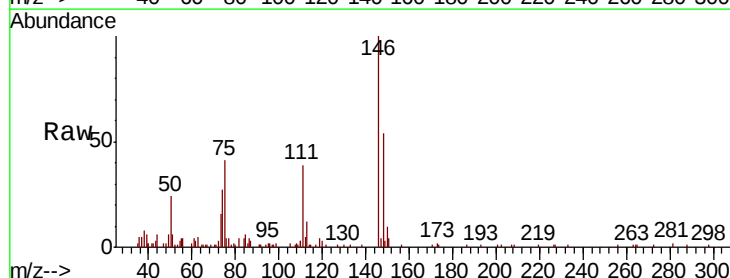
Tgt Ion:146 Resp: 22719

Ion Ratio Lower Upper

146 100

111 172.5 24.3 72.8#

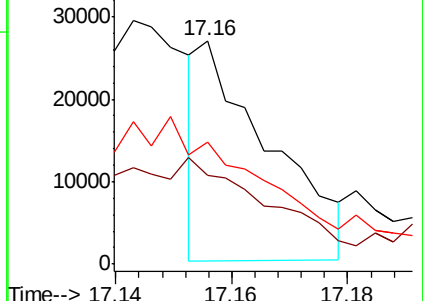
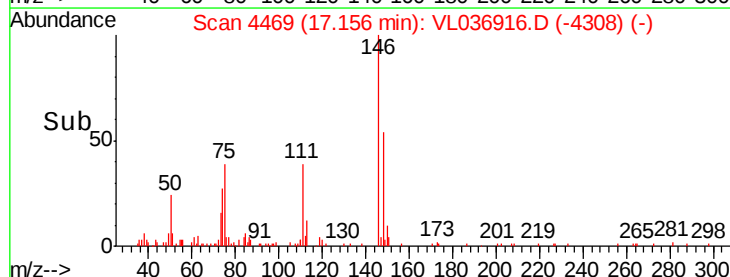
148 230.5 32.4 97.0#

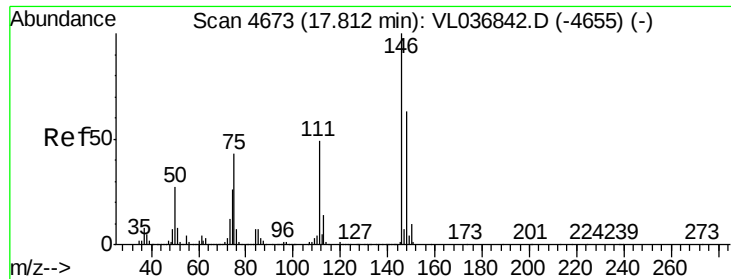


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

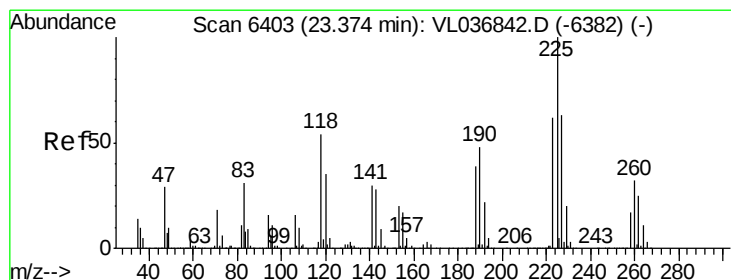
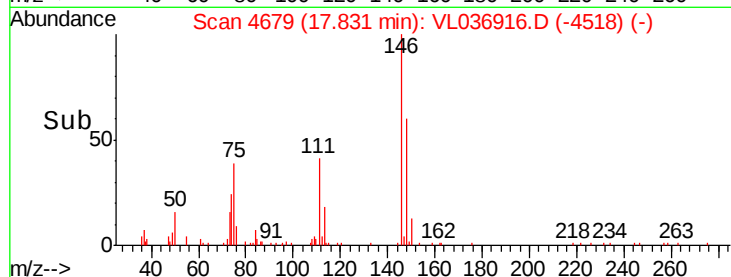
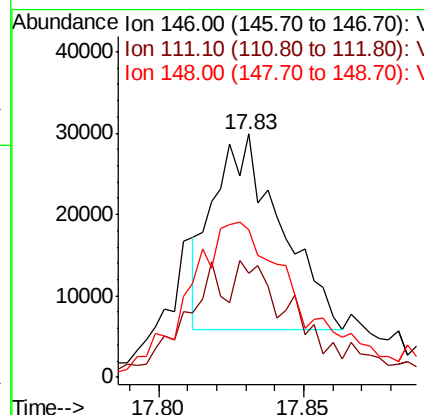
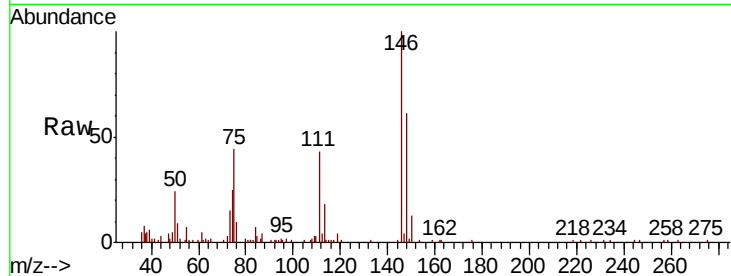




#77
 1,2-Dichlorobenzene
 Concen: 0.204 ppbv
 RT: 17.83 min Scan# 4679
 Delta R.T. 0.02 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

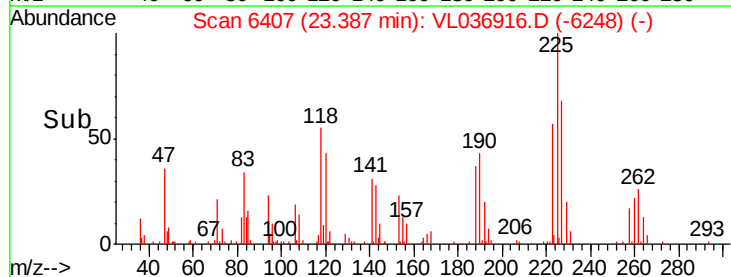
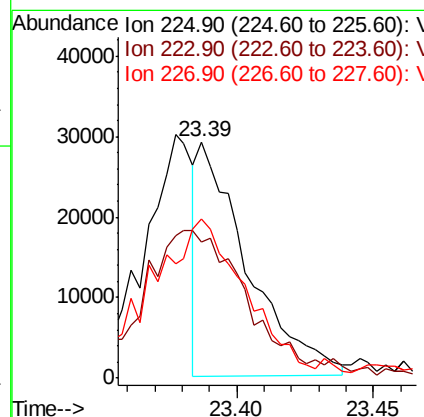
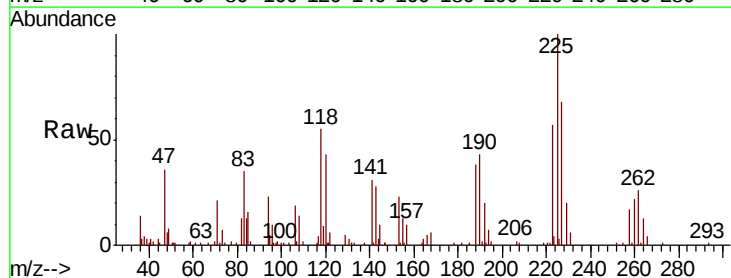
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

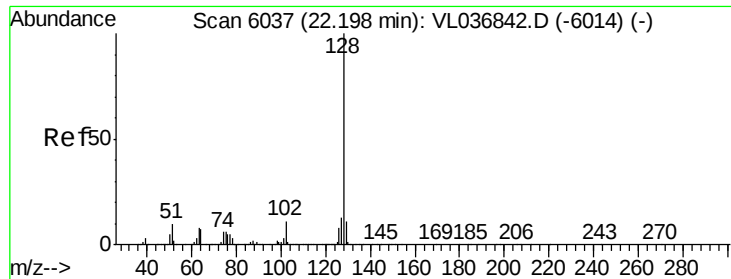
Tot Ion:146 Resp: 38529
 Ion Ratio Lower Upper
 146 100
 111 102.4 25.0 75.0#
 148 147.3 32.4 97.0#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.229 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.01 min
 Lab File: VL036916.D
 Acq: 7 May 2021 13:02

Tgt Ion:225 Resp: 36788
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.2 76.8#
 227 145.1 51.8 77.6#





#79

Naphthalene

Concen: 0.062 ppbv

RT: 22.22 min Scan# 6043

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

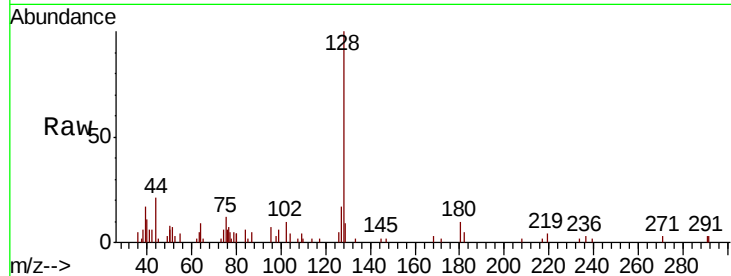
Tot Ion:128 Resp: 11415

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

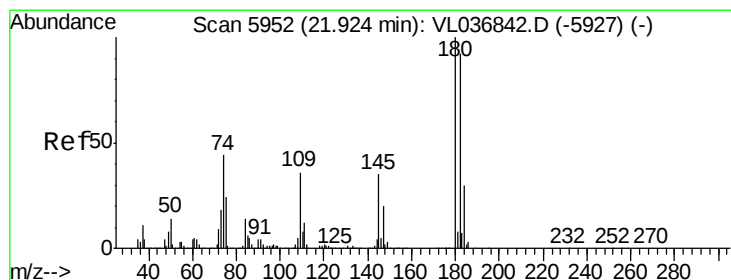
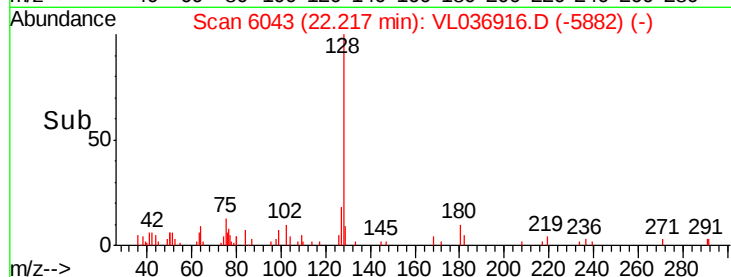
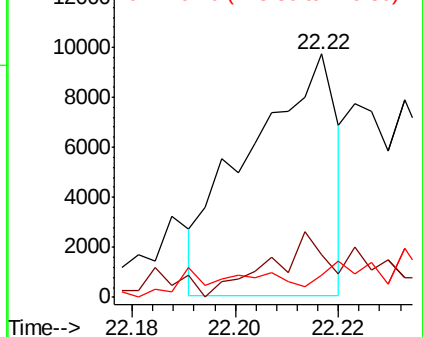
129 0.0 9.0 13.4#



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



#81

1,2,4-Trichlorobenzene

Concen: 0.137 ppbv

RT: 21.95 min Scan# 5959

Delta R.T. 0.02 min

Lab File: VL036916.D

Acq: 7 May 2021 13:02

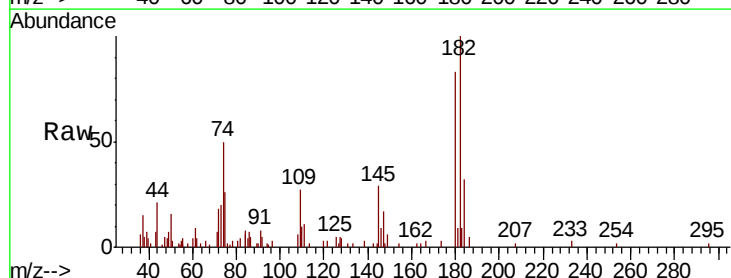
Tgt Ion:180 Resp: 16188

Ion Ratio Lower Upper

180 100

182 202.9 80.9 121.3#

184 66.9 25.3 37.9#



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

