

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036990.D
 Acq On : 19 May 2021 13:37
 Operator : SY/AP
 Sample : M2262-15 0.40
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 20 06:28:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1200963	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3766525	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3487148	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2608425	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	108765	0.534	ppbv	92
3) Chlorodifluoromethane	2.97	51	109277	0.497	ppbv	99
4) Chloromethane	3.12	50	33106	0.442	ppbv	89
5) Vinyl Chloride	3.24	62	33438	0.409	ppbv	92
6) Bromomethane	3.46	94	18927	0.439	ppbv	90
7) Chloroethane	3.54	64	7016	0.264	ppbv	90
8) Dichlorotetrafluoroethane	3.17	85	93858	0.491	ppbv	99
9) Propene	2.99	41	39653	0.503	ppbv	95
10) Heptane	8.10	43	81657	0.416	ppbv	97
11) Trichlorofluoromethane	3.93	101	87600	0.465	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.46	101	63308	0.471	ppbv	96
14) Bromoethene	3.72	108	12056	0.204	ppbv #	1
15) Acetone	3.86	43	66157	0.538	ppbv #	76
16) 1,3-Butadiene	3.31	39	29533	0.386	ppbv	82
18) 1,1-Dichloroethene	4.27	96	23237	0.374	ppbv	95
20) Methylene Chloride	4.32	84	35329	0.536	ppbv	96
21) Allyl Chloride	4.39	41	16394	0.177	ppbv #	10
22) trans-1,2-Dichloroethene	4.87	96	24528	0.412	ppbv #	76
23) Vinyl Acetate	5.07	43	33581	0.172	ppbv #	89
24) 1,1-Dichloroethane	4.99	63	59134	0.421	ppbv	99
25) Ethyl Acetate	5.67	43	109336	0.370	ppbv #	93
26) Hexane	5.66	57	62389	0.413	ppbv	93
27) Carbon Disulfide	4.53	76	45601	0.300	ppbv #	61
28) Methyl tert-Butyl Ether	5.03	73	72959	0.403	ppbv	99
29) Chloroform	5.73	83	92851	0.435	ppbv	96
30) Cyclohexane	7.10	84	56082	0.437	ppbv	86
31) cis-1,2-Dichloroethene	5.53	61	51917	0.383	ppbv	92
32) 1,1,1-Trichloroethane	6.49	97	50548	0.221	ppbv #	31
34) 2-Butanone	5.24	43	50033	0.365	ppbv #	82
35) Carbon Tetrachloride	7.00	117	89562	0.358	ppbv	92
36) Benzene	6.87	78	135176	0.417	ppbv	97
37) 1,2-Dichloroethane	6.28	62	64669	0.402	ppbv	98
38) Trichloroethene	7.81	130	29668	0.214	ppbv	86
39) 1,2-Dichloropropane	7.58	63	20963	0.168	ppbv	95
42) Bromodichloromethane	7.76	83	38337	0.158	ppbv	100
43) Methyl Methacrylate	8.00	69	21333	0.191	ppbv #	8
44) 2,2,4-Trimethylpentane	7.84	57	243108	0.437	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	6466	0.076	ppbv	96
46) cis-1,3-Dichloropropene	8.68	75	17125	0.149	ppbv	87
47) 1,1,2-Trichloroethane	9.45	97	27741	0.212	ppbv	91
48) Dibromochloromethane	10.28	129	55327	0.261	ppbv	79

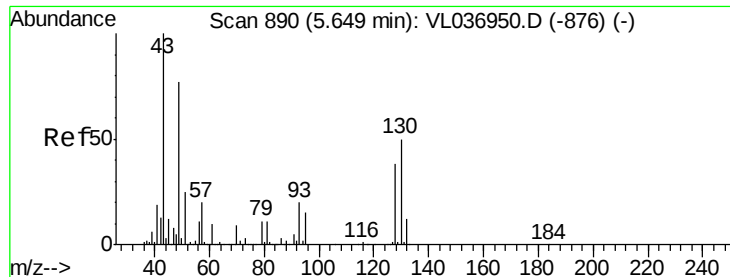
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036990.D
 Acq On : 19 May 2021 13:37
 Operator : SY/AP
 Sample : M2262-15 0.40
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 20 06:28:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Bromoform	13.01	173	41834	0.239	ppbv	91
50) 4-Methyl-2-Pentanone	8.75	43	35090	0.155	ppbv #	38
52) Tetrachloroethene	11.20	164	55362	0.429	ppbv	93
53) Toluene	9.78	91	154667	0.401	ppbv	97
54) 1,2-Dibromoethane	10.59	107	40406	0.217	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	28101	0.192	ppbv #	1
57) Chlorobenzene	12.12	112	65730	0.243	ppbv	90
58) Ethyl Benzene	12.68	91	205464	0.417	ppbv	91
59) m/p-Xylene	12.97	91	121204	0.298	ppbv #	1
60) o-Xylene	13.66	91	166699	0.430	ppbv	99
61) Styrene	13.50	104	75687	0.346	ppbv	90
62) Isopropylbenzene	14.64	105	237069	0.425	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	104984	0.362	ppbv	87
64) n-propylbenzene	15.54	120	55229	0.384	ppbv #	56
65) tert-Butylbenzene	16.72	119	109848	0.218	ppbv #	19
66) Benzyl Chloride	16.80	91	3976	0.142	ppbv #	65
67) sec-Butylbenzene	17.27	105	283555	0.413	ppbv	99
69) p-Isopropyltoluene	17.63	119	230620	0.391	ppbv	95
70) n-Butylbenzene	18.53	91	210660	0.376	ppbv	99
71) 2-Chlorotoluene	15.43	91	92820	0.230	ppbv #	44
72) 4-Ethyltoluene	15.82	105	181627	0.394	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.98	105	160337	0.371	ppbv	92
74) 1,2,4-Trimethylbenzene	16.74	105	104432	0.234	ppbv	92
75) 1,3-Dichlorobenzene	16.97	146	50874	0.186	ppbv #	24
76) 1,4-Dichlorobenzene	17.12	146	95841	0.347	ppbv	85
77) 1,2-Dichlorobenzene	17.80	146	107644	0.393	ppbv	92
78) Hexachloro-1,3-Butadiene	23.36	225	96957	0.441	ppbv	95
79) Naphthalene	22.17	128	40743	0.116	ppbv	98
80) Naphthalene, 2-methyl-	25.22	142	2434	0.032	ppbv	91
81) 1,2,4-Trichlorobenzene	21.91	180	45044	0.211	ppbv #	52

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

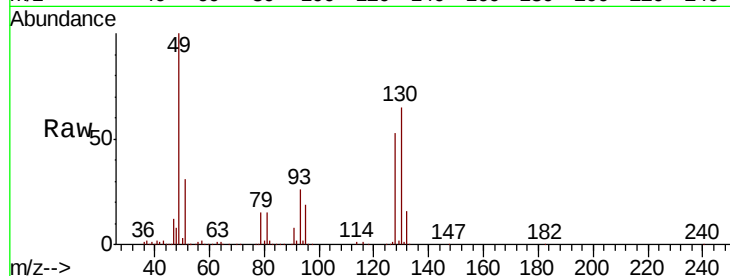
Tot Ion: 49 Resp: 1200963

Ion Ratio Lower Upper

49 100

128 55.4 26.9 80.7

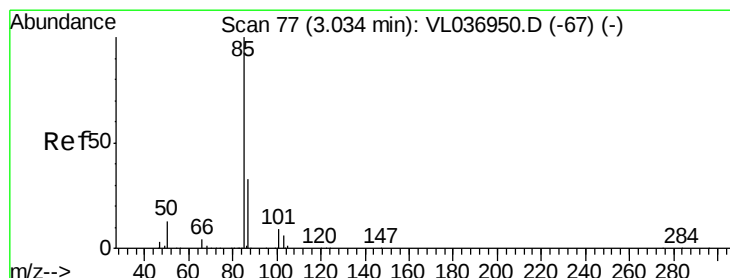
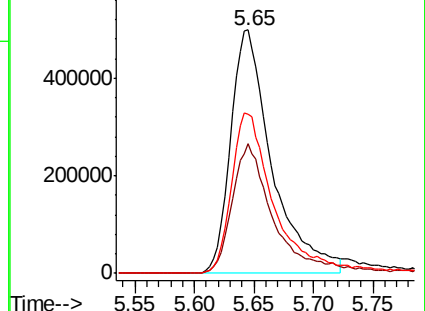
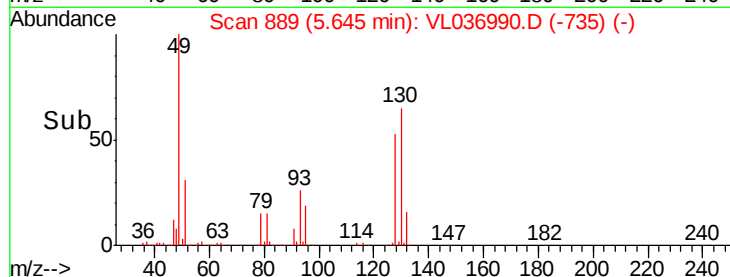
130 69.4 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.534 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL036990.D

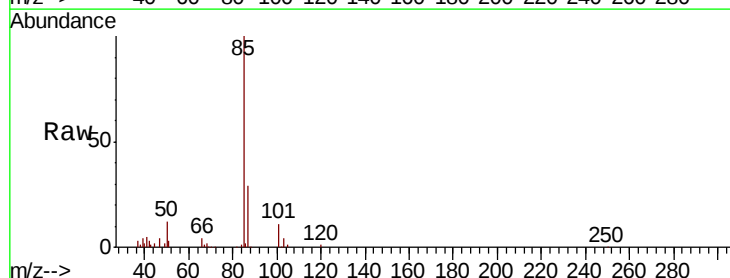
Acq: 19 May 2021 13:37

Tgt Ion: 85 Resp: 108765

Ion Ratio Lower Upper

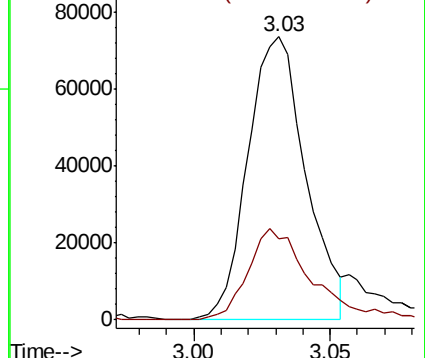
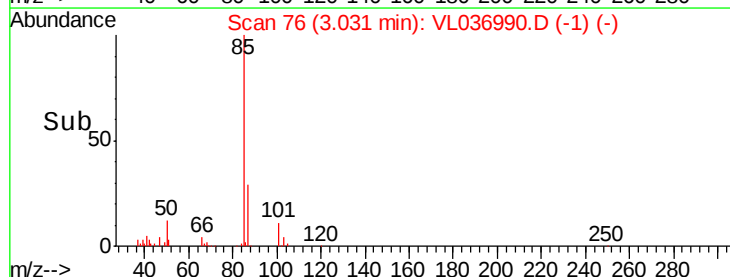
85 100

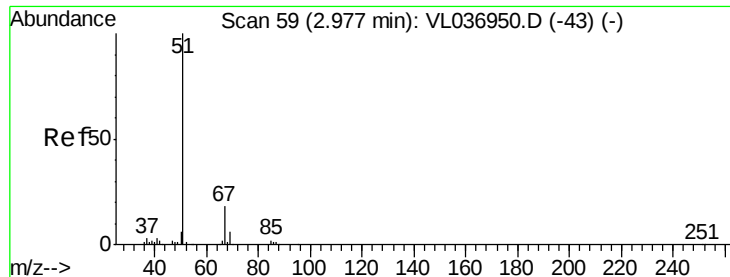
87 28.7 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.497 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

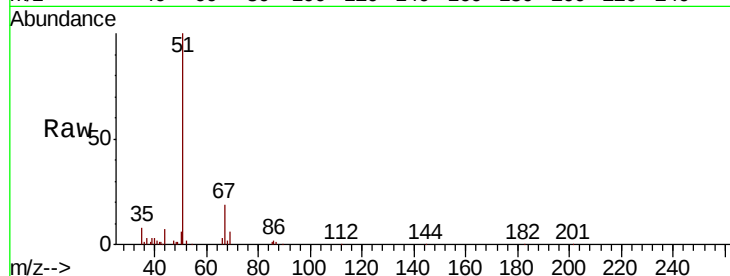
MDL-AIR-03-QT2-2021

Tot Ion: 51 Resp: 109277

Ion Ratio Lower Upper

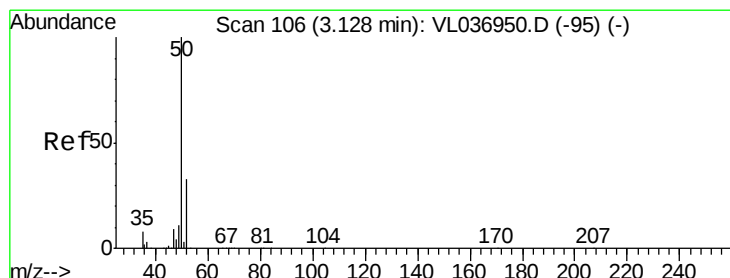
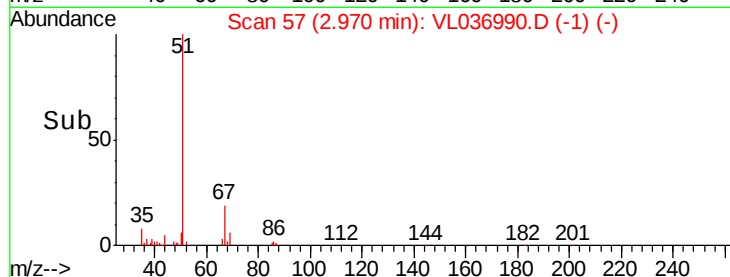
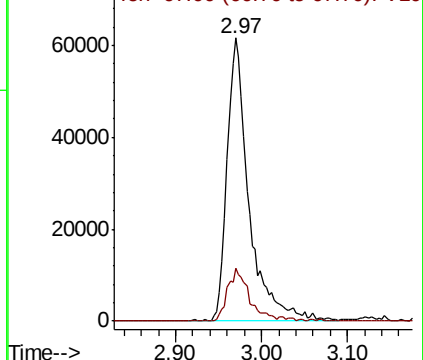
51 100

67 18.8 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.442 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.01 min

Lab File: VL036990.D

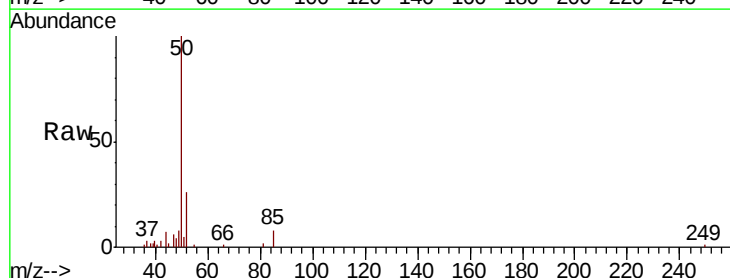
Acq: 19 May 2021 13:37

Tgt Ion: 50 Resp: 33106

Ion Ratio Lower Upper

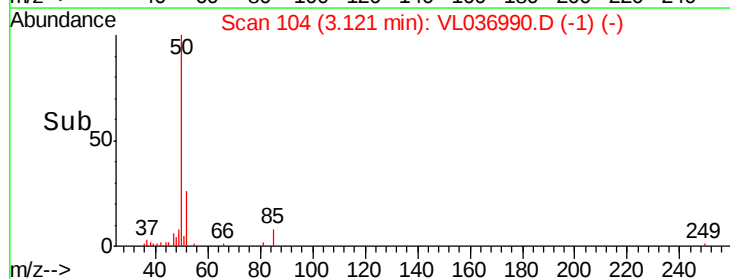
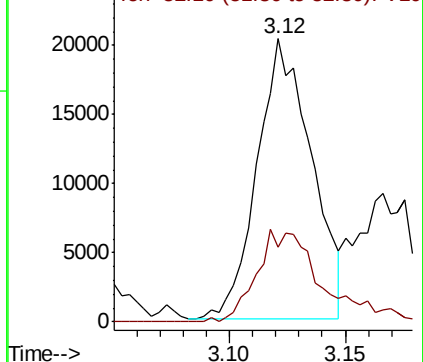
50 100

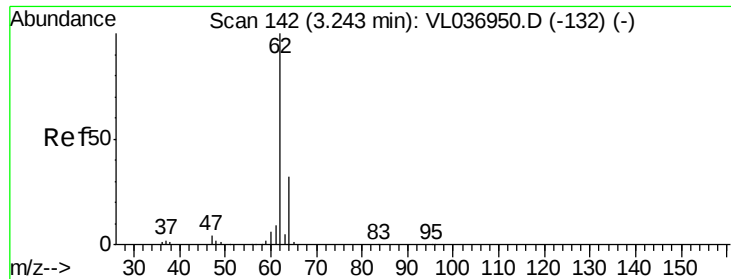
52 26.5 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.409 ppbv

RT: 3.24 min Scan# 140

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

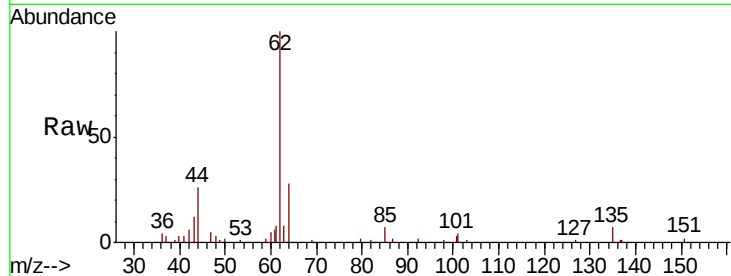
MDL-AIR-03-QT2-2021

Tot Ion: 62 Resp: 33438

Ion Ratio Lower Upper

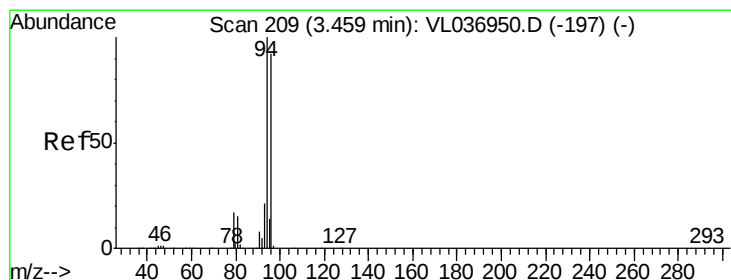
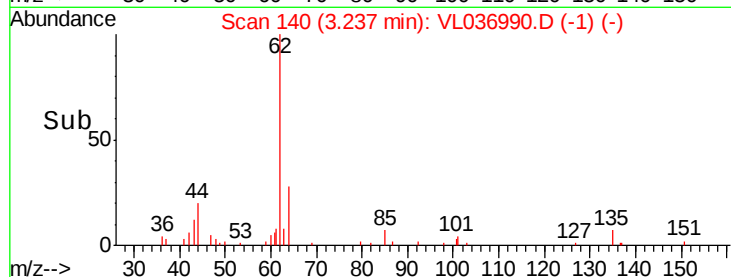
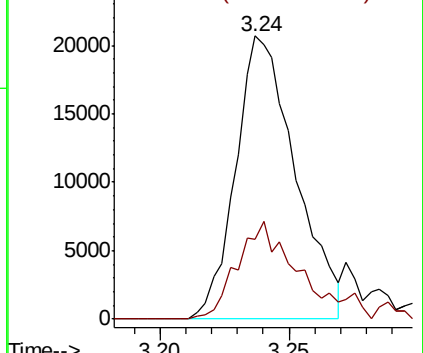
62 100

64 28.0 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.439 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL036990.D

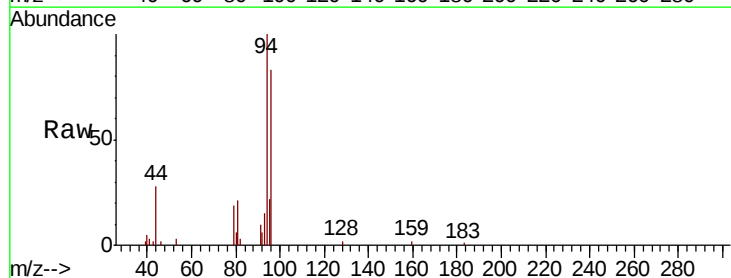
Acq: 19 May 2021 13:37

Tgt Ion: 94 Resp: 18927

Ion Ratio Lower Upper

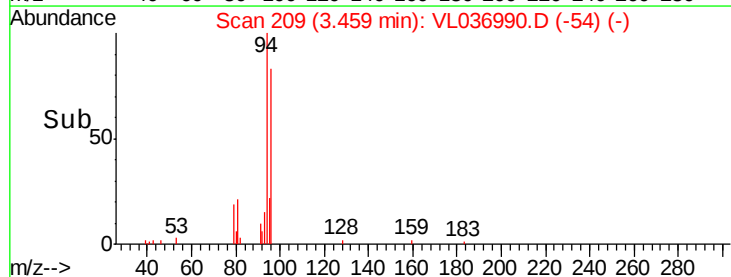
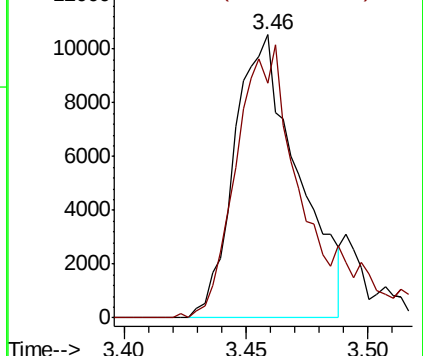
94 100

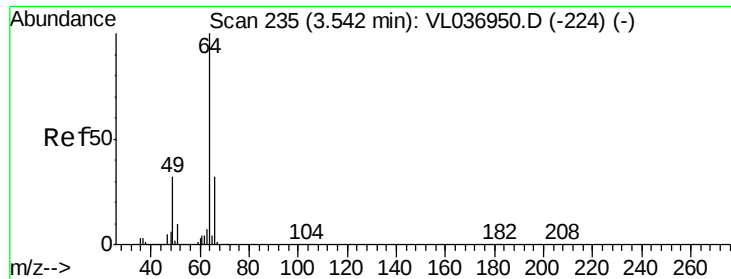
96 82.8 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.264 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

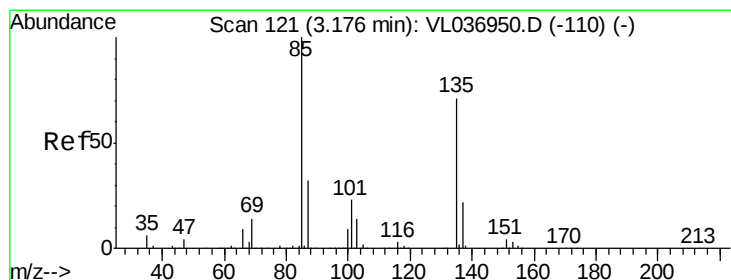
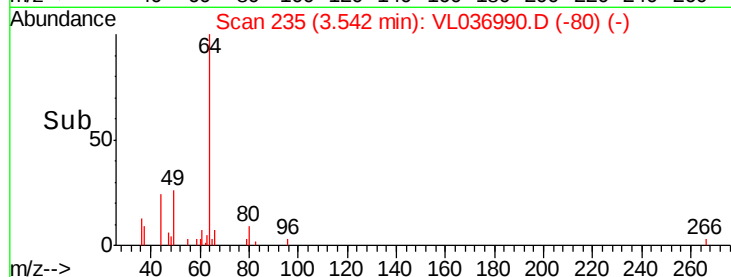
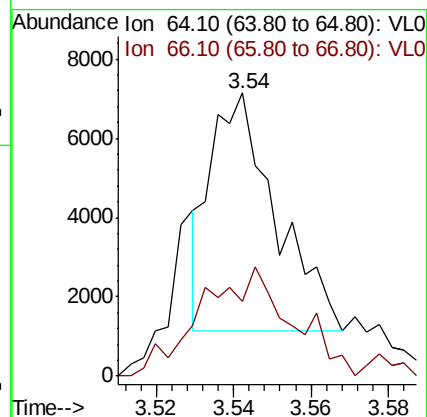
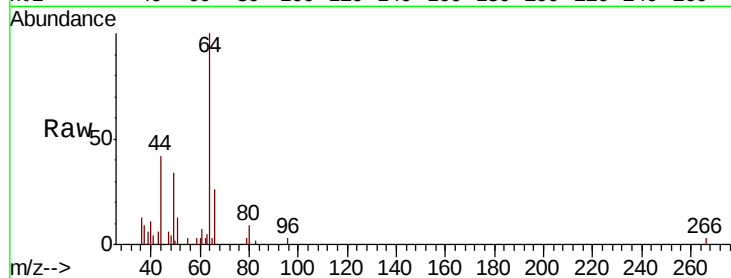
MDL-AIR-03-QT2-2021

Tot Ion: 64 Resp: 7016

Ion Ratio Lower Upper

64 100

66 26.5 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 0.491 ppbv

RT: 3.17 min Scan# 118

Delta R.T. -0.01 min

Lab File: VL036990.D

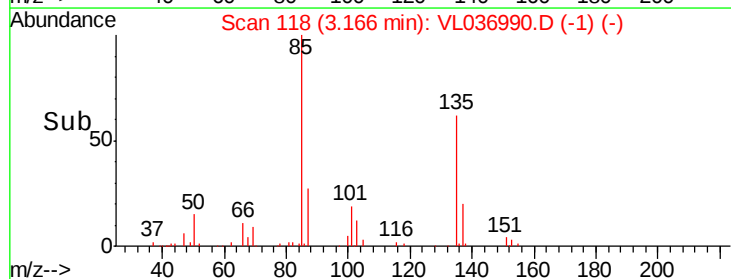
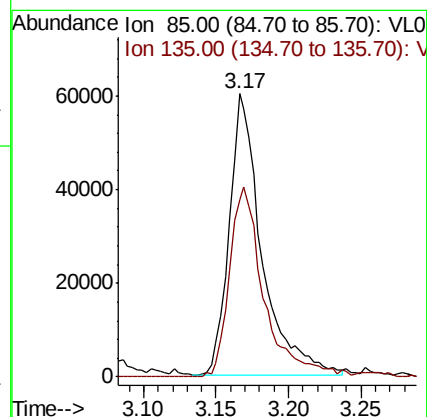
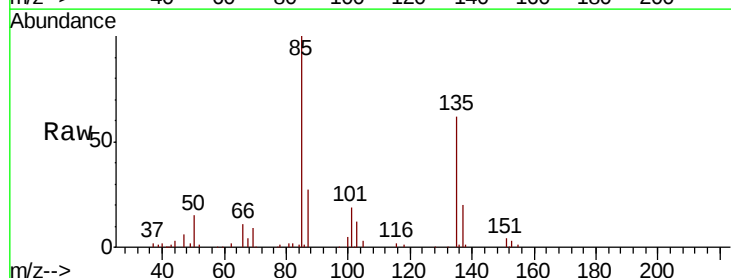
Acq: 19 May 2021 13:37

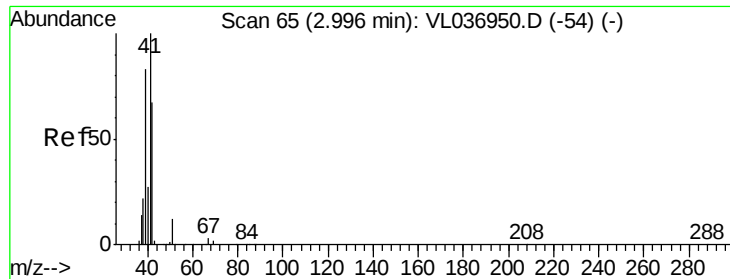
Tgt Ion: 85 Resp: 93858

Ion Ratio Lower Upper

85 100

135 71.1 57.7 86.5





#9

Propene

Concen: 0.503 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

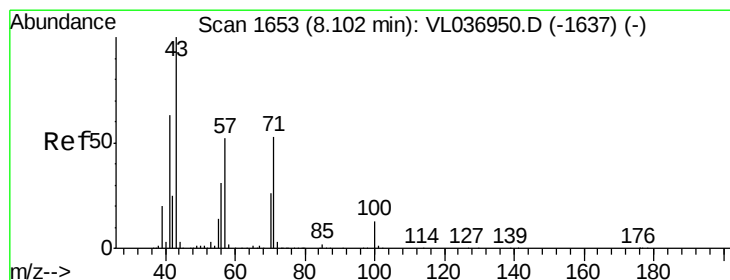
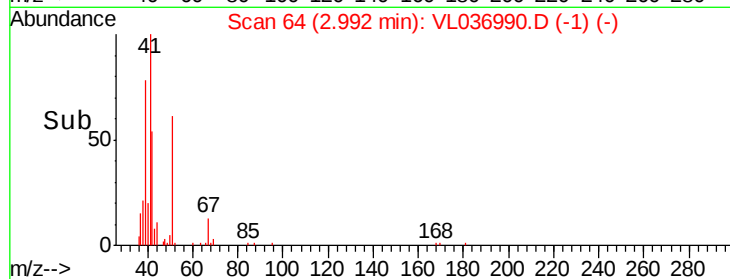
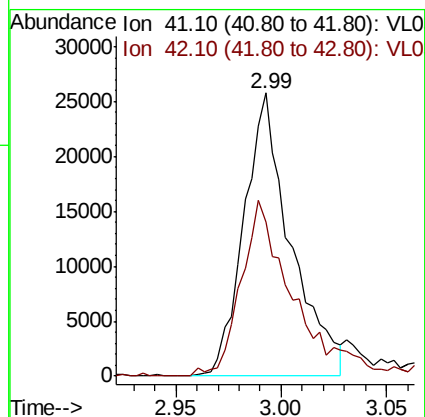
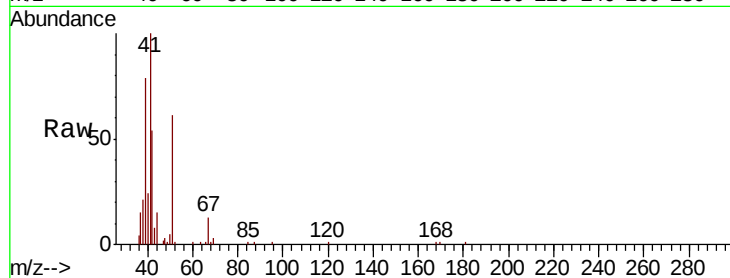
MDL-AIR-03-QT2-2021

Tot Ion: 41 Resp: 39653

Ion Ratio Lower Upper

41 100

42 71.7 53.9 80.9



#10

Heptane

Concen: 0.416 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL036990.D

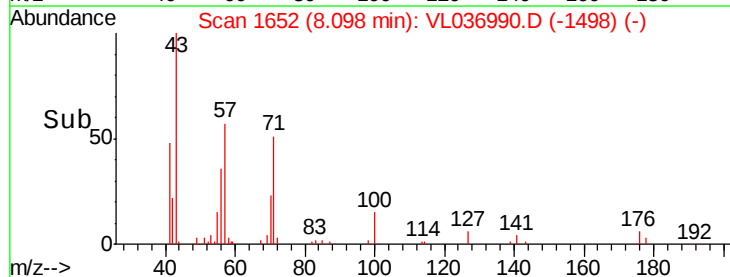
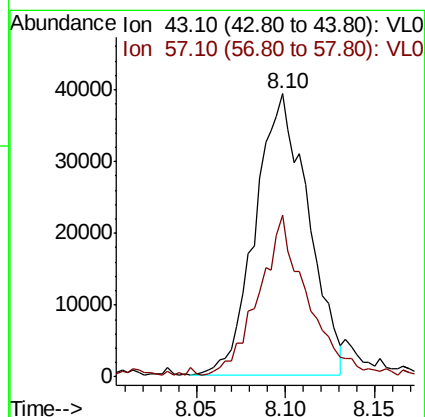
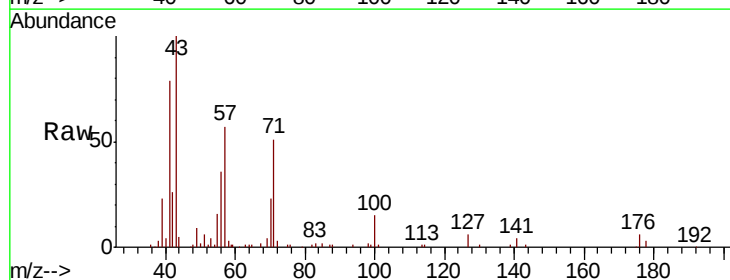
Acq: 19 May 2021 13:37

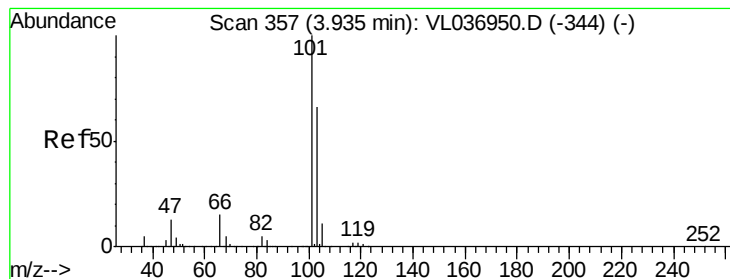
Tgt Ion: 43 Resp: 81657

Ion Ratio Lower Upper

43 100

57 53.2 41.0 61.6





#11

Trichlorofluoromethane

Concen: 0.465 ppbv

RT: 3.93 min Scan# 355

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

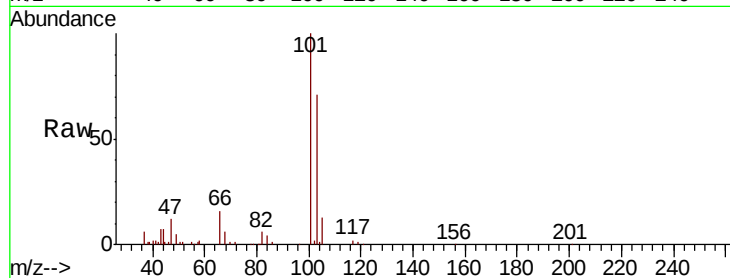
MDL-AIR-03-QT2-2021

Tot Ion:101 Resp: 87600

Ion Ratio Lower Upper

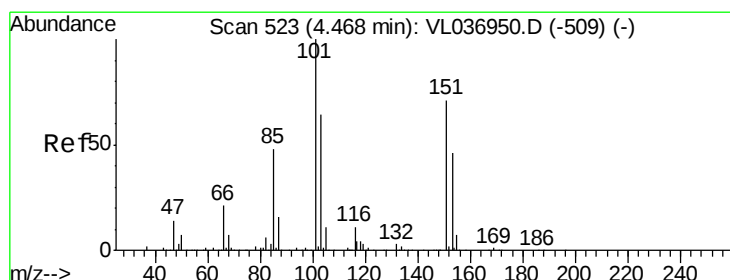
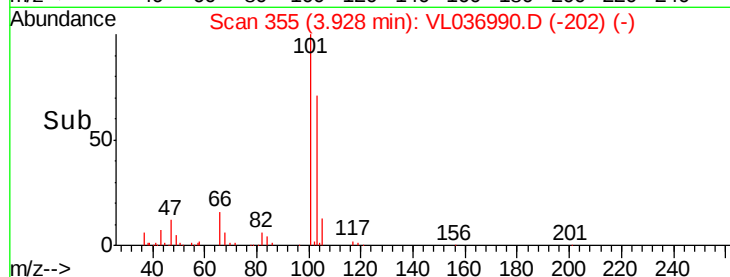
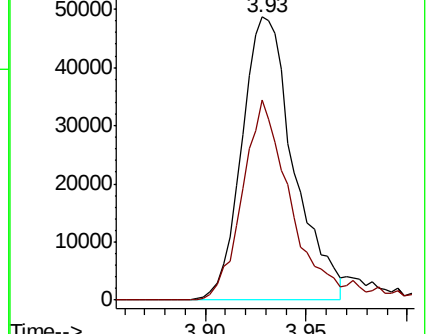
101 100

103 70.5 52.6 79.0



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: 0.471 ppbv

RT: 4.46 min Scan# 521

Delta R.T. -0.01 min

Lab File: VL036990.D

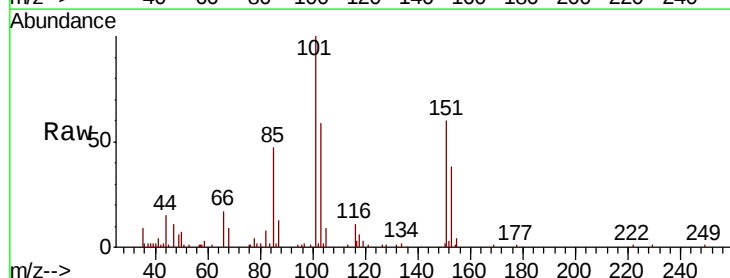
Acq: 19 May 2021 13:37

Tgt Ion:101 Resp: 63308

Ion Ratio Lower Upper

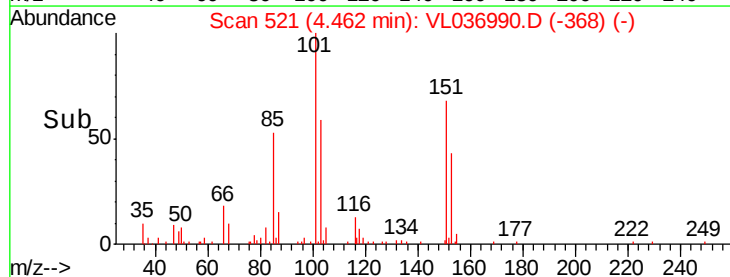
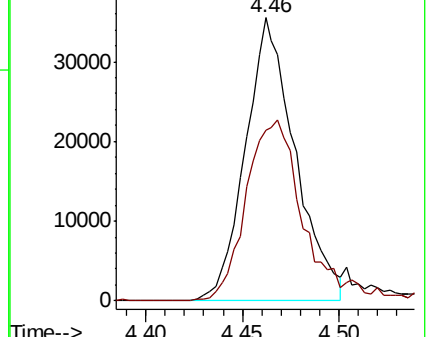
101 100

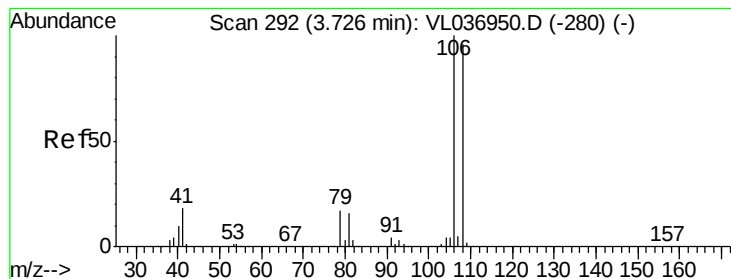
151 75.4 57.7 86.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#14

Bromoethene

Concen: 0.204 ppbv

RT: 3.72 min Scan# 291

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

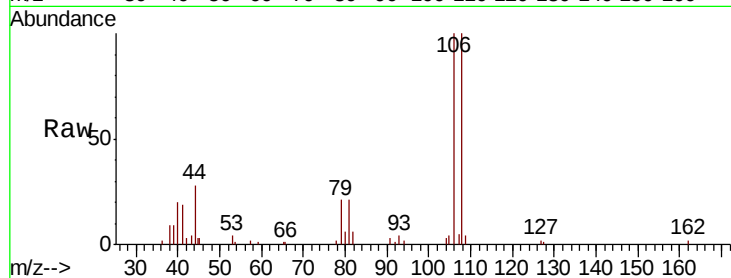
Tot Ion:108 Resp: 12056

Ion Ratio Lower Upper

108 100

106 247.4 86.5 129.7#

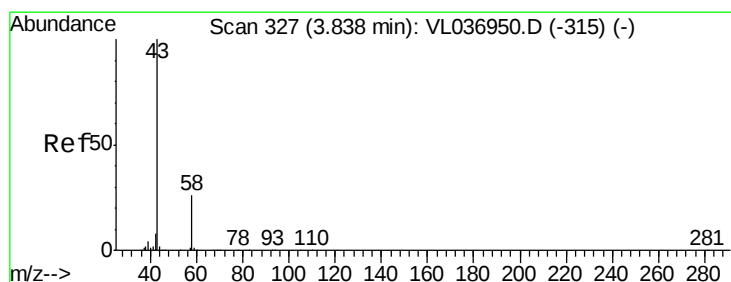
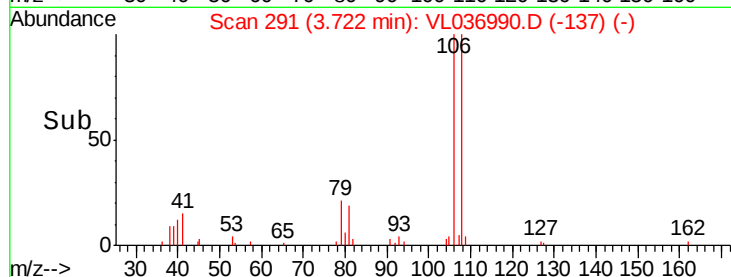
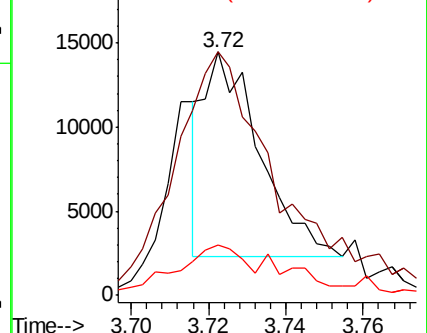
79 52.0 15.0 22.4#



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: 0.538 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL036990.D

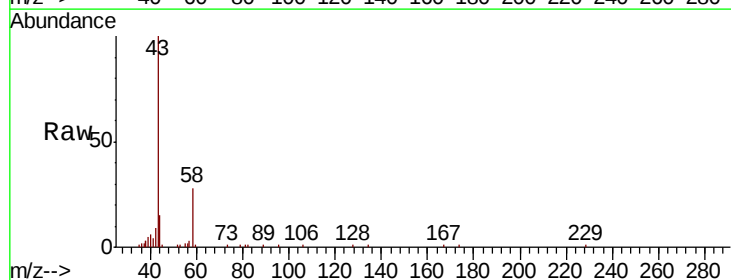
Acq: 19 May 2021 13:37

Tgt Ion: 43 Resp: 66157

Ion Ratio Lower Upper

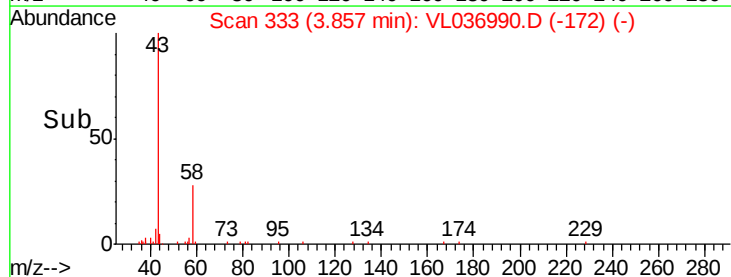
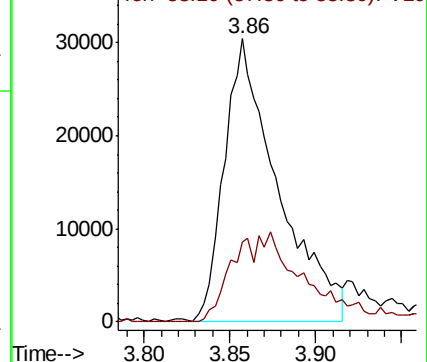
43 100

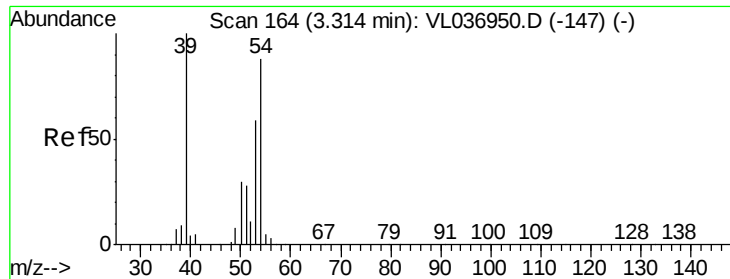
58 42.9 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VLO

Ion 58.10 (57.80 to 58.80): VLO

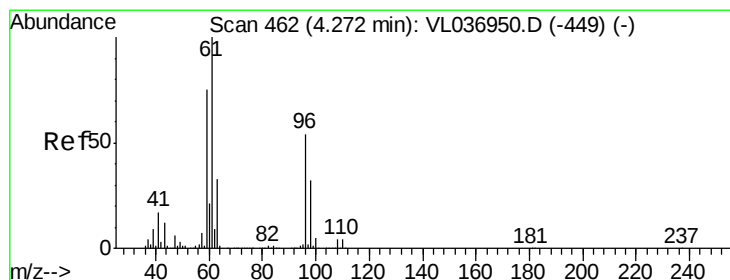
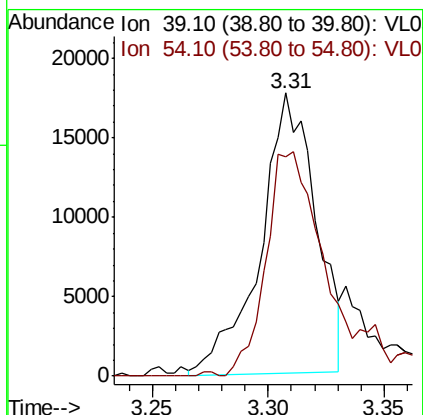
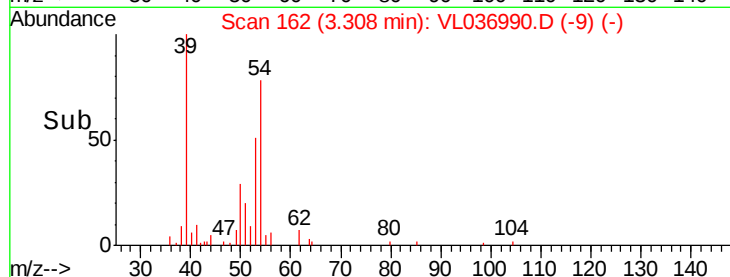
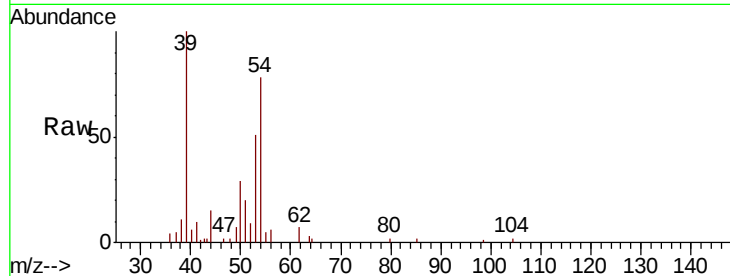




#16
 1,3-Butadiene
 Concen: 0.386 ppbv
 RT: 3.31 min Scan# 162
 Delta R.T. -0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

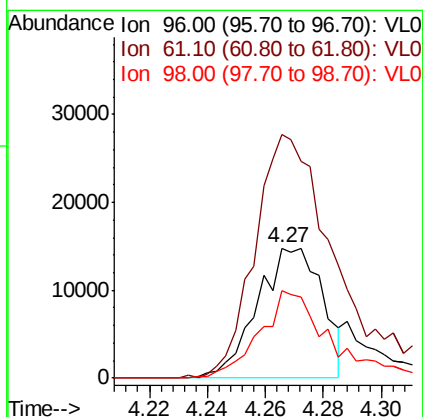
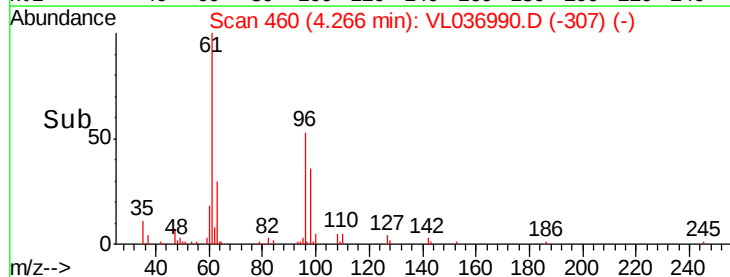
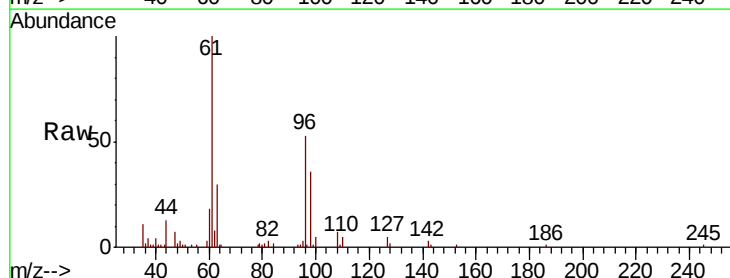
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

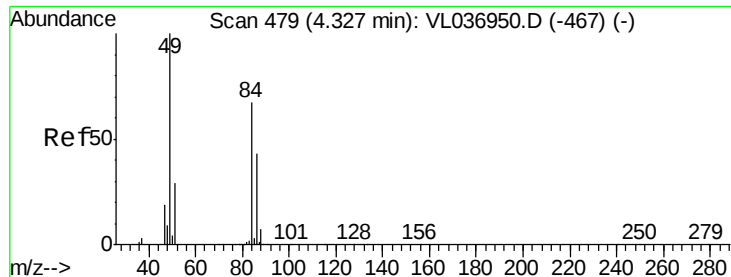
Tot Ion: 39 Resp: 29533
 Ion Ratio Lower Upper
 39 100
 54 94.7 63.2 94.8



#18
 1,1-Dichloroethene
 Concen: 0.374 ppbv
 RT: 4.27 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion: 96 Resp: 23237
 Ion Ratio Lower Upper
 96 100
 61 180.2 148.2 222.4
 98 66.1 47.8 71.6

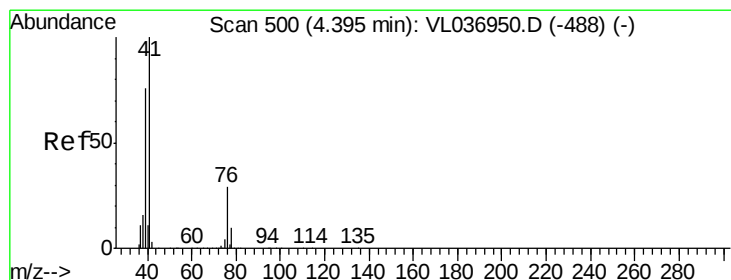
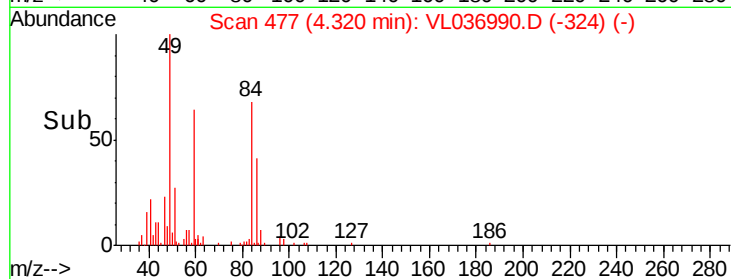
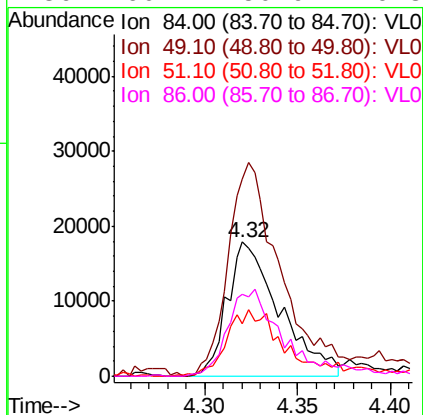
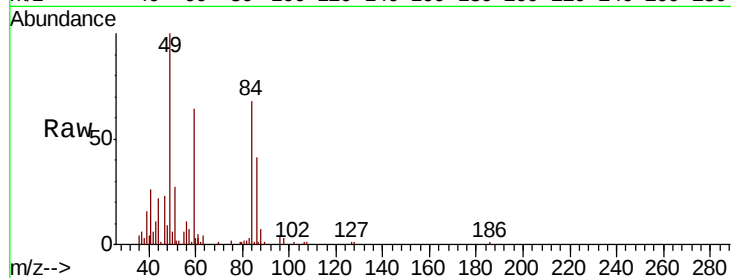




#20
Methvlene Chloride
Concen: 0.536 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.01 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

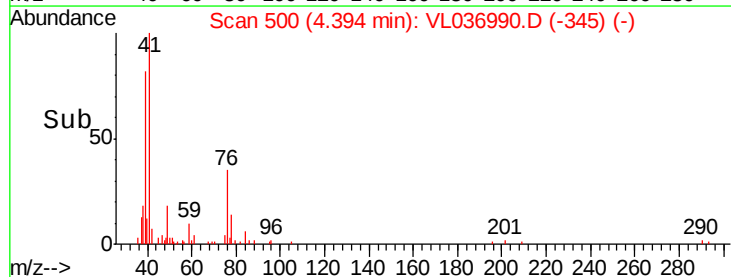
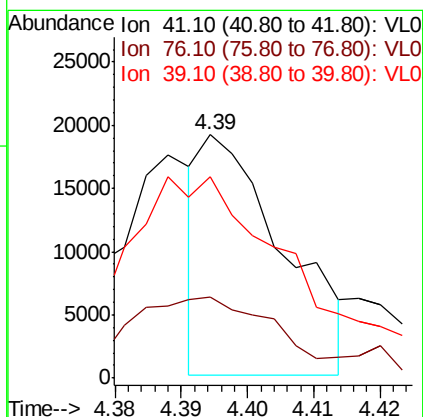
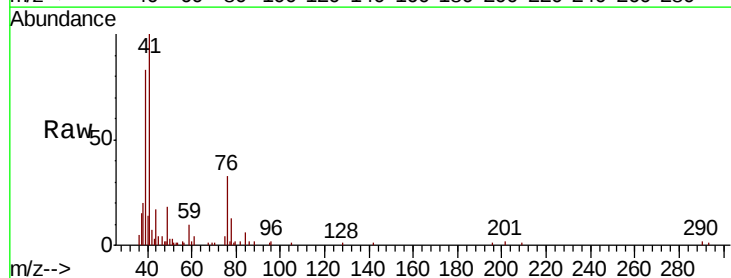
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

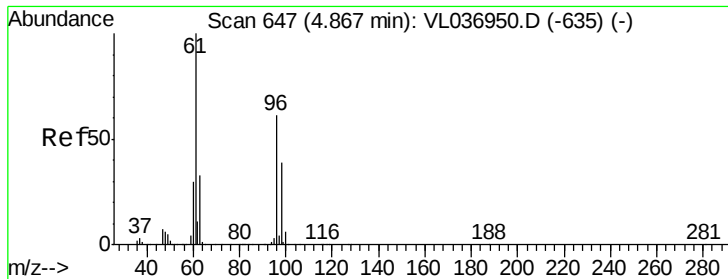
Tot Ion:	84	Resp:	35329
Ion	Ratio	Lower	Upper
84	100		
49	147.8	119.8	179.6
51	37.8	35.1	52.7
86	60.1	50.9	76.3



#21
Allyl Chloride
Concen: 0.177 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion:	41	Resp:	16394
Ion	Ratio	Lower	Upper
41	100		
76	79.2	24.9	37.3#
39	0.0	63.7	95.5#





#22

trans-1,2-Dichloroethene

Concen: 0.412 ppbv

RT: 4.87 min Scan# 648

Delta R.T. 0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

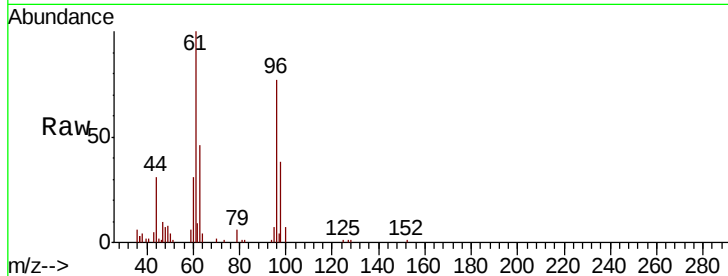
Tot Ion: 96 Resp: 24528

Ion Ratio Lower Upper

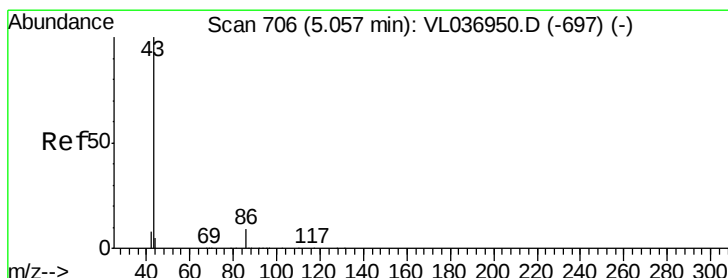
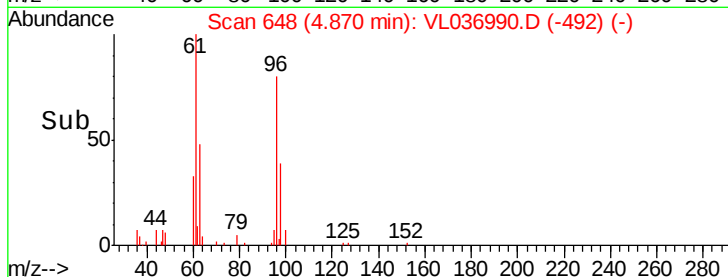
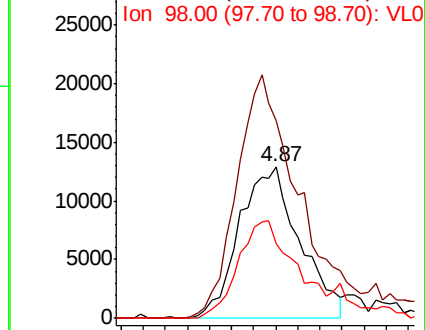
96 100

61 129.1 130.6 196.0#

98 49.0 50.8 76.2#



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: 0.172 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Tgt Ion: 43 Resp: 33581

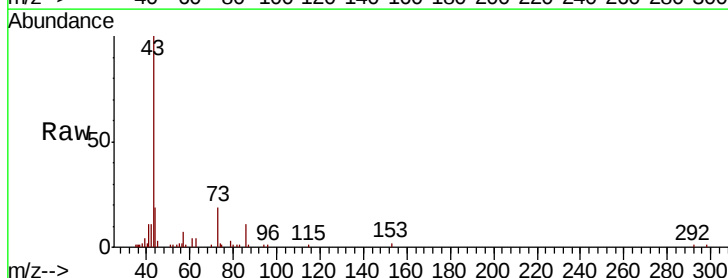
Ion Ratio Lower Upper

43 100

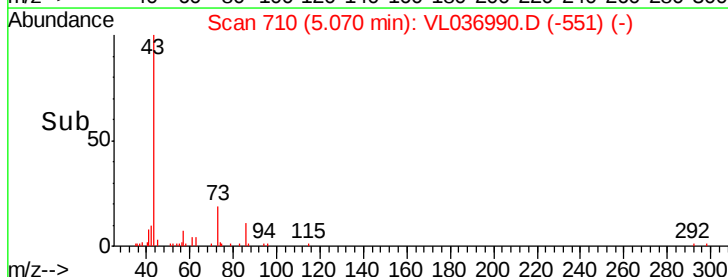
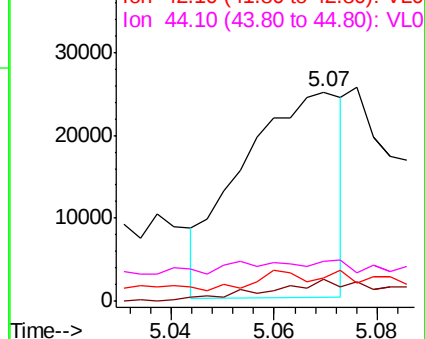
86 14.1 5.8 8.8#

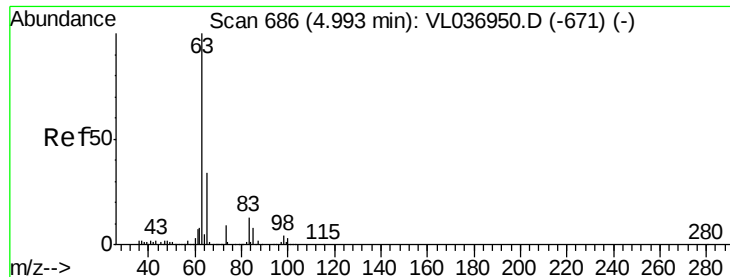
42 6.5 7.4 11.2#

44 5.1 3.3 4.9#



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: 0.421 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

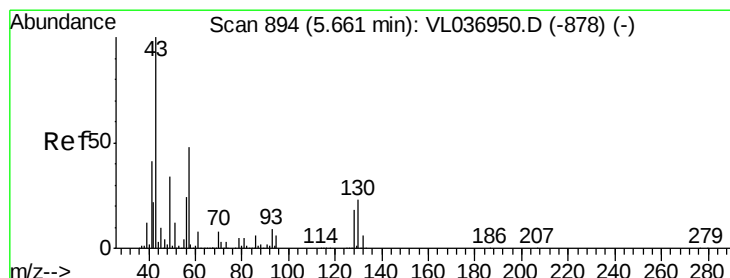
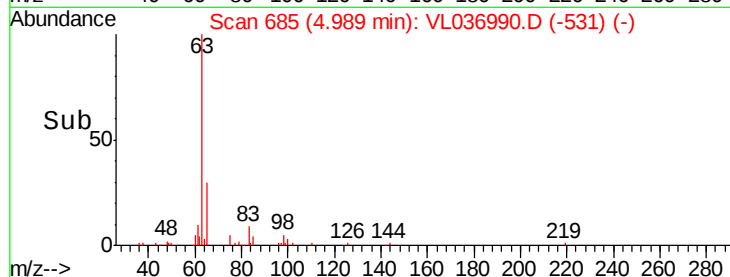
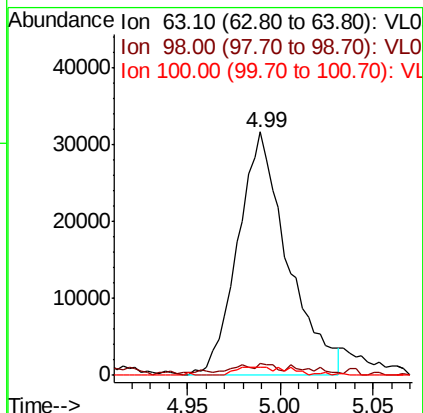
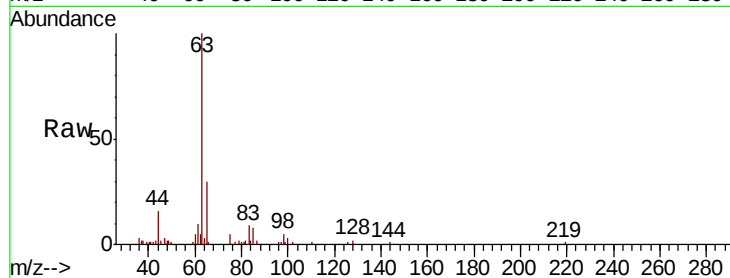
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	63	Resp:	59134
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.3	6.9
100	2.7	1.4	4.0



#25

Ethyl Acetate

Concen: 0.370 ppbv

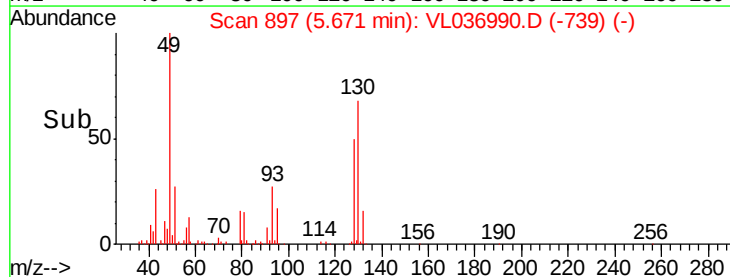
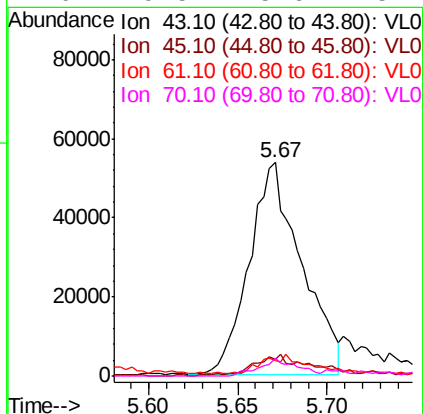
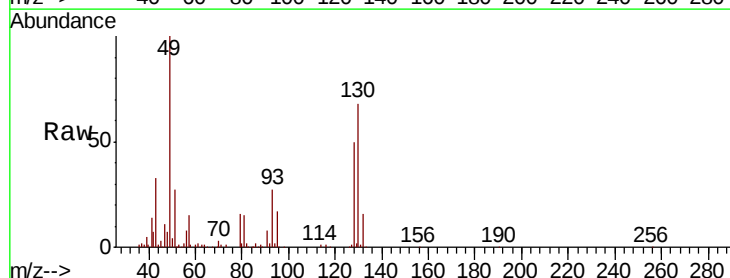
RT: 5.67 min Scan# 897

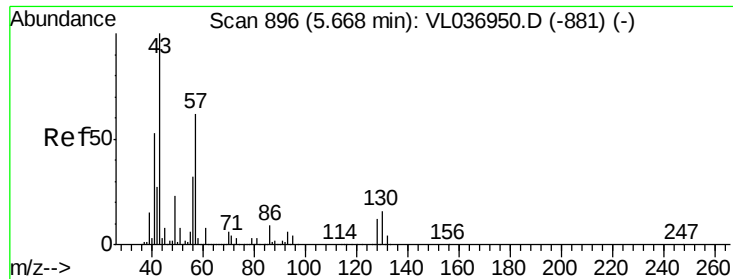
Delta R.T. 0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Tgt Ion:	43	Resp:	109336
Ion	Ratio	Lower	Upper
43	100		
45	12.4	7.8	11.8#
61	12.1	7.8	11.8#
70	9.5	5.6	8.4#

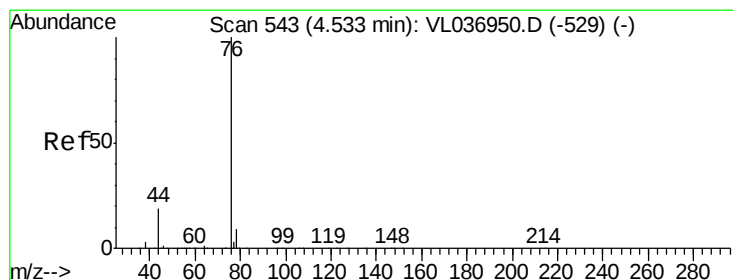
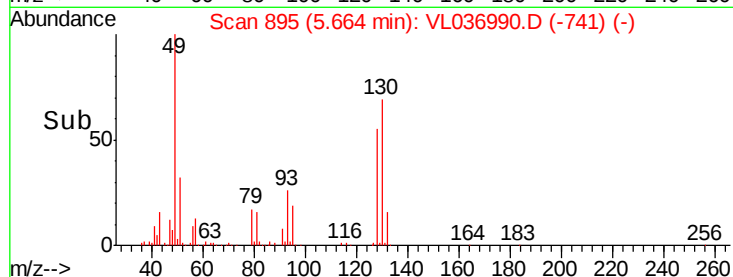
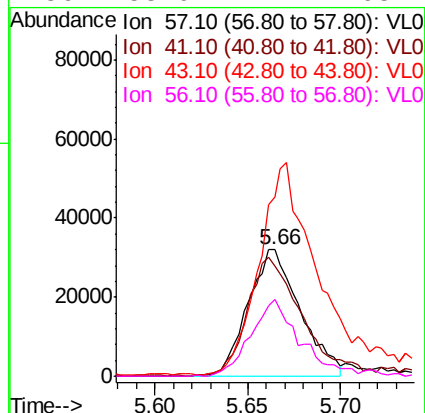
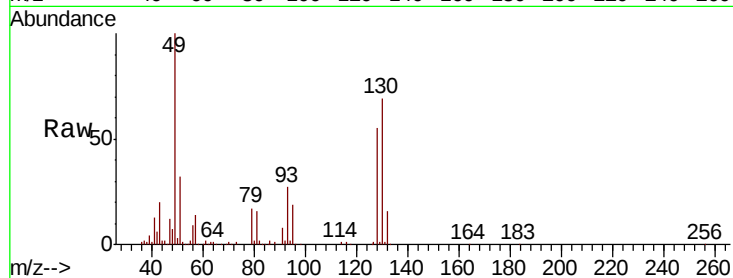




#26
Hexane
Concen: 0.413 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

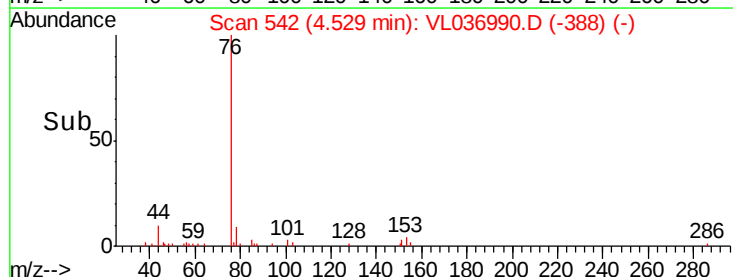
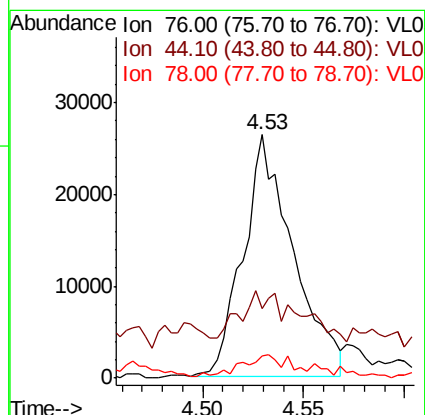
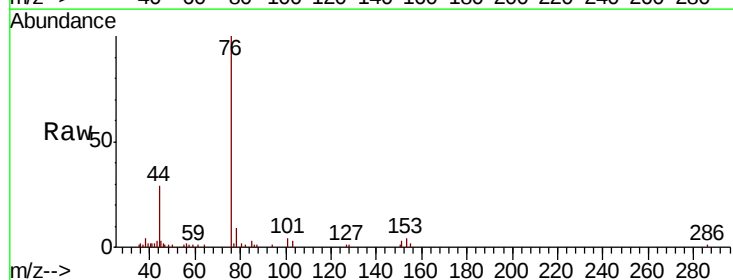
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

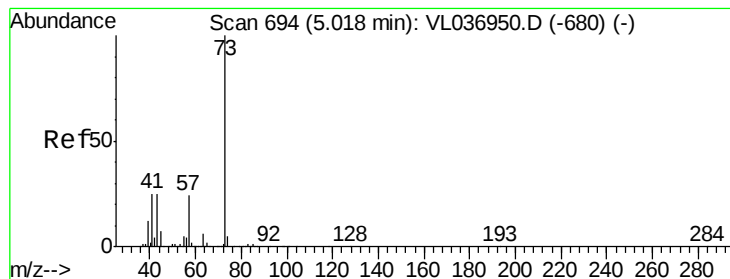
Tot Ion:	57	Resp:	62389
Ion	Ratio	Lower	Upper
57	100		
41	103.3	70.5	105.7
43	210.3	165.8	248.8
56	58.9	42.2	63.4



#27
Carbon Disulfide
Concen: 0.300 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion:	76	Resp:	45601
Ion	Ratio	Lower	Upper
76	100		
44	43.0	15.5	23.3#
78	14.6	7.8	11.6#



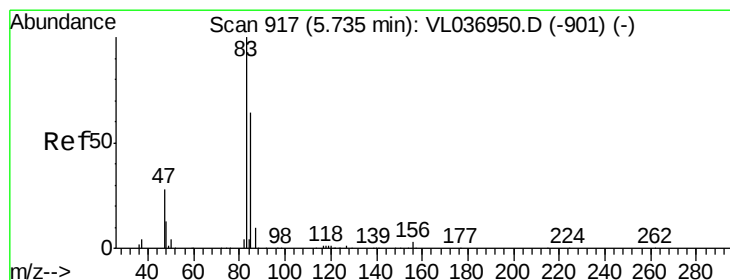
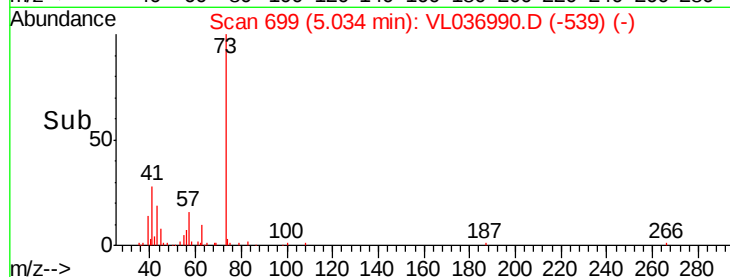
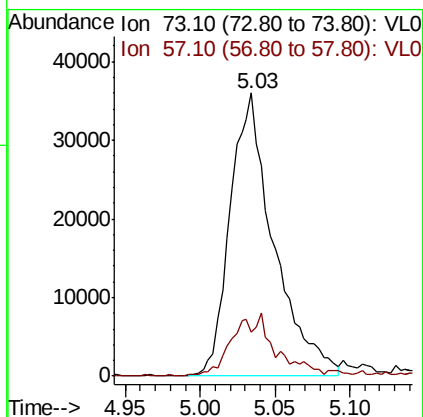
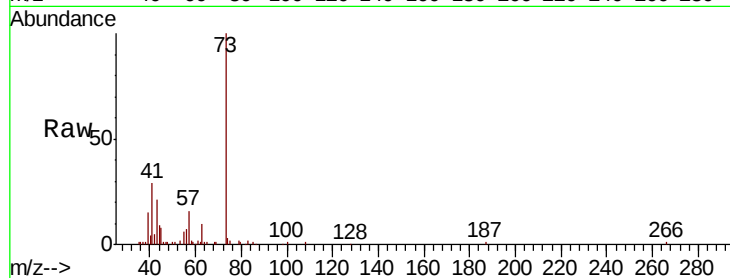


#28

Methyl tert-Butyl Ether
 Concen: 0.403 ppbv
 RT: 5.03 min Scan# 699
 Delta R.T. 0.02 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

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

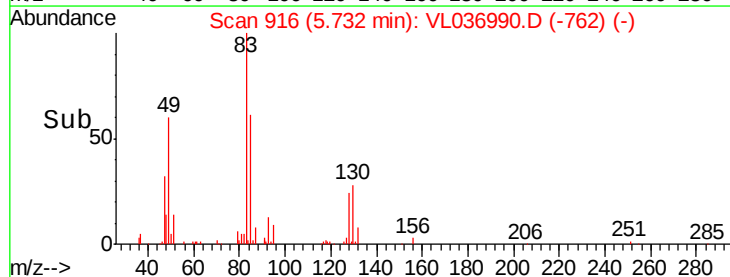
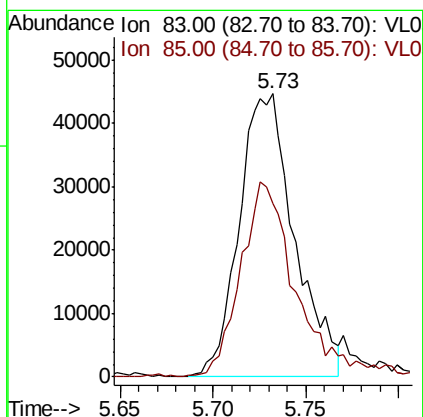
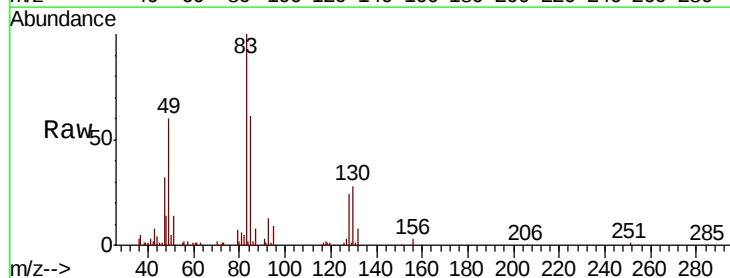
Tot Ion: 73 Resp: 72959
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.3 27.5

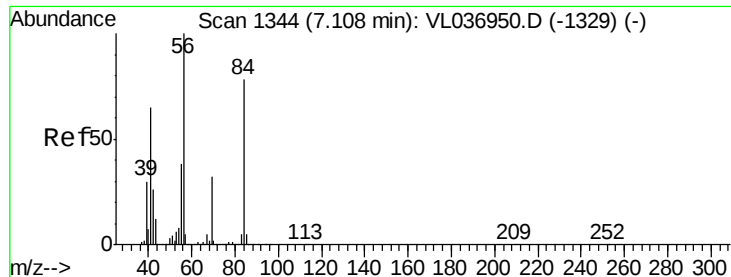


#29

Chloroform
 Concen: 0.435 ppbv
 RT: 5.73 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion: 83 Resp: 92851
 Ion Ratio Lower Upper
 83 100
 85 60.5 51.1 76.7

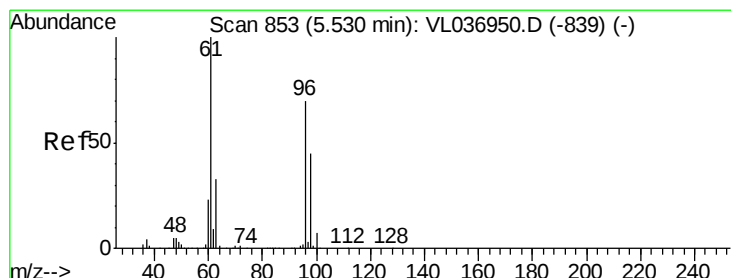
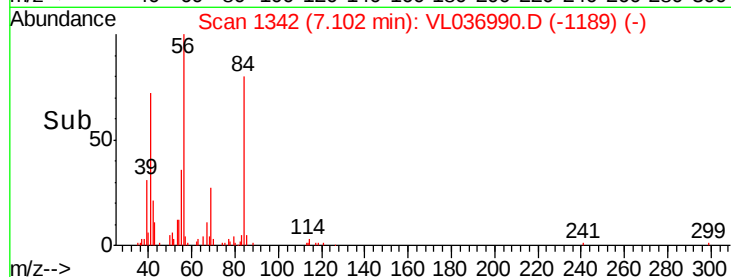
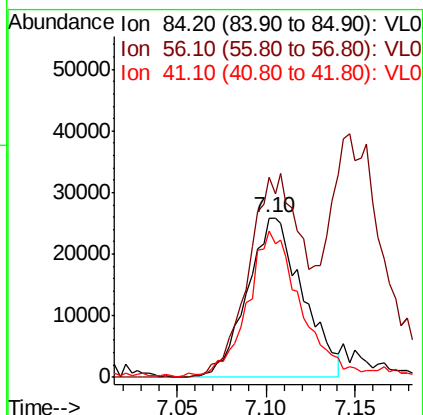
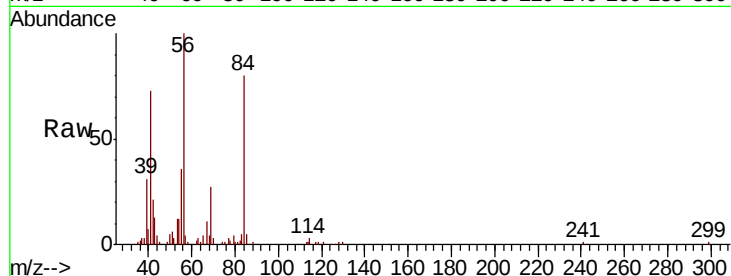




#30
Cvclohexane
Concen: 0.437 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.01 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

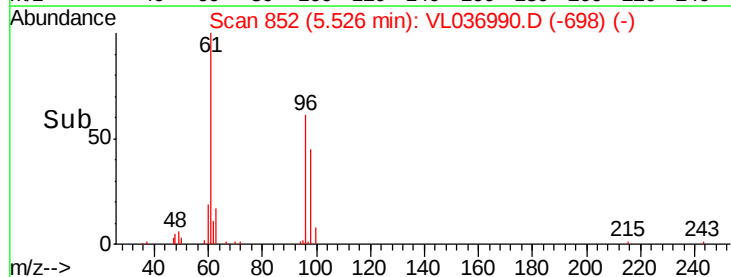
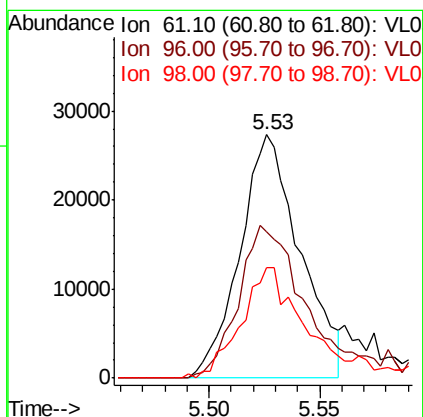
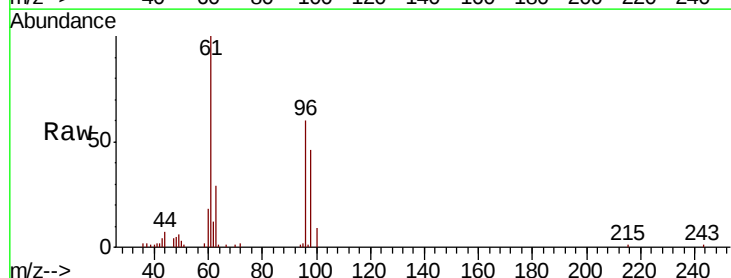
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

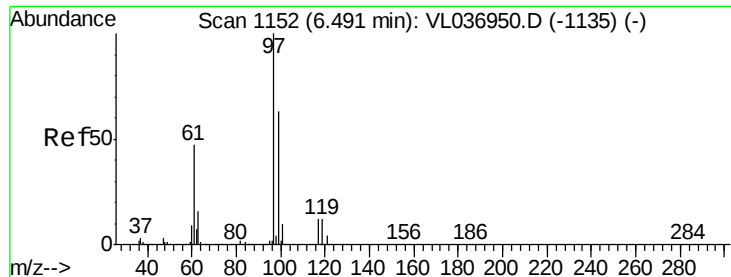
Tot Ion: 84 Resp: 56082
Ion Ratio Lower Upper
84 100
56 117.2 107.9 161.9
41 93.1 65.5 98.3



#31
cis-1,2-Dichloroethene
Concen: 0.383 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 61 Resp: 51917
Ion Ratio Lower Upper
61 100
96 59.9 55.9 83.9
98 43.9 35.6 53.4

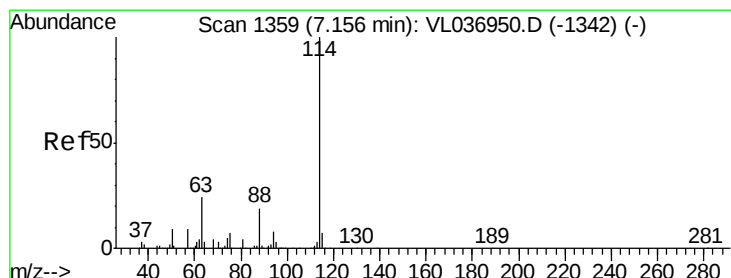
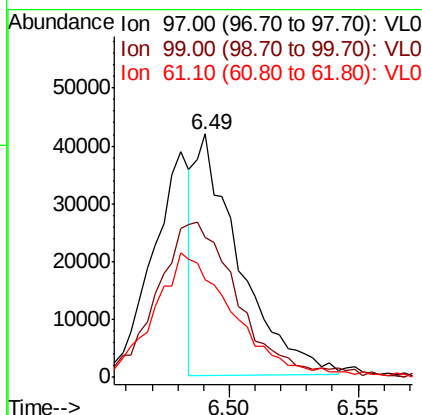
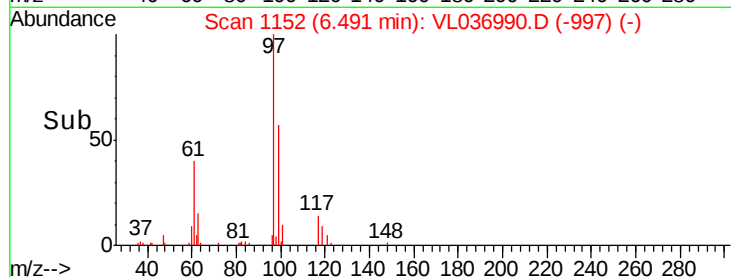
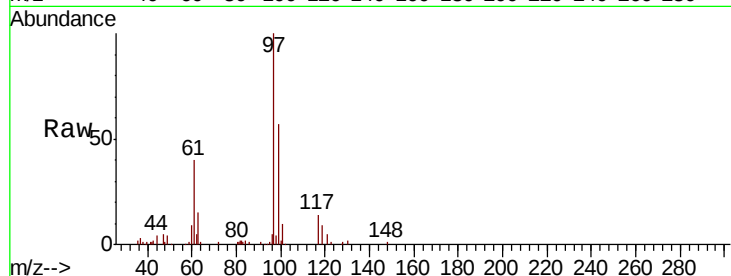




#32
 1,1,1-Trichloroethane
 Concen: 0.221 ppbv
 RT: 6.49 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

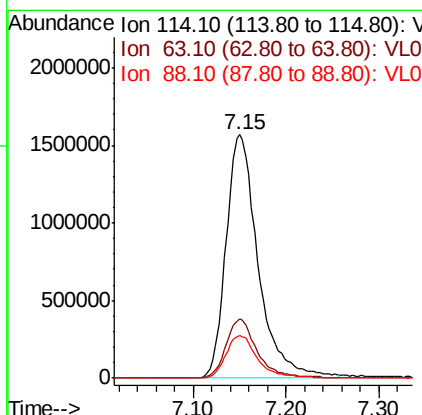
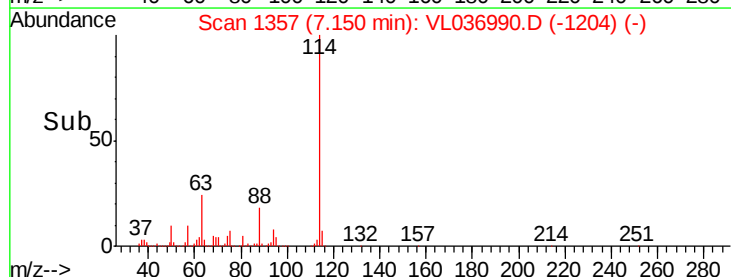
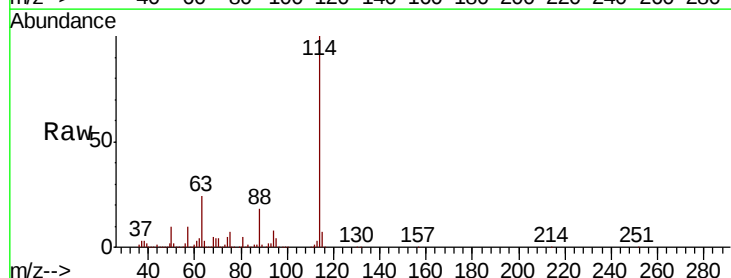
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

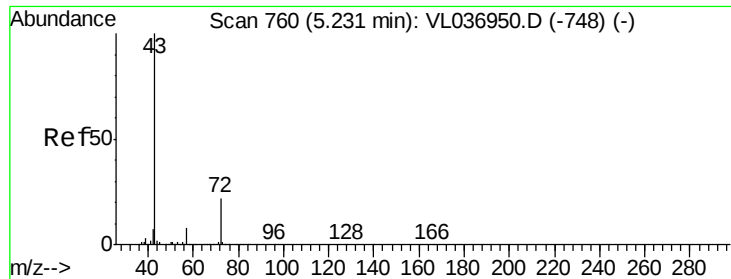
Tot Ion: 97 Resp: 50548
 Ion Ratio Lower Upper
 97 100
 99 118.9 51.9 77.9#
 61 0.0 37.6 56.4#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion: 114 Resp: 3766525
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.6 29.4
 88 17.5 14.6 21.8

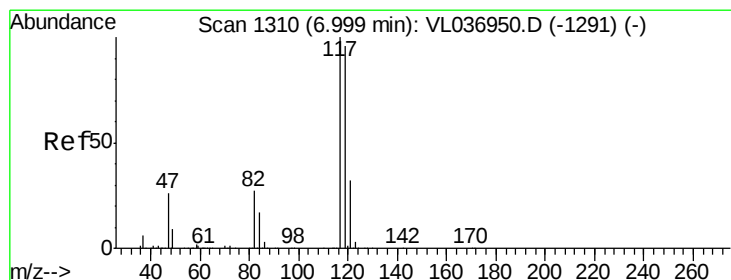
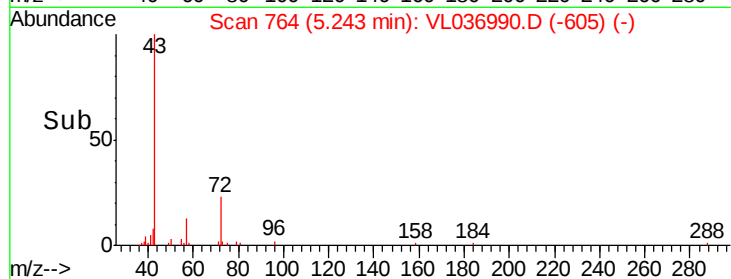
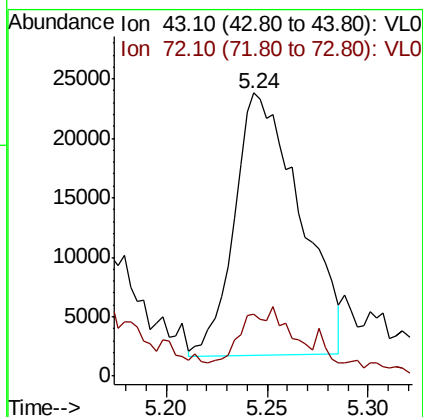
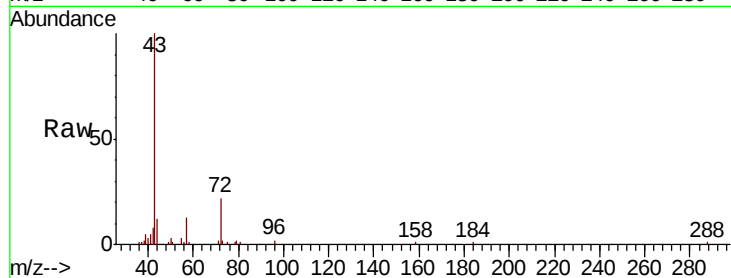




#34
2-Butanone
Concen: 0.365 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

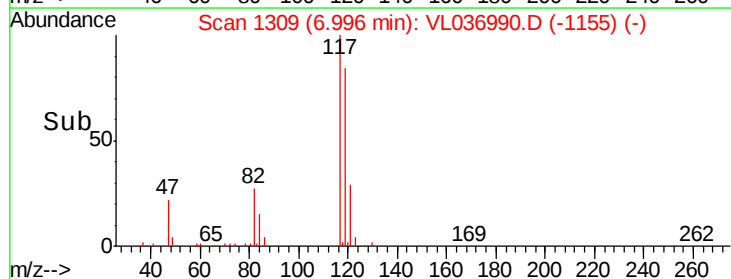
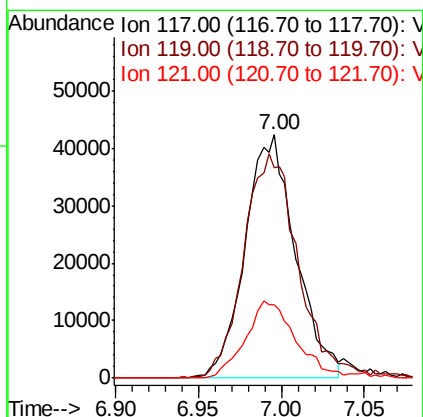
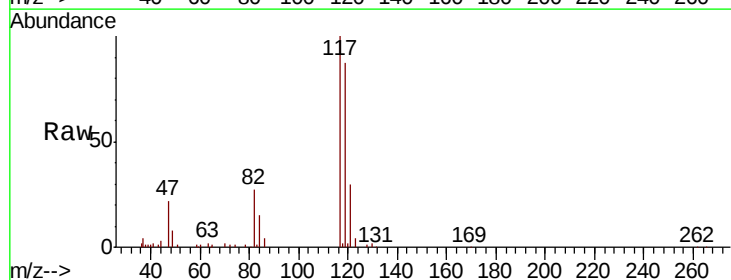
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

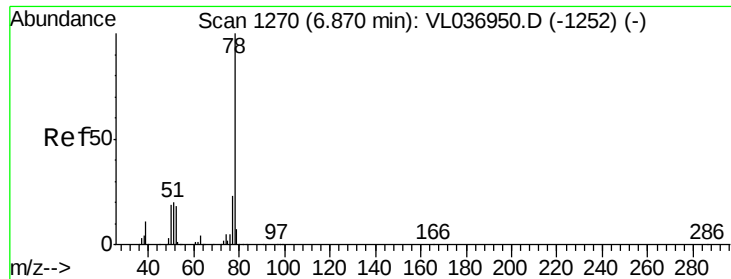
Tot Ion: 43 Resp: 50033
Ion Ratio Lower Upper
43 100
72 32.6 19.0 28.4#



#35
Carbon Tetrachloride
Concen: 0.358 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 117 Resp: 89562
Ion Ratio Lower Upper
117 100
119 86.2 76.6 114.8
121 30.3 25.8 38.6

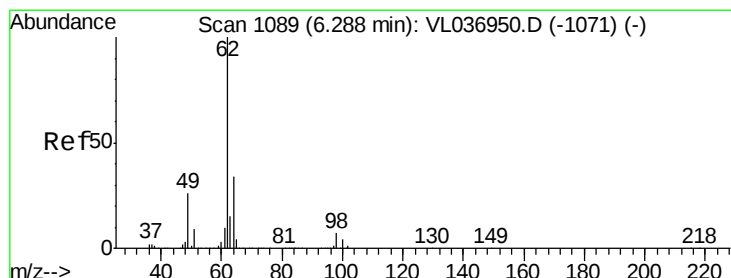
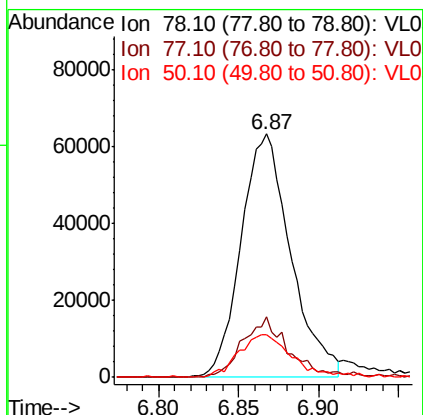
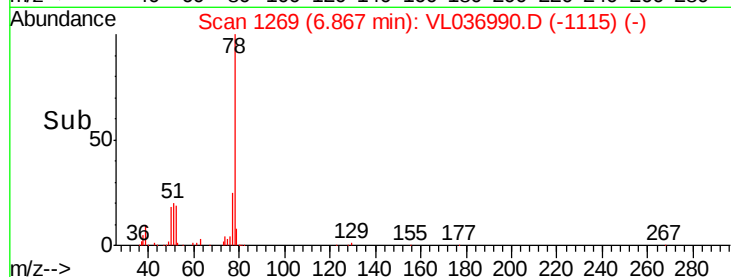
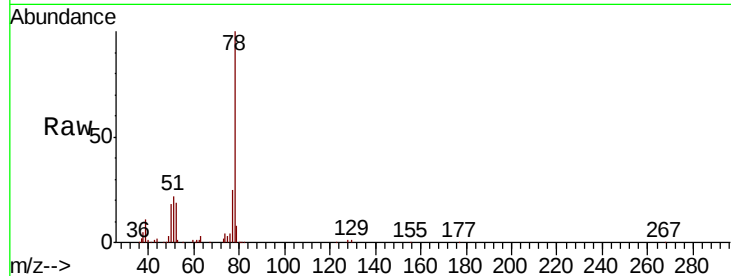




#36
Benzene
Concen: 0.417 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

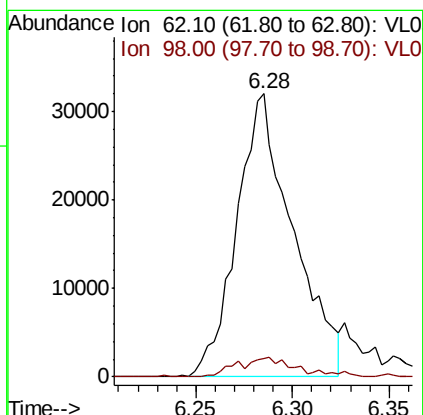
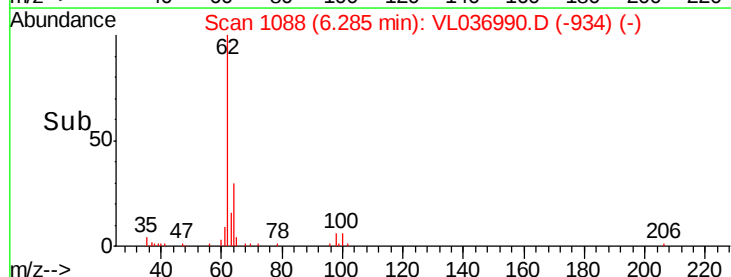
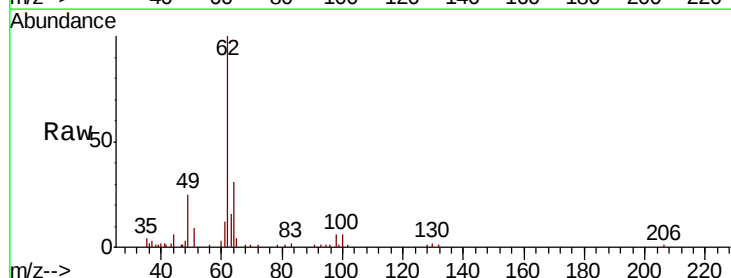
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

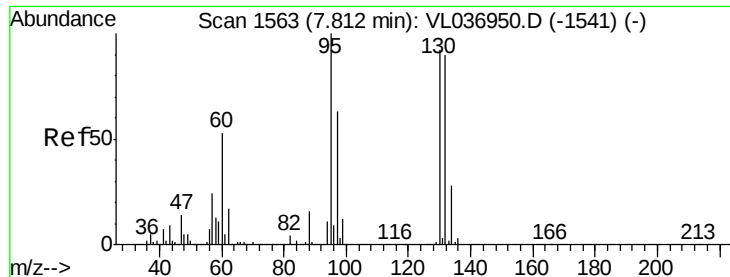
Tot Ion: 78 Resp: 135176
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0
50 17.6 15.0 22.4



#37
1,2-Dichloroethane
Concen: 0.402 ppbv
RT: 6.28 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 62 Resp: 64669
Ion Ratio Lower Upper
62 100
98 7.6 5.5 8.3

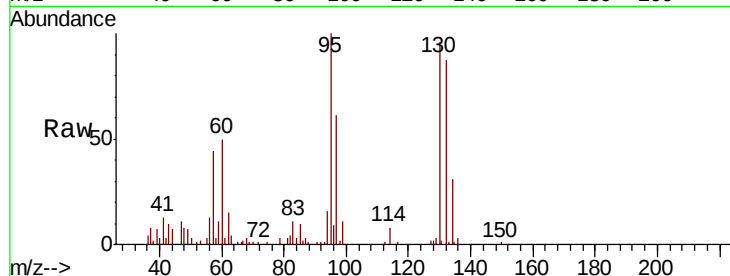




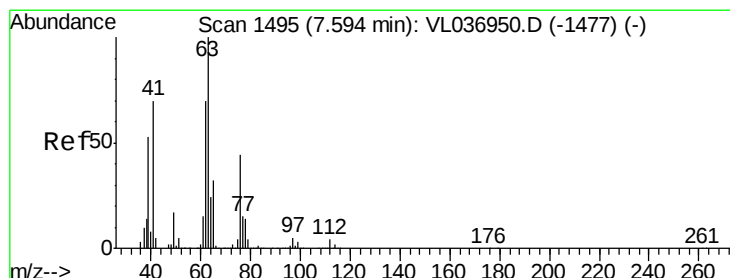
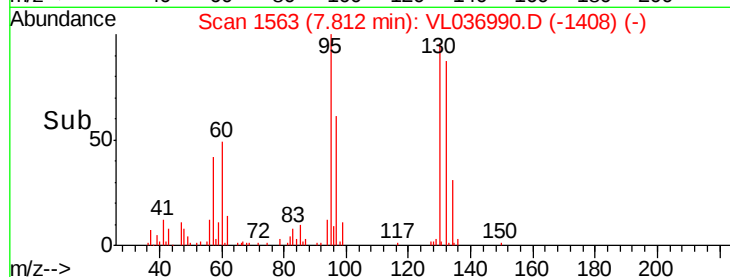
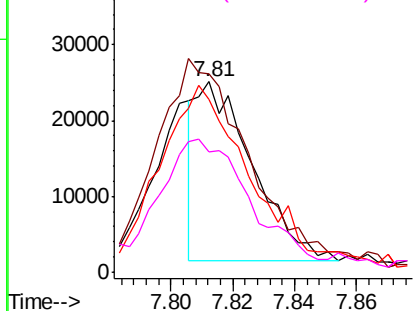
#38
 Trichloroethene
 Concen: 0.214 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

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

Tot Ion:130	Resp:	29668
Ion	Ratio	Lower Upper
130	100	
95	96.8	86.9 130.3
132	82.4	78.4 117.6
97	55.3	55.0 82.6

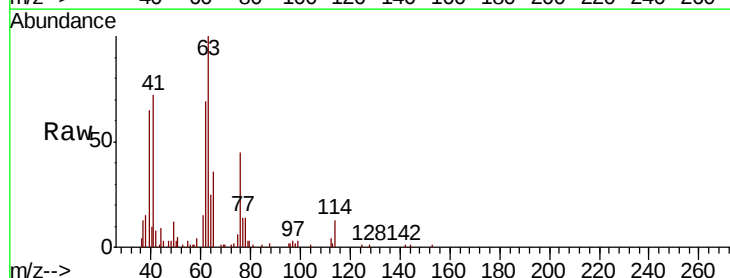


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

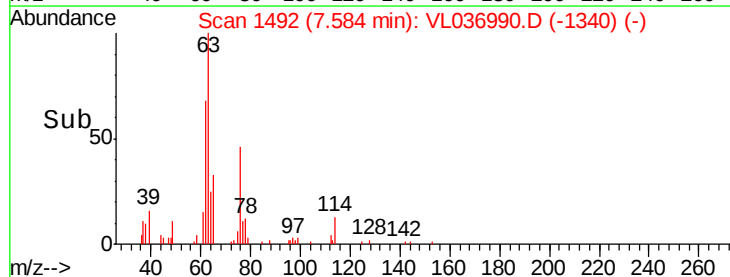
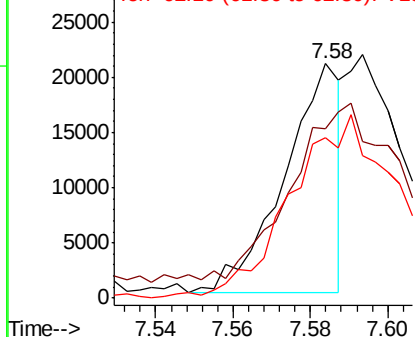


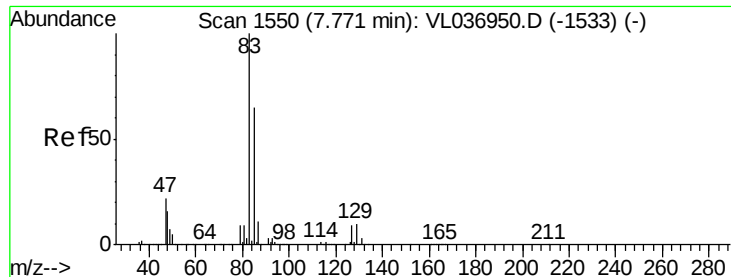
#39
 1,2-Dichloropropane
 Concen: 0.168 ppbv
 RT: 7.58 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion: 63	Resp:	20963
Ion	Ratio	Lower Upper
63	100	
41	64.0	55.7 83.5
62	67.8	56.2 84.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.158 ppbv

RT: 7.76 min Scan# 1547

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

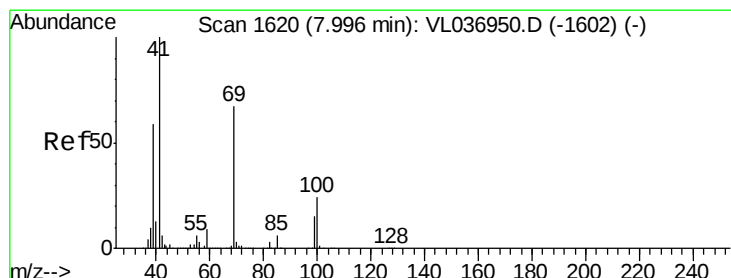
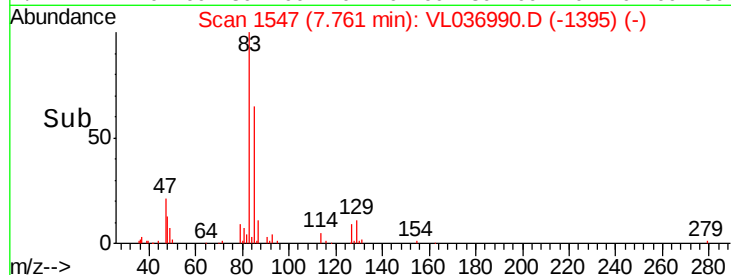
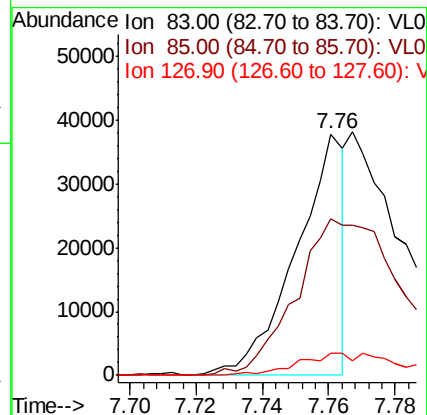
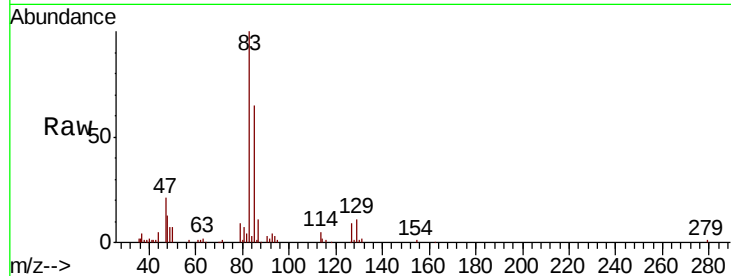
Tot Ion: 83 Resp: 38337

Ion Ratio Lower Upper

83 100

85 64.8 51.7 77.5

127 9.0 6.9 10.3



#43

Methyl Methacrylate

Concen: 0.191 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

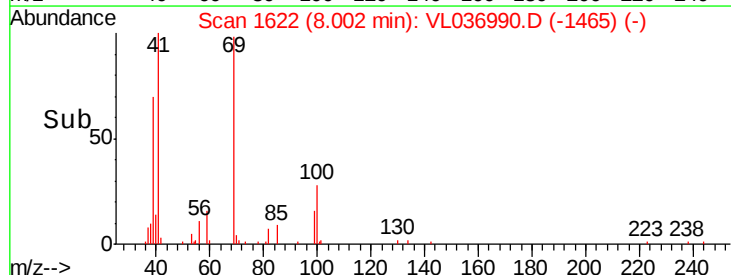
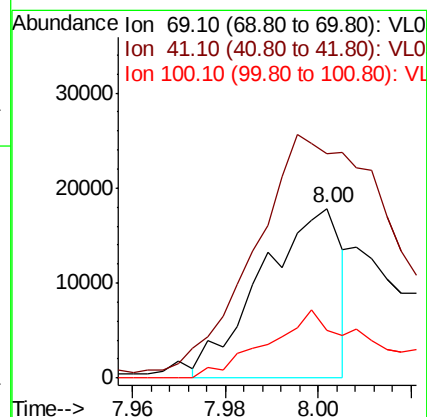
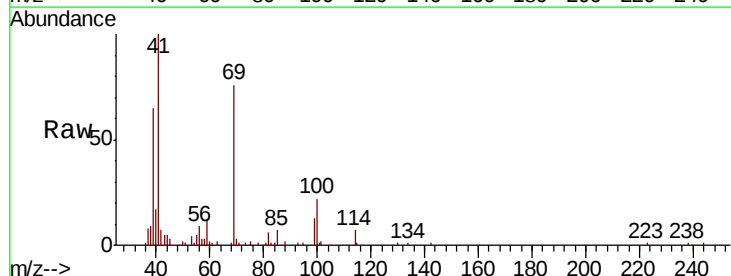
Tgt Ion: 69 Resp: 21333

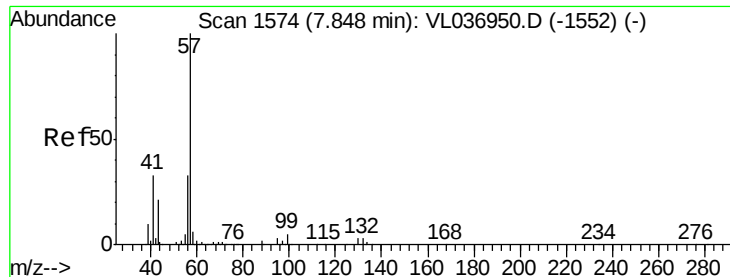
Ion Ratio Lower Upper

69 100

41 277.4 118.6 178.0#

100 63.9 28.2 42.4#

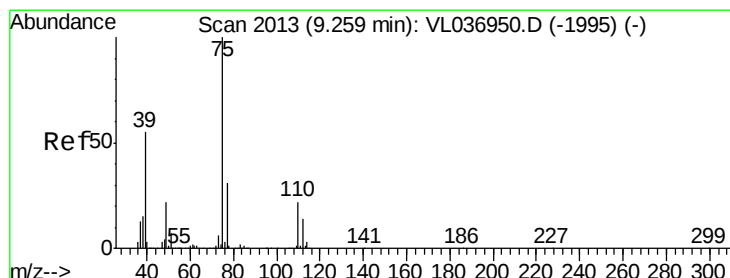
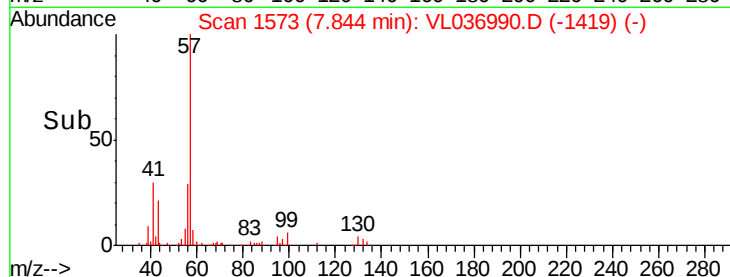
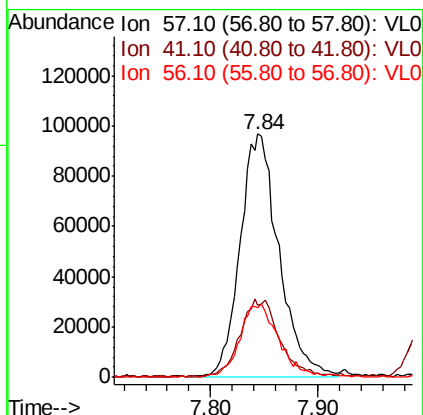
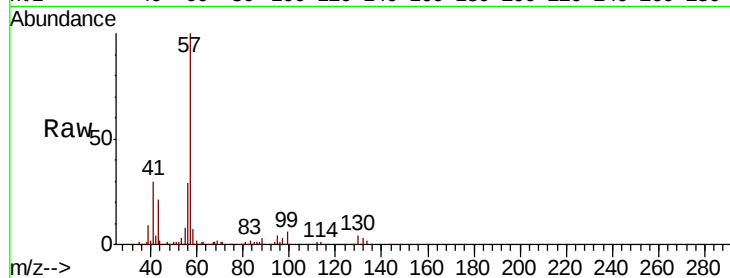




#44
2,2,4-Trimethylpentane
Concen: 0.437 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

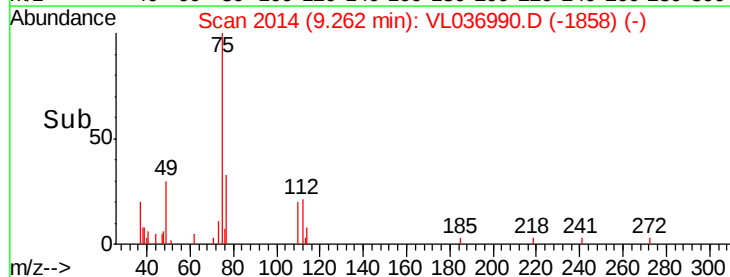
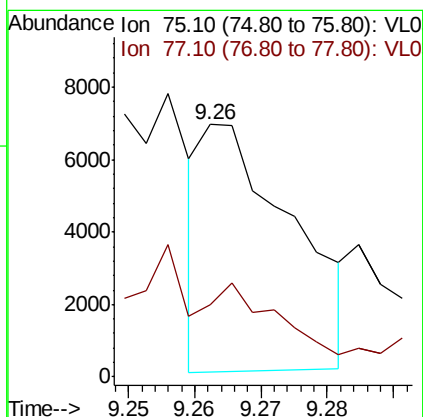
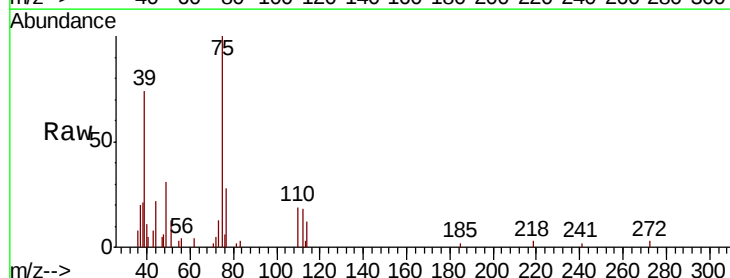
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

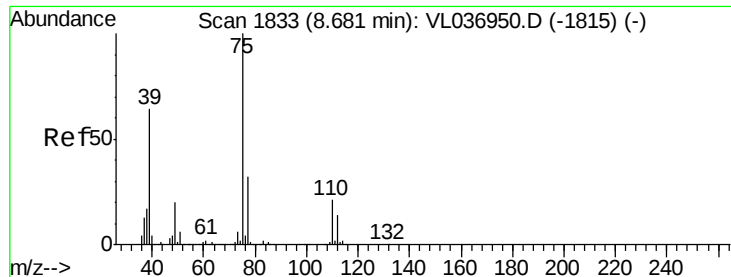
Tot Ion: 57 Resp: 243108
Ion Ratio Lower Upper
57 100
41 33.2 27.0 40.4
56 30.7 25.4 38.2



#45
t-1,3-Dichloropropene
Concen: 0.076 ppbv
RT: 9.26 min Scan# 2014
Delta R.T. 0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 75 Resp: 6466
Ion Ratio Lower Upper
75 100
77 28.4 24.4 36.6



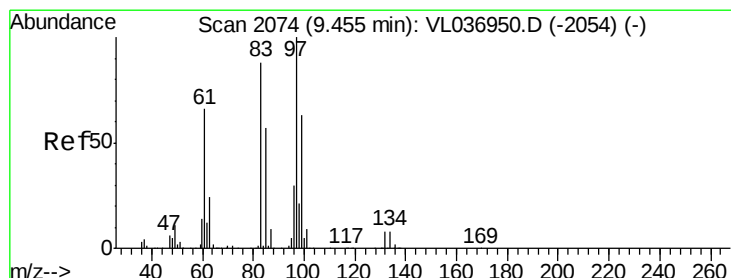
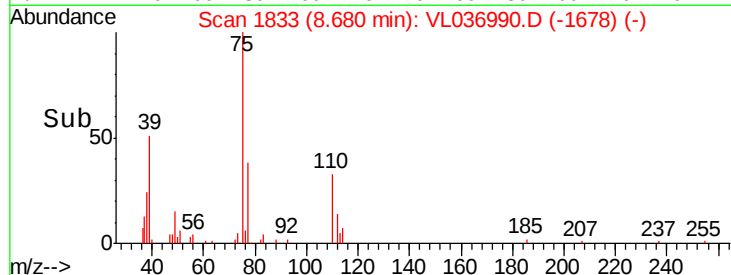
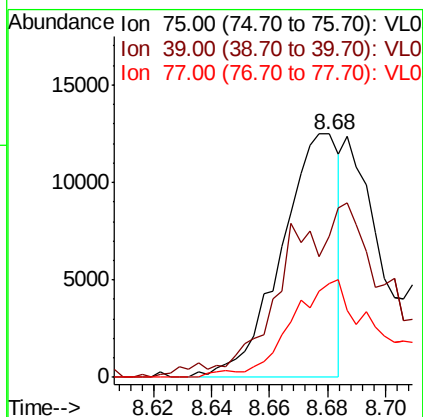
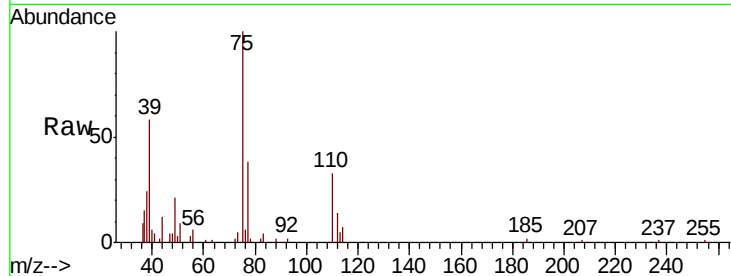


#46

cis-1,3-Dichloropropene
 Concen: 0.149 ppbv
 RT: 8.68 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

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

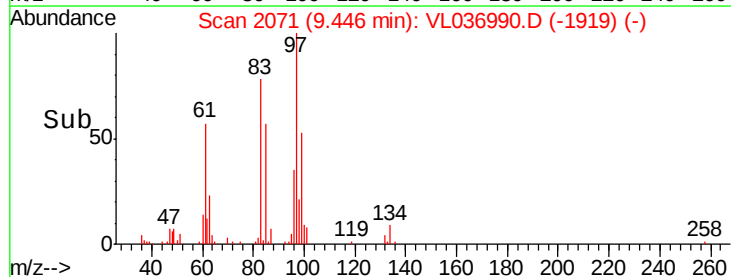
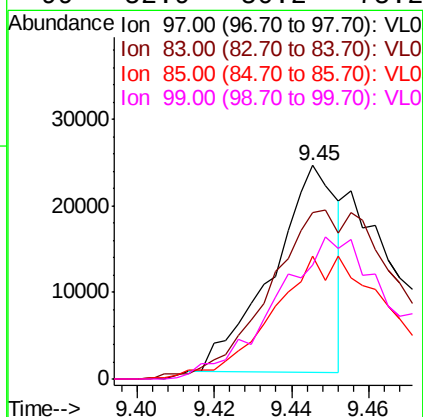
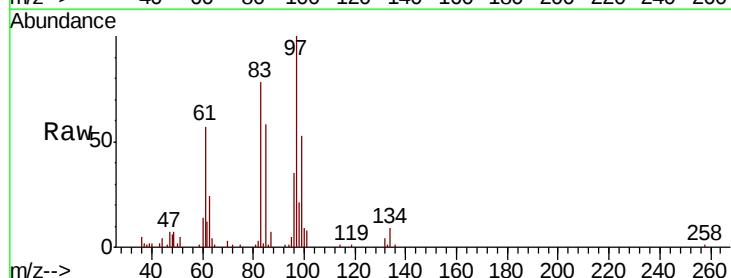
Tot Ion: 75 Resp: 17125
 Ion Ratio Lower Upper
 75 100
 39 52.9 51.5 77.3
 77 38.3 25.9 38.9

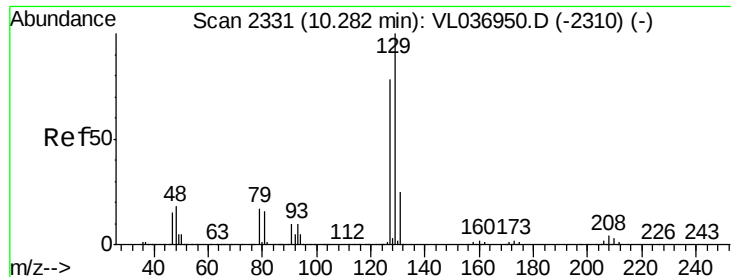


#47

1,1,2-Trichloroethane
 Concen: 0.212 ppbv
 RT: 9.45 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion: 97 Resp: 27741
 Ion Ratio Lower Upper
 97 100
 83 78.4 70.4 105.6
 85 55.4 45.5 68.3
 99 52.9 50.2 75.2





#48

Dibromochloromethane

Concen: 0.261 ppbv

RT: 10.28 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

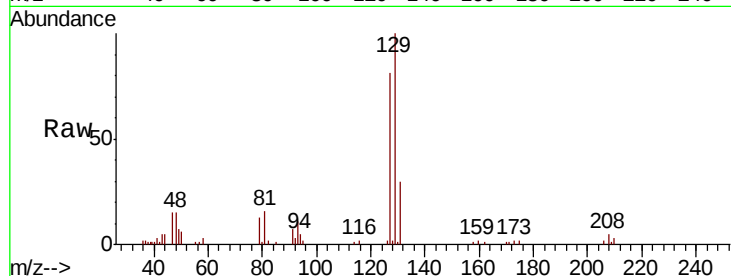
MDL-AIR-03-QT2-2021

Tot Ion:129 Resp: 55327

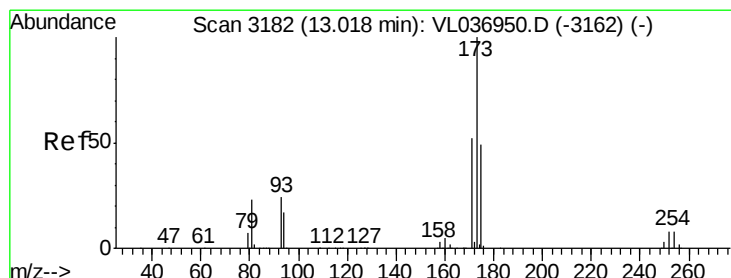
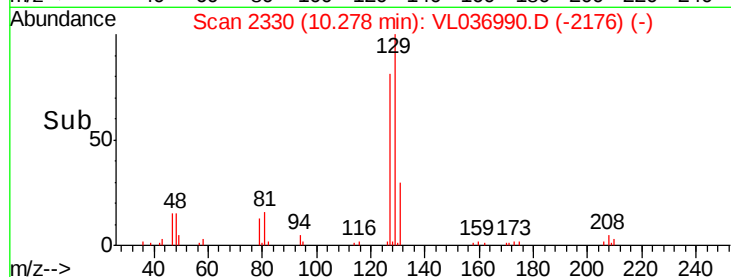
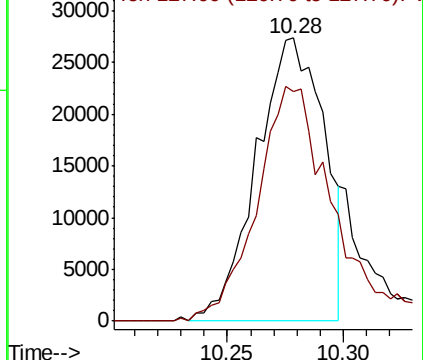
Ion Ratio Lower Upper

129 100

127 96.6 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.239 ppbv

RT: 13.01 min Scan# 3180

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

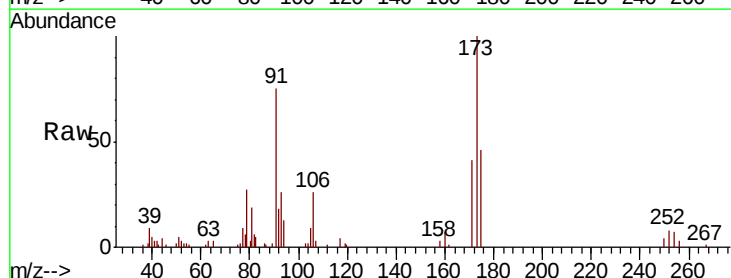
Tgt Ion:173 Resp: 41834

Ion Ratio Lower Upper

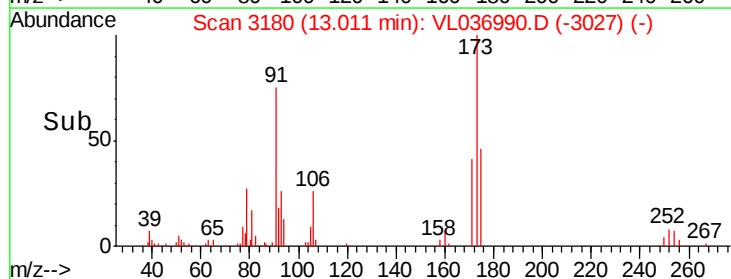
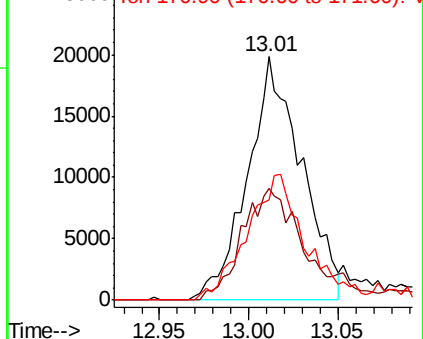
173 100

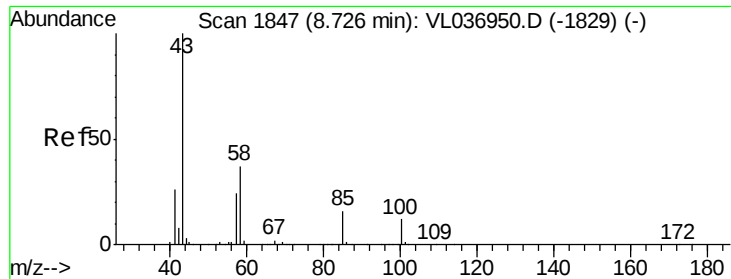
175 57.8 40.4 60.6

171 58.7 42.6 64.0



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

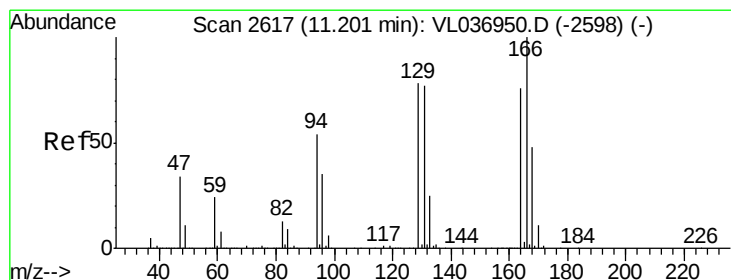
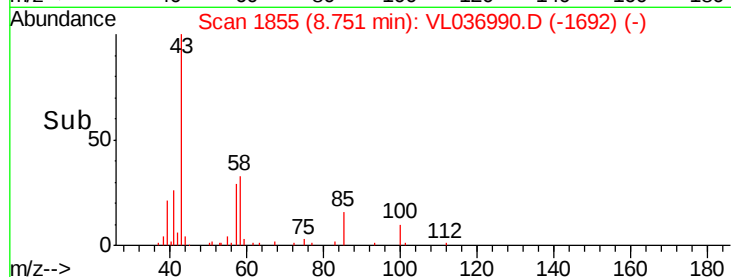
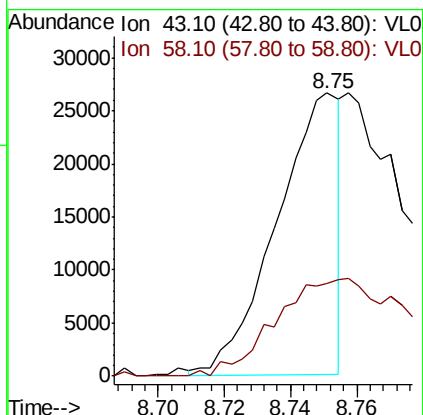
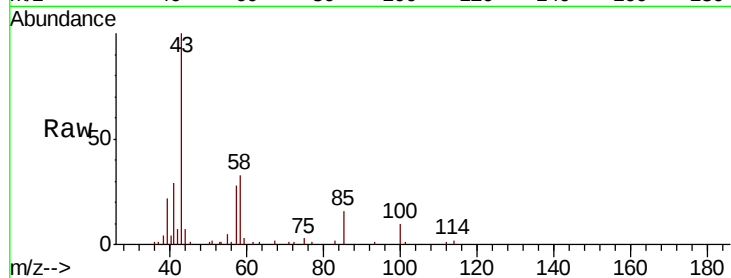




#50
4-Methyl-2-Pentanone
Concen: 0.155 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.03 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

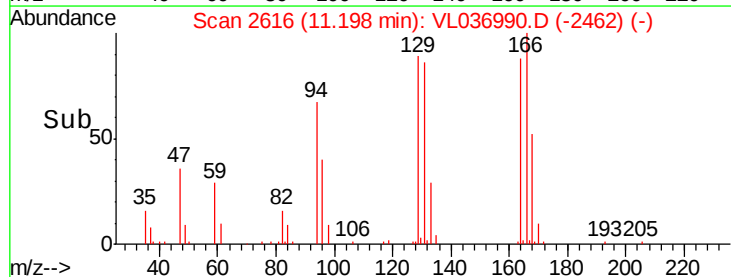
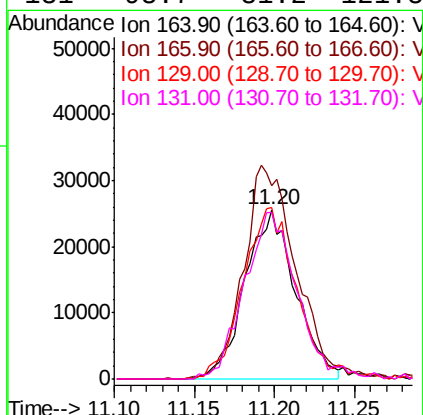
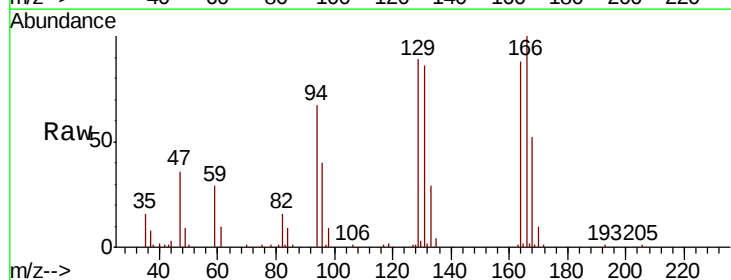
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

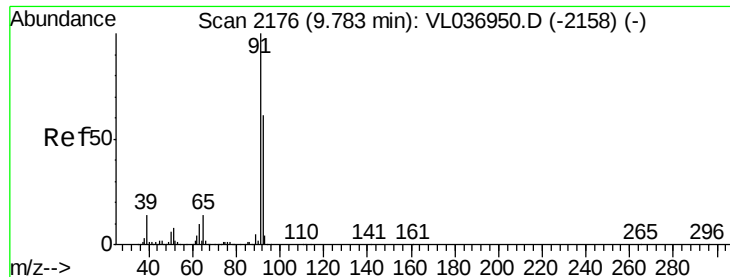
Tot Ion: 43 Resp: 35090
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#52
Tetrachloroethene
Concen: 0.429 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 164 Resp: 55362
Ion Ratio Lower Upper
164 100
166 113.6 105.5 158.3
129 100.6 81.8 122.8
131 98.7 81.2 121.8





#53

Toluene

Concen: 0.401 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

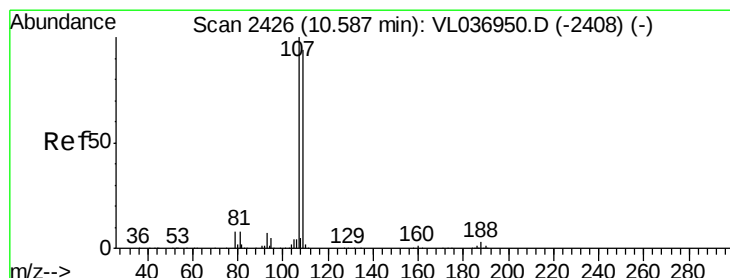
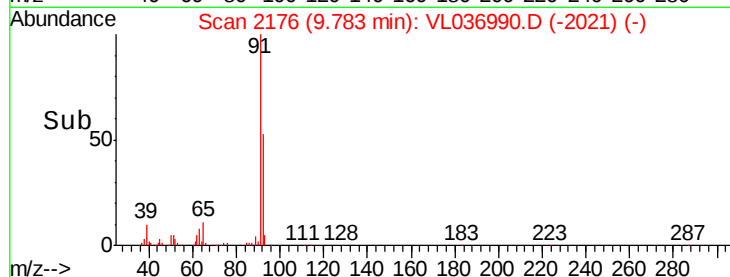
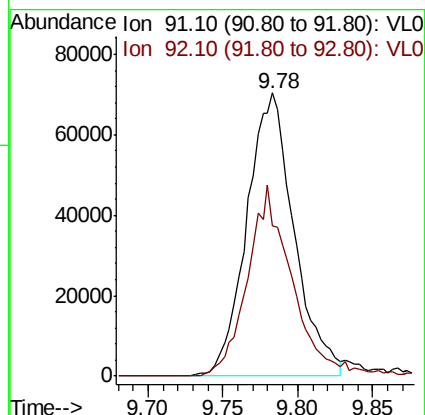
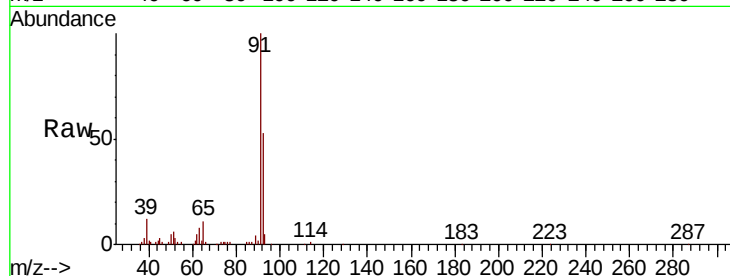
MDL-AIR-03-QT2-2021

Tot Ion: 91 Resp: 154667

Ion Ratio Lower Upper

91 100

92 64.0 49.5 74.3



#54

1,2-Dibromoethane

Concen: 0.217 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.00 min

Lab File: VL036990.D

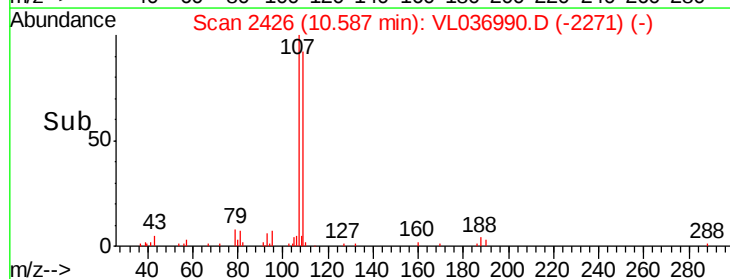
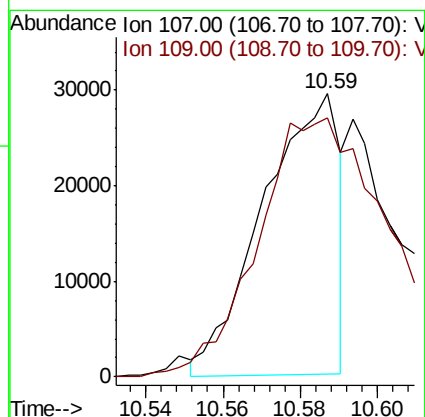
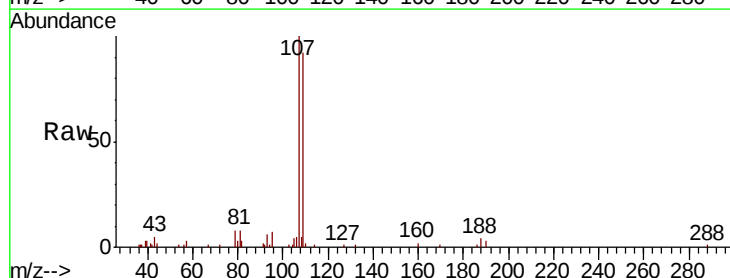
Acq: 19 May 2021 13:37

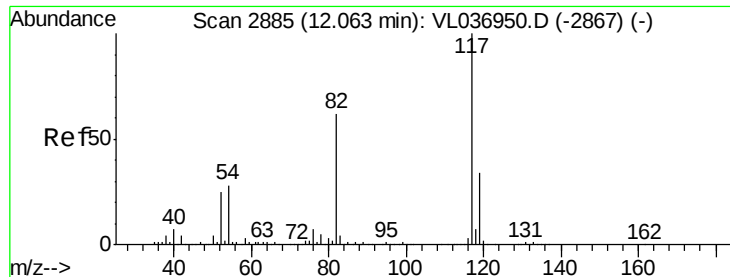
Tgt Ion: 107 Resp: 40406

Ion Ratio Lower Upper

107 100

109 92.6 75.0 112.4

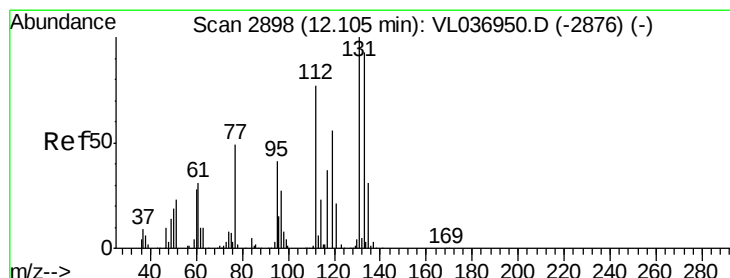
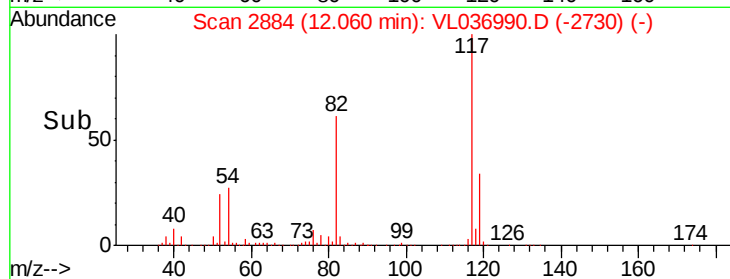
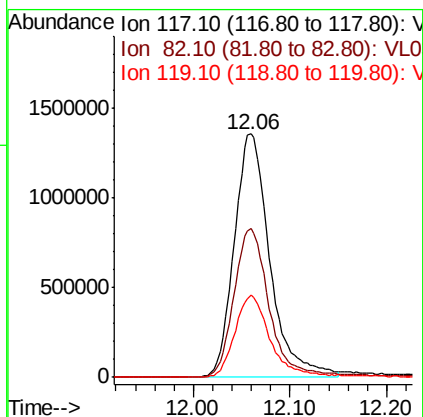
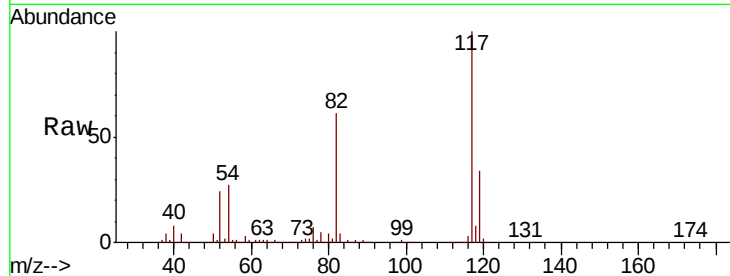




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

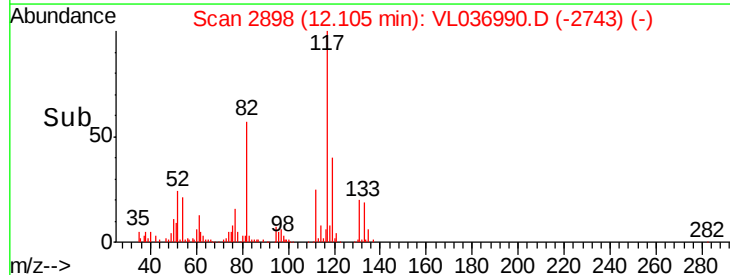
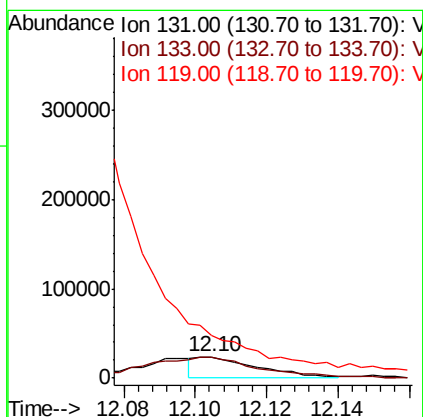
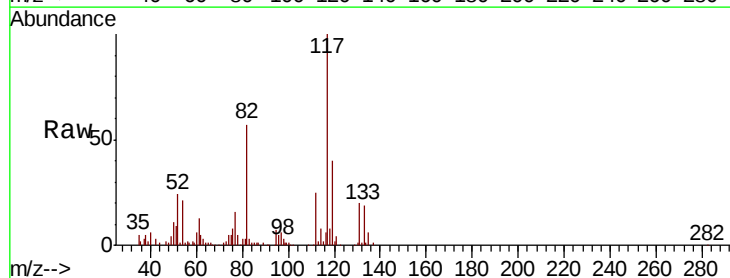
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

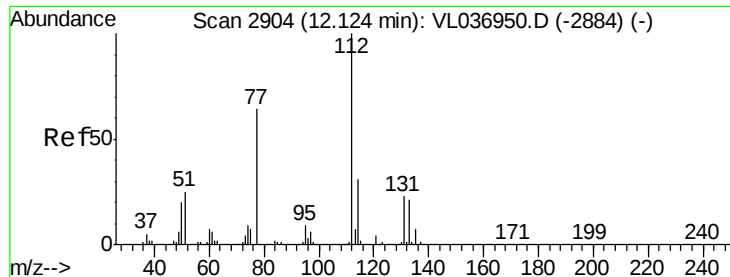
Tot Ion:117 Resp: 3487148
Ion Ratio Lower Upper
117 100
82 63.0 52.6 79.0
119 34.5 46.6 70.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.192 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion:131 Resp: 28101
Ion Ratio Lower Upper
131 100
133 190.5 76.9 115.3#
119 0.0 120.2 180.4#

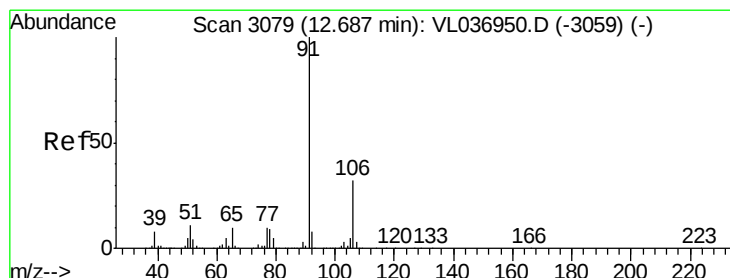
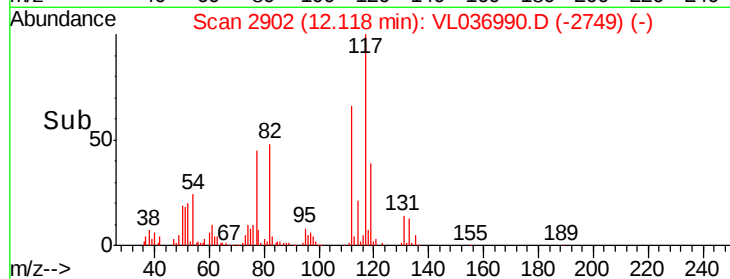
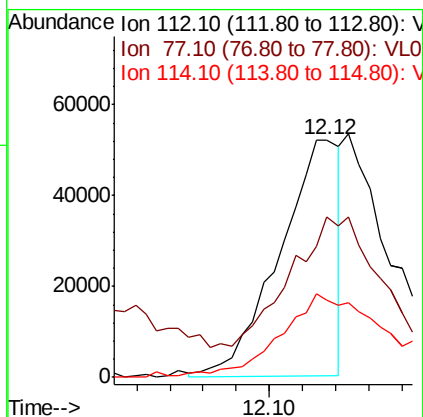
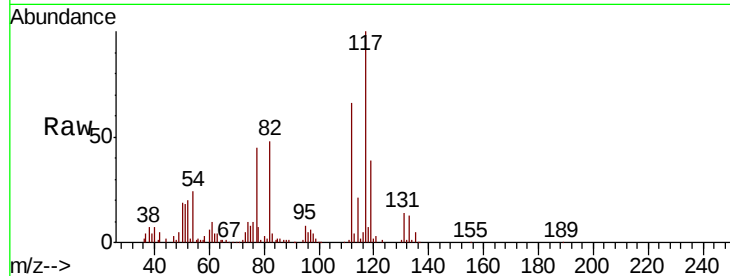




#57
Chlorobenzene
Concen: 0.243 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

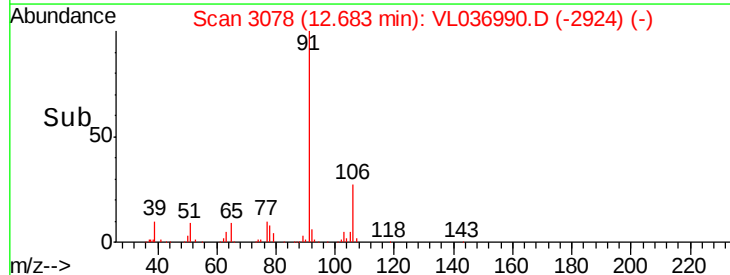
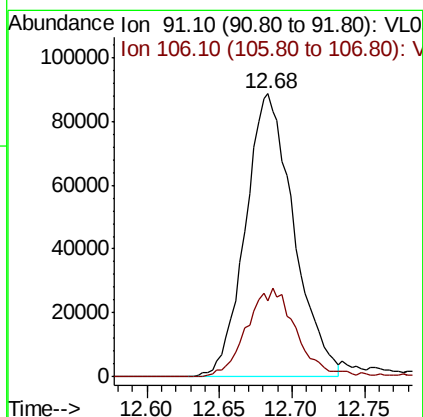
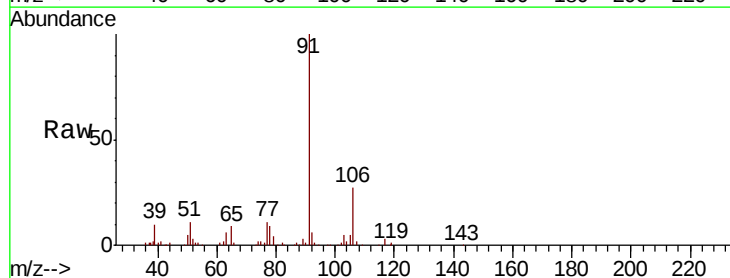
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

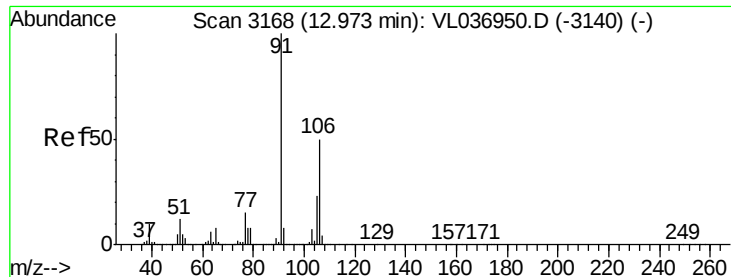
Tot Ion:112 Resp: 65730
Ion Ratio Lower Upper
112 100
77 51.8 51.0 76.6
114 31.3 28.3 34.5



#58
Ethyl Benzene
Concen: 0.417 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.00 min
Lab File: VL036990.D
Acq: 19 May 2021 13:37

Tgt Ion: 91 Resp: 205464
Ion Ratio Lower Upper
91 100
106 27.0 25.6 38.4





#59

m/p-Xylene

Concen: 0.298 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

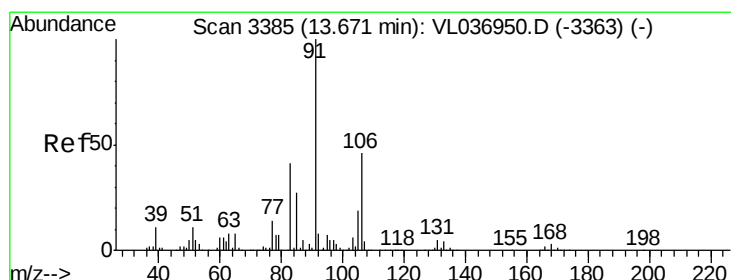
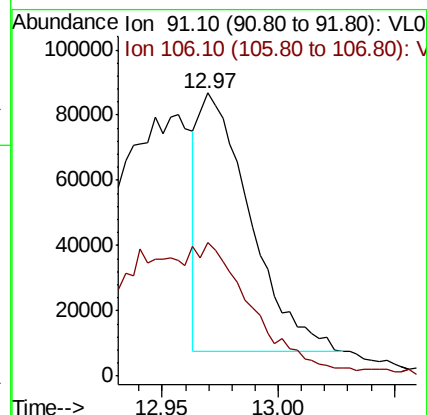
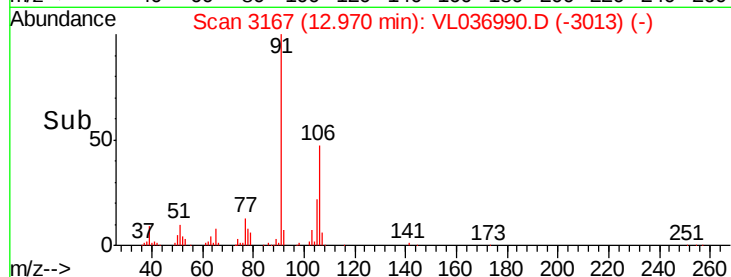
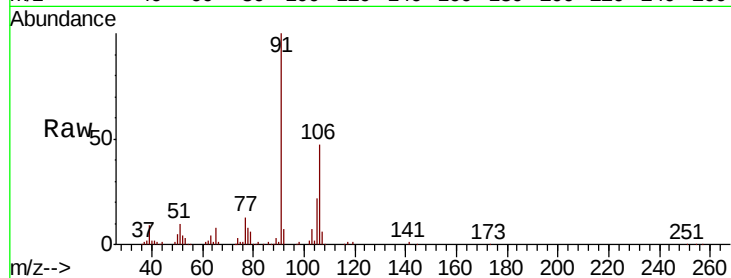
MDL-AIR-03-QT2-2021

Tot Ion: 91 Resp: 121204

Ion Ratio Lower Upper

91 100

106 135.3 37.4 56.2#



#60

o-Xylene

Concen: 0.430 ppbv

RT: 13.66 min Scan# 3383

Delta R.T. -0.01 min

Lab File: VL036990.D

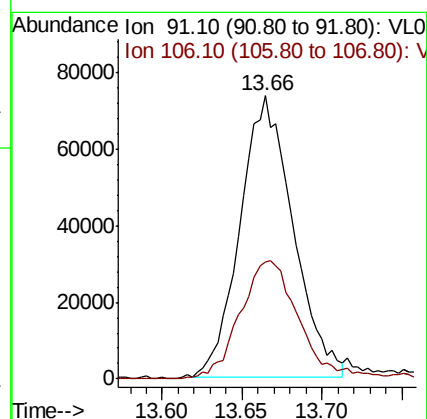
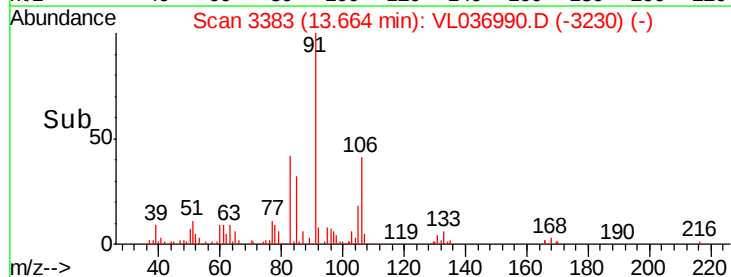
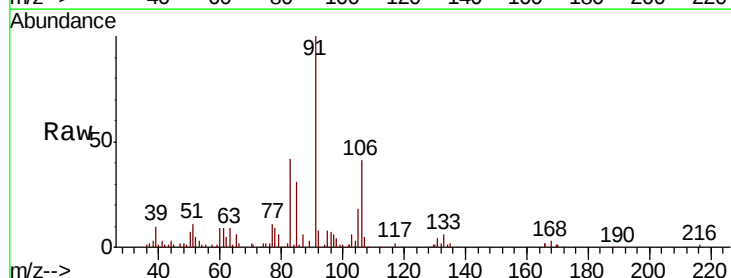
Acq: 19 May 2021 13:37

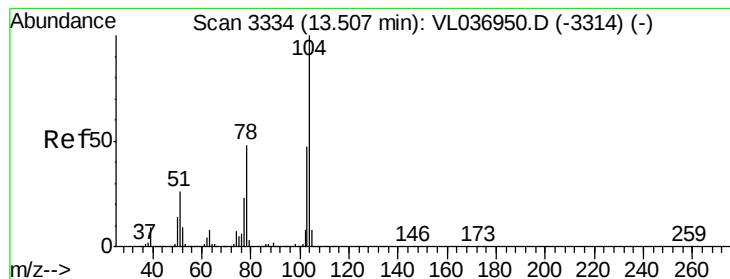
Tgt Ion: 91 Resp: 166699

Ion Ratio Lower Upper

91 100

106 47.6 23.4 70.3





#61

Stvrene

Concen: 0.346 ppbv

RT: 13.50 min Scan# 3332

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

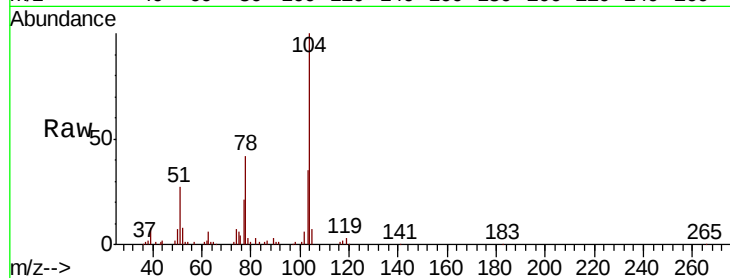
Tot Ion:104 Resp: 75687

Ion Ratio Lower Upper

104 100

78 57.0 39.0 58.6

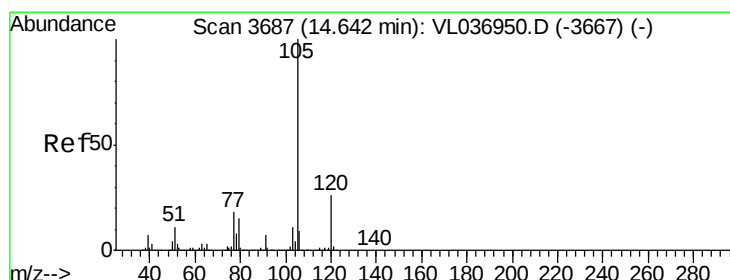
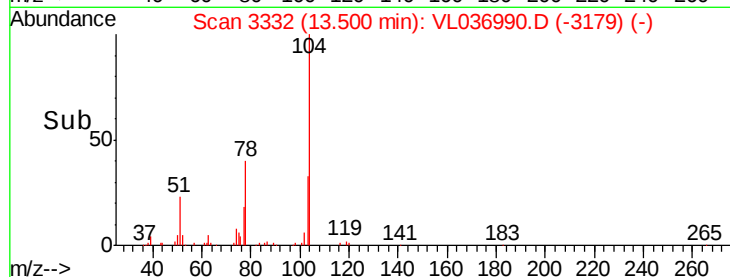
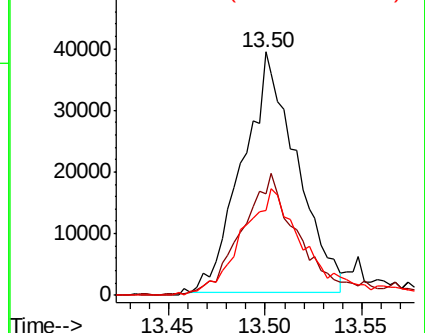
103 53.1 38.0 57.0



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: 0.425 ppbv

RT: 14.64 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VL036990.D

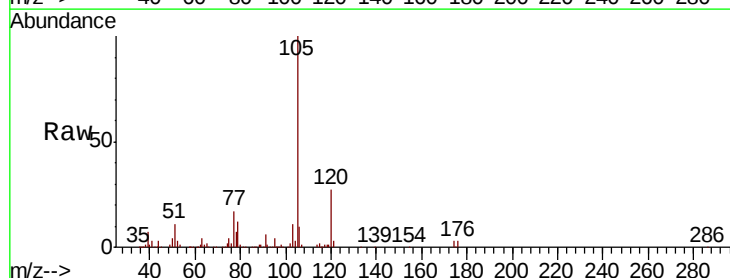
Acq: 19 May 2021 13:37

Tgt Ion:105 Resp: 237069

Ion Ratio Lower Upper

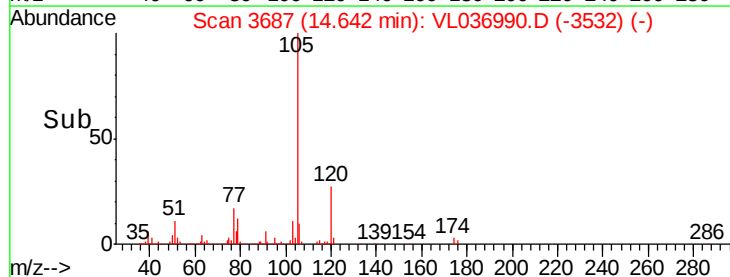
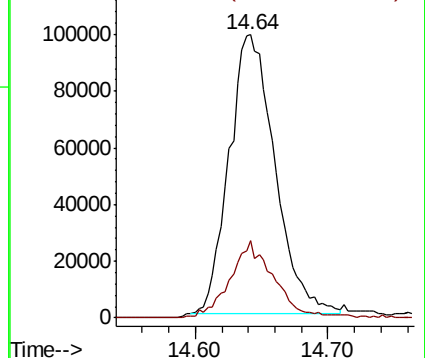
105 100

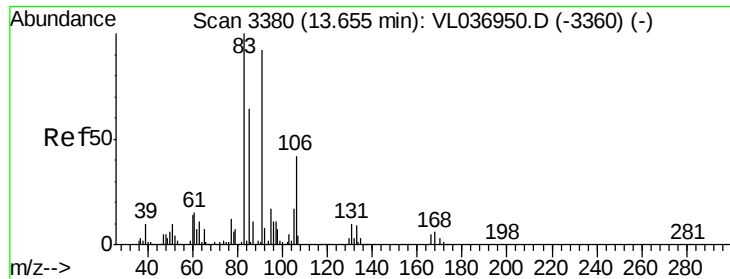
120 26.5 21.7 32.5



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: 0.362 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

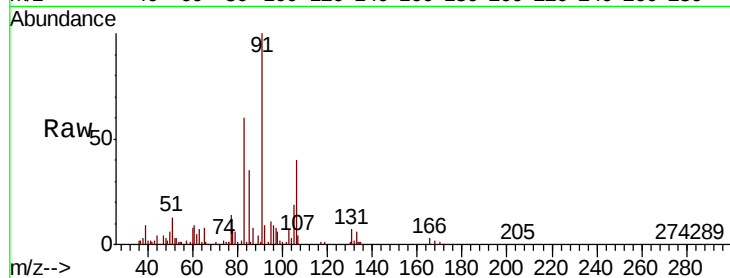
Tot Ion: 83 Resp: 104984

Ion Ratio Lower Upper

83 100

131 11.8 5.0 15.0

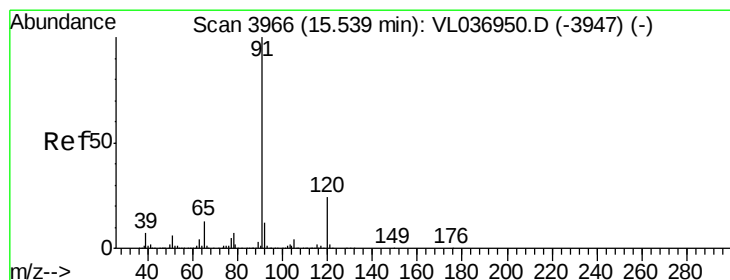
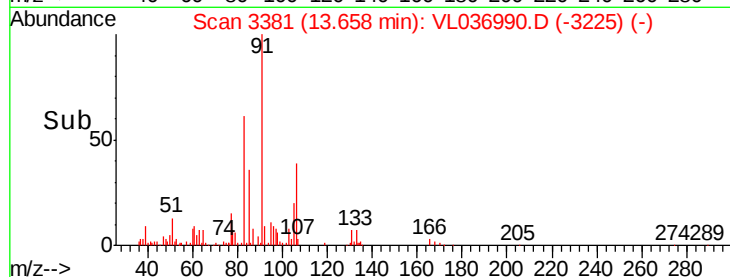
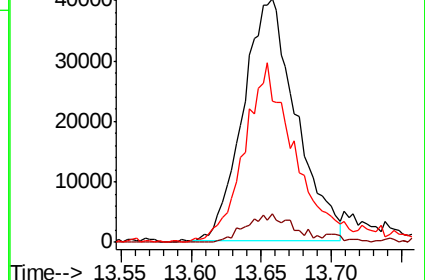
85 77.1 32.9 98.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.384 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. 0.00 min

Lab File: VL036990.D

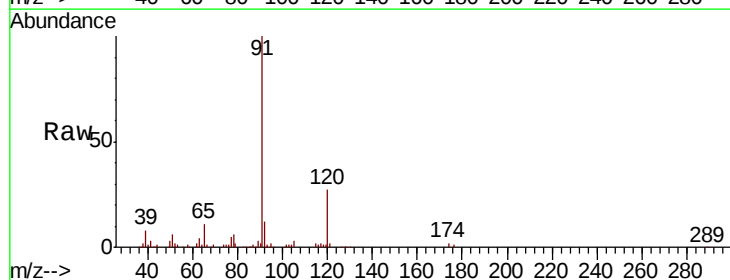
Acq: 19 May 2021 13:37

Tgt Ion:120 Resp: 55229

Ion Ratio Lower Upper

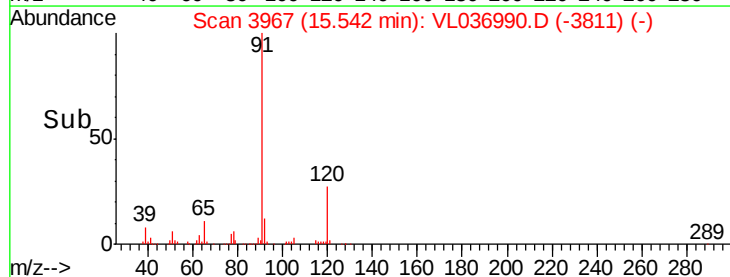
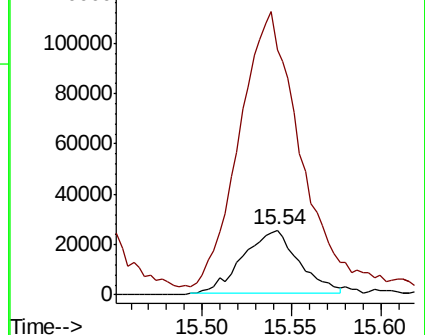
120 100

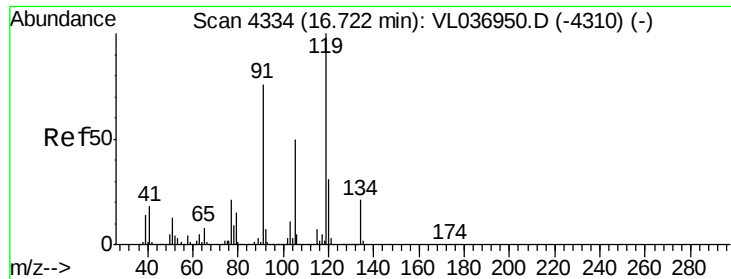
91 539.3 343.8 515.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.218 ppbv

RT: 16.72 min Scan# 4332

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

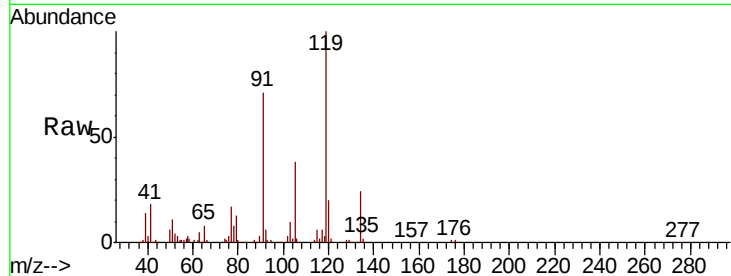
Tot Ion:119 Resp: 109848

Ion Ratio Lower Upper

119 100

91 0.0 61.9 92.9#

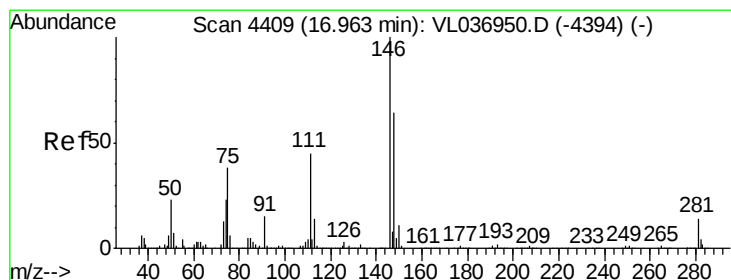
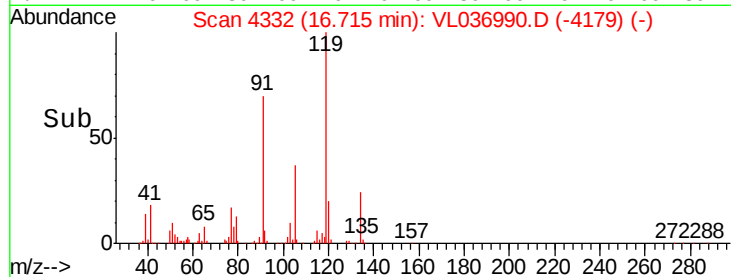
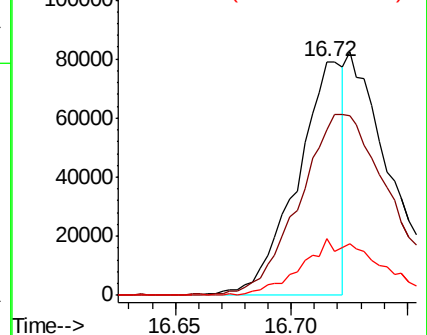
134 43.2 16.2 24.4#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.142 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. -0.16 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

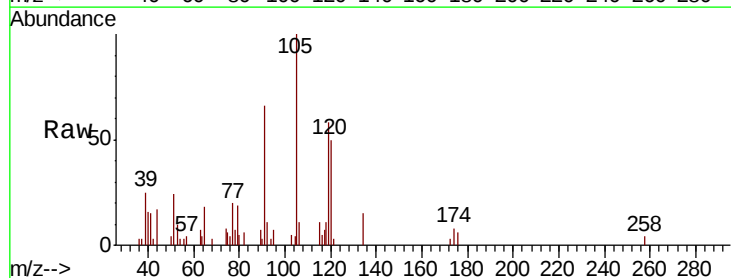
Tgt Ion: 91 Resp: 3976

Ion Ratio Lower Upper

91 100

126 1.8 16.5 24.7#

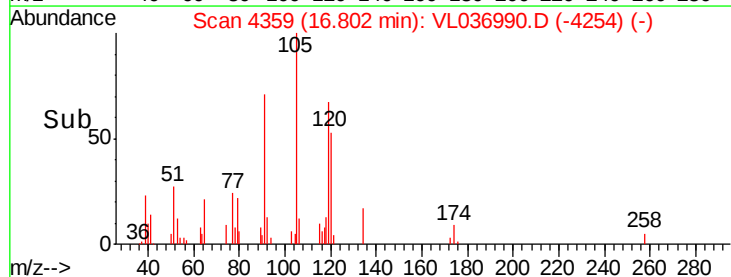
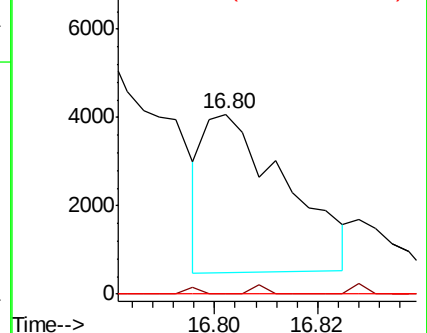
128 0.0 5.5 8.3#

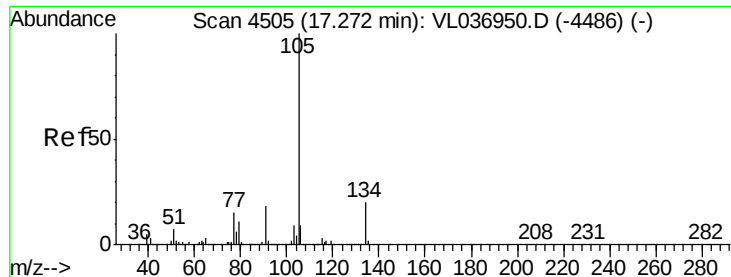


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.413 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

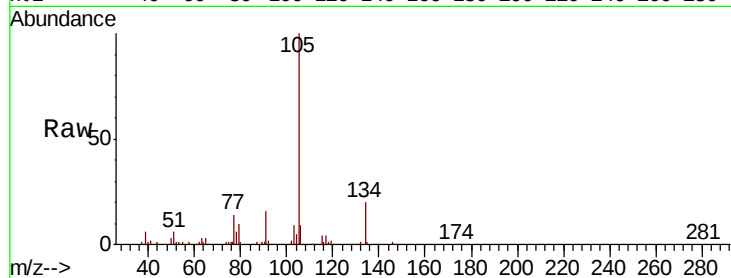
MDL-AIR-03-QT2-2021

Tot Ion:105 Resp: 283555

Ion Ratio Lower Upper

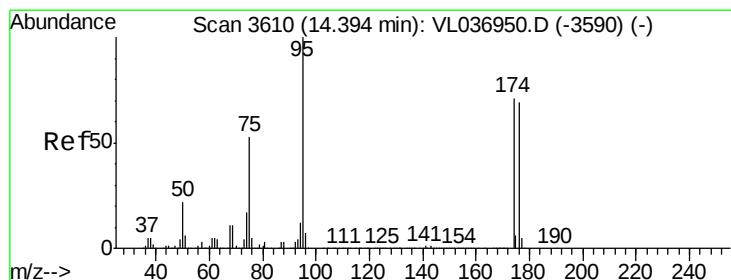
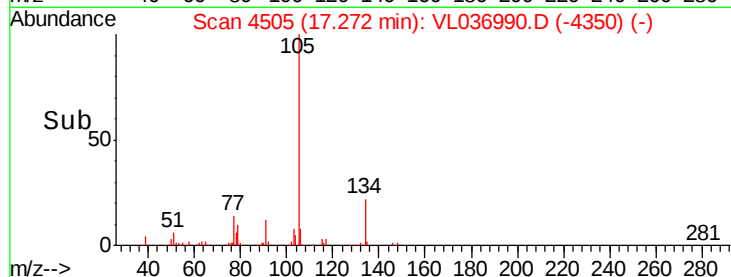
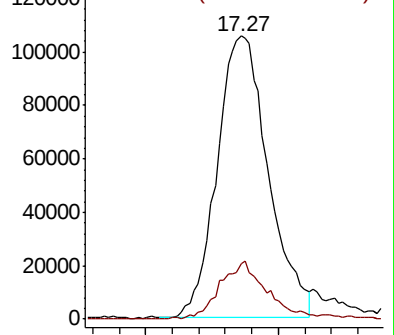
105 100

134 19.7 15.6 23.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.957 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.01 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

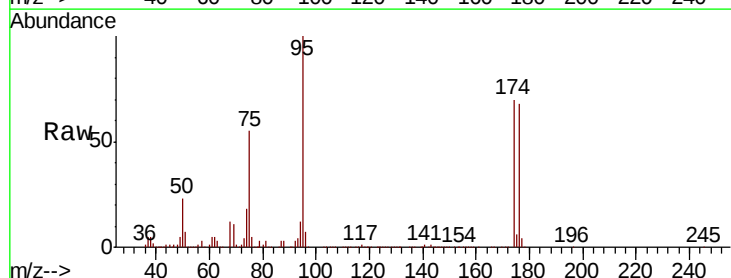
Tgt Ion: 95 Resp: 2608425

Ion Ratio Lower Upper

95 100

174 75.0 58.4 87.6

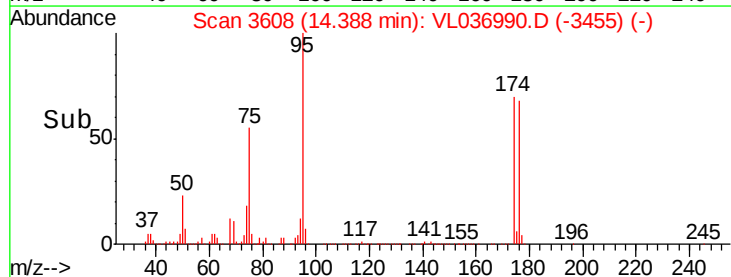
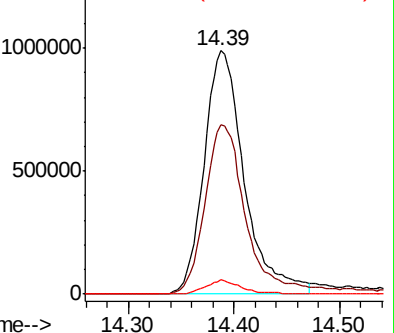
175 5.4 4.4 6.6

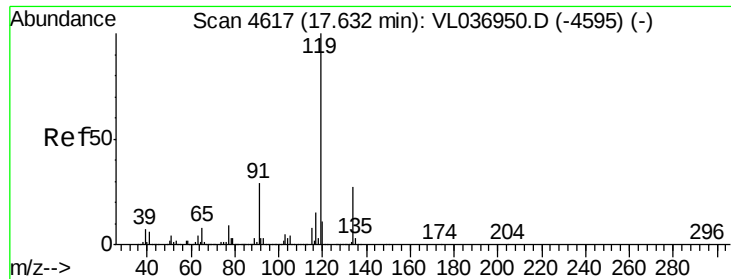


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

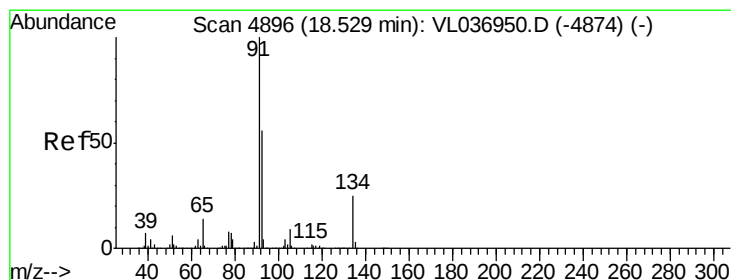
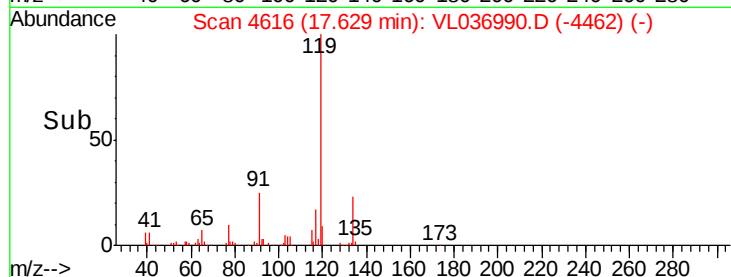
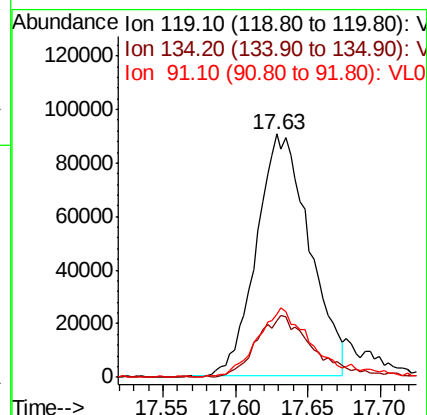
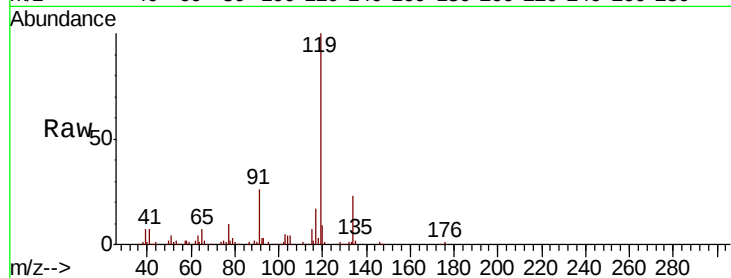




#69
 p-Isopropyltoluene
 Concen: 0.391 ppbv
 RT: 17.63 min Scan# 4616
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

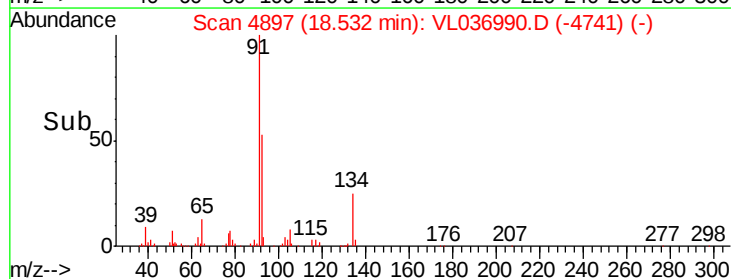
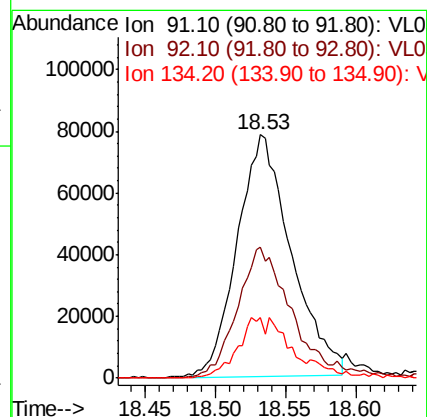
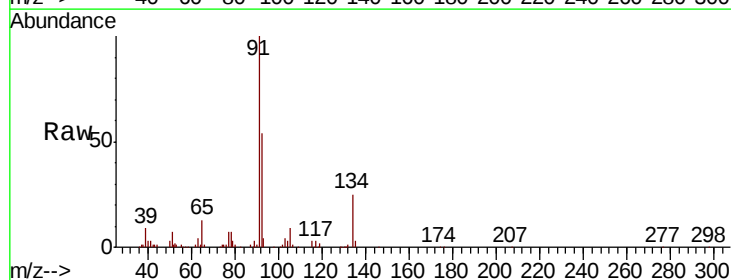
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

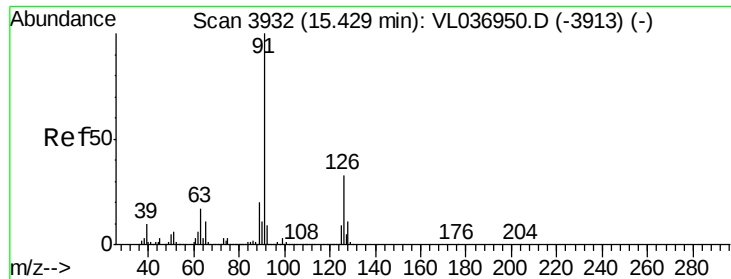
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	21.2	31.8
91	31.2	22.2	33.4



#70
 n-Butylbenzene
 Concen: 0.376 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. 0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	44.6	66.8
134	25.9	20.2	30.2

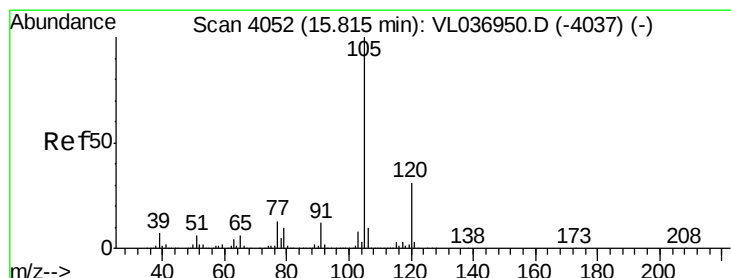
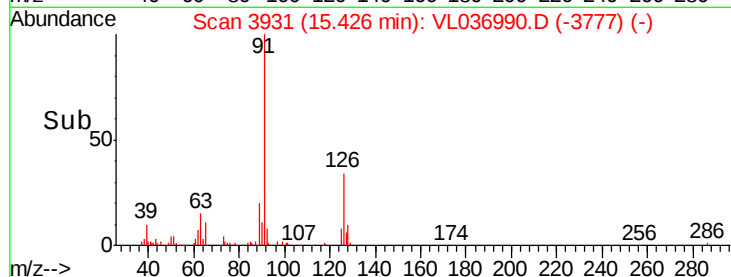
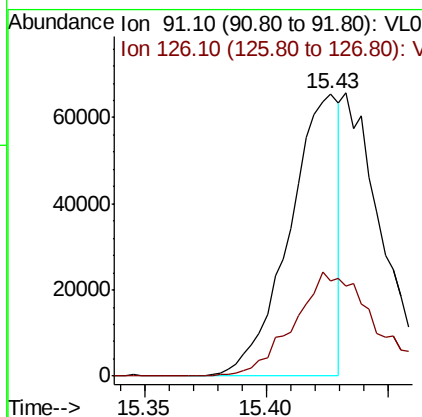
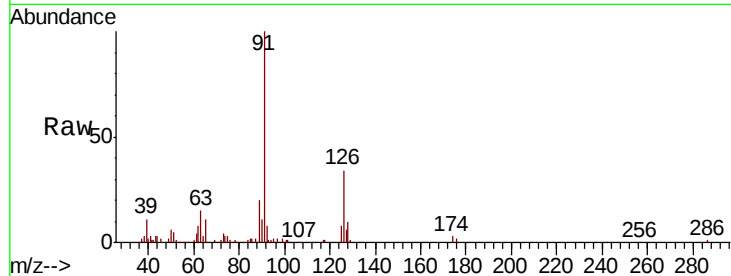




#71
 2-Chlorotoluene
 Concen: 0.230 ppbv
 RT: 15.43 min Scan# 3931
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

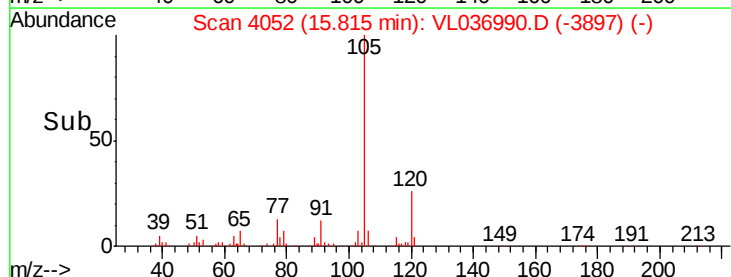
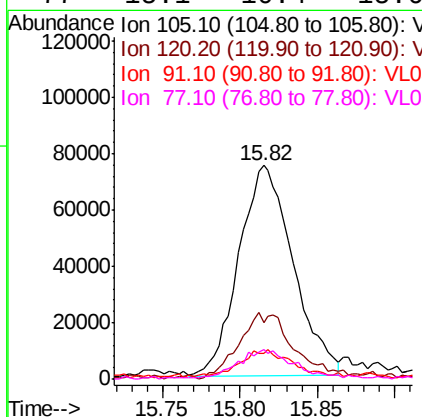
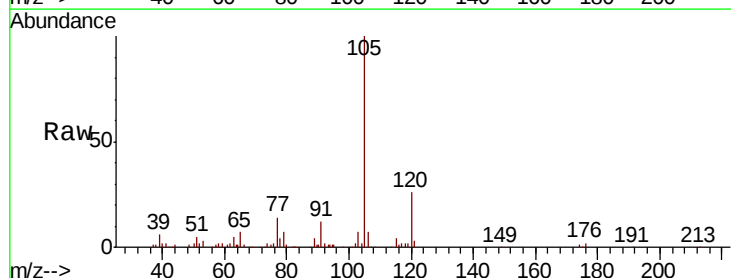
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

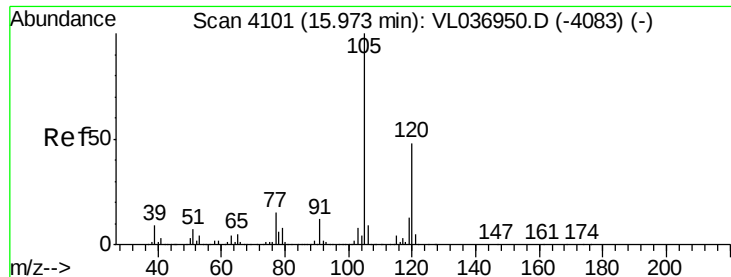
Tot Ion: 91 Resp: 92820
 Ion Ratio Lower Upper
 91 100
 126 64.1 13.1 52.5#



#72
 4-Ethyltoluene
 Concen: 0.394 ppbv
 RT: 15.82 min Scan# 4052
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion:105 Resp: 181627
 Ion Ratio Lower Upper
 105 100
 120 33.1 24.6 37.0
 91 15.6 9.8 14.6#
 77 15.1 10.4 15.6

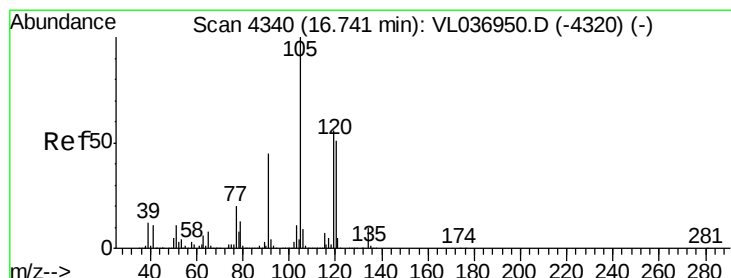
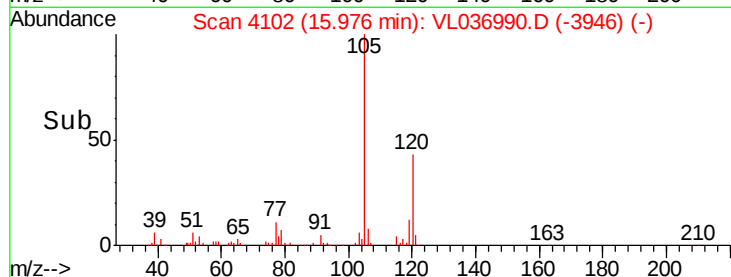
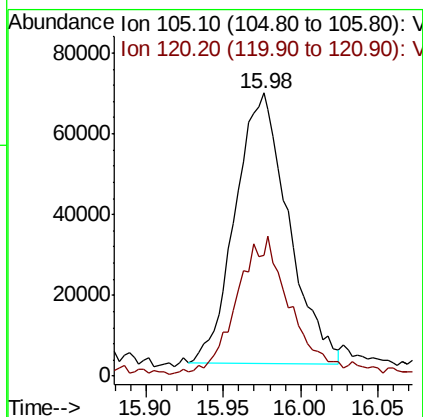
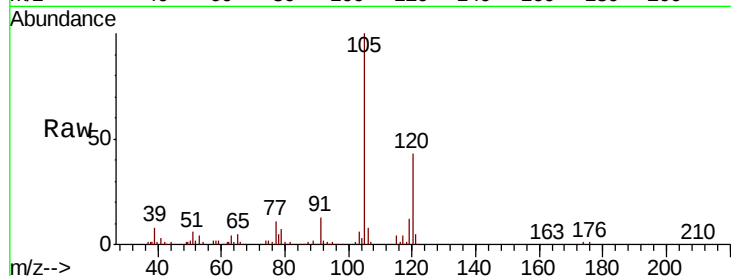




#73
 1,3,5-Trimethylbenzene
 Concen: 0.371 ppbv
 RT: 15.98 min Scan# 4102
 Delta R.T. 0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

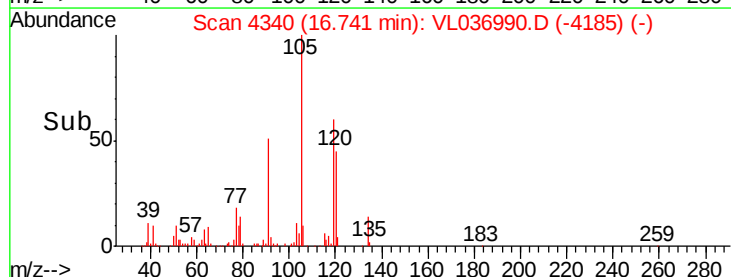
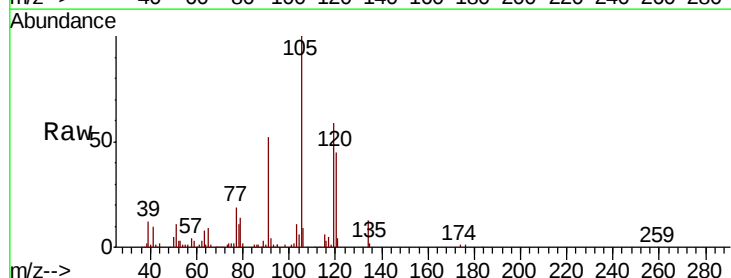
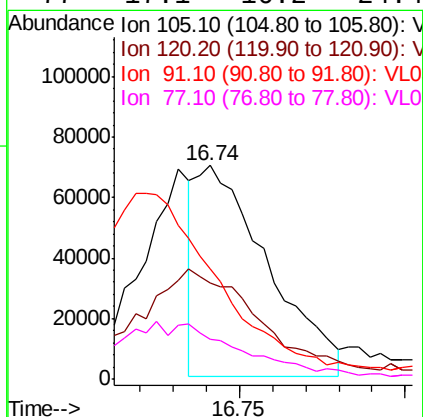
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

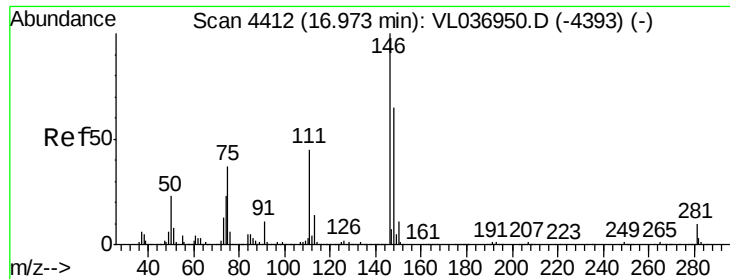
Tot Ion:105 Resp: 160337
 Ion Ratio Lower Upper
 105 100
 120 43.1 38.6 58.0



#74
 1,2,4-Trimethylbenzene
 Concen: 0.234 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion:105 Resp: 104432
 Ion Ratio Lower Upper
 105 100
 120 42.7 40.6 61.0
 91 49.9 37.4 56.0
 77 17.1 16.2 24.4

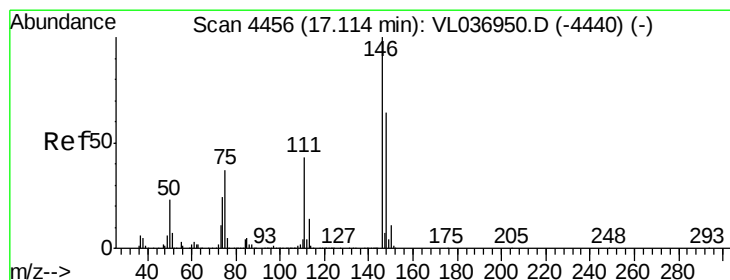
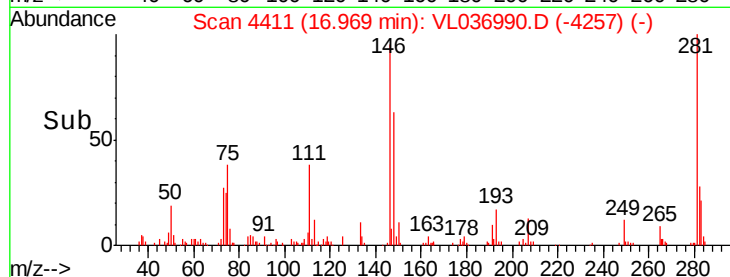
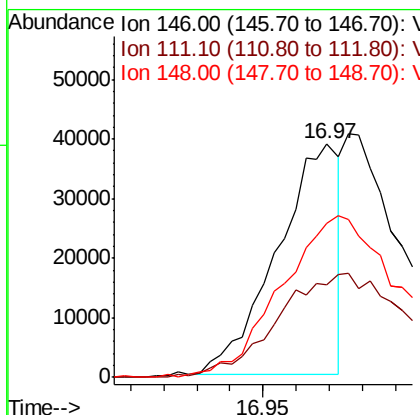
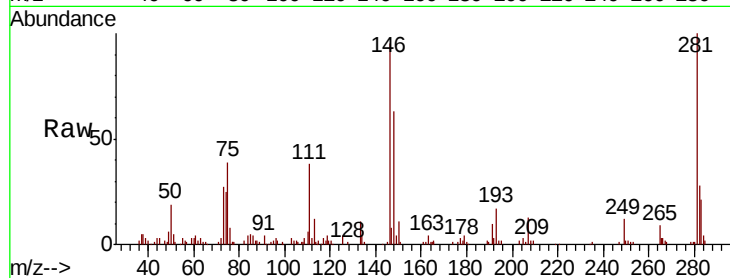




#75
 1,3-Dichlorobenzene
 Concen: 0.186 ppbv
 RT: 16.97 min Scan# 4411
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

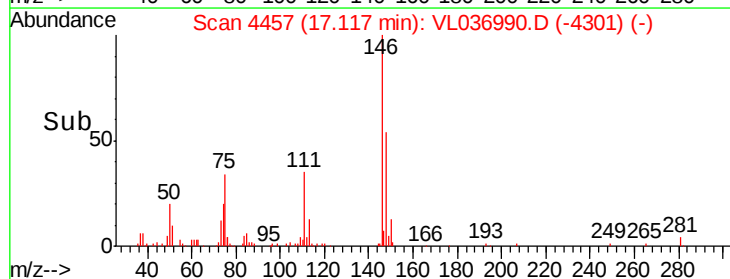
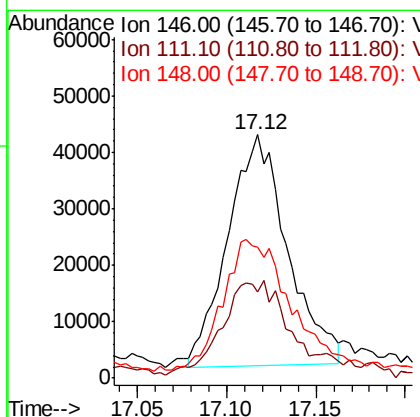
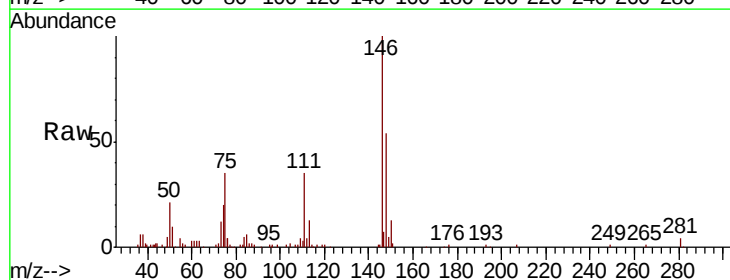
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

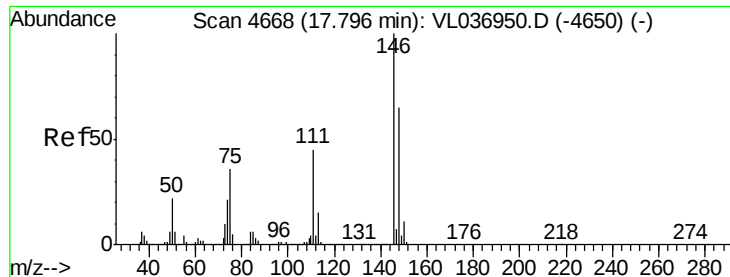
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.2	66.6#
148	0.0	32.3	96.8#



#76
 1,4-Dichlorobenzene
 Concen: 0.347 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. 0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.7	22.6	67.7
148	77.9	33.5	100.5

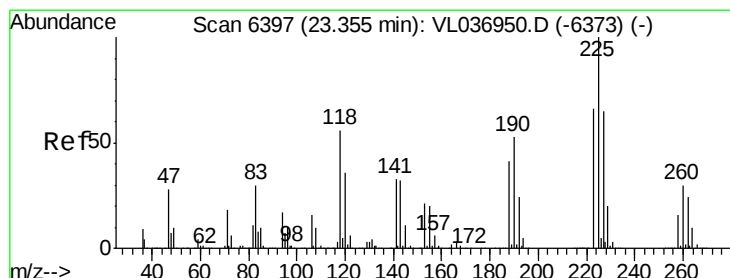
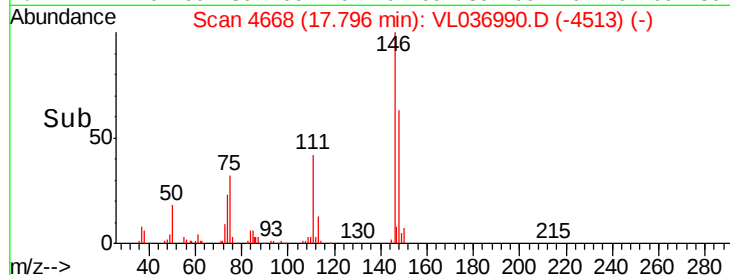
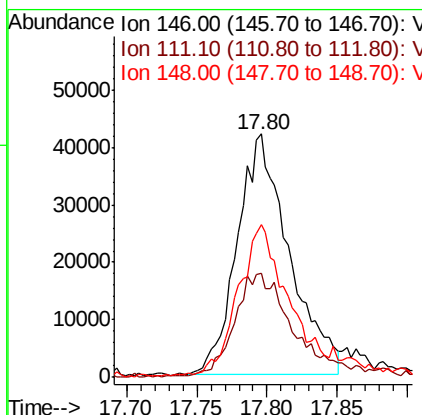
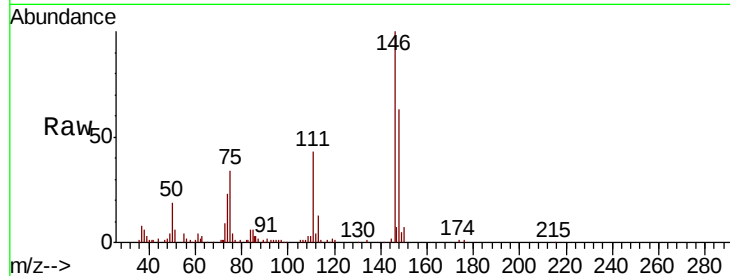




#77
 1,2-Dichlorobenzene
 Concen: 0.393 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

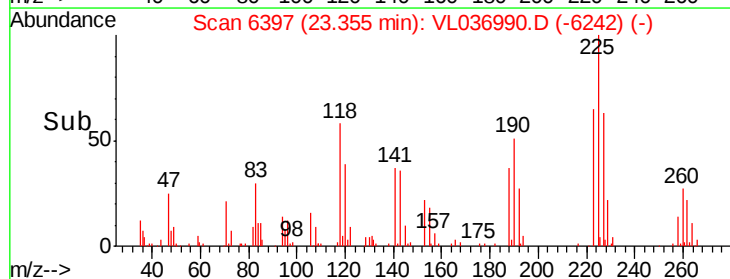
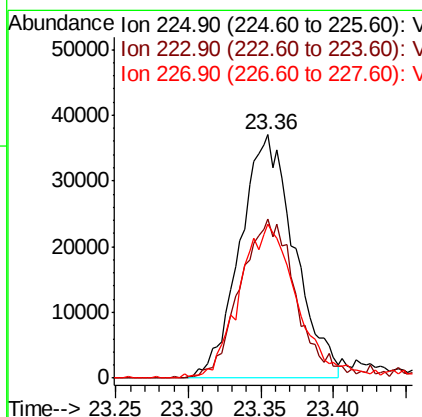
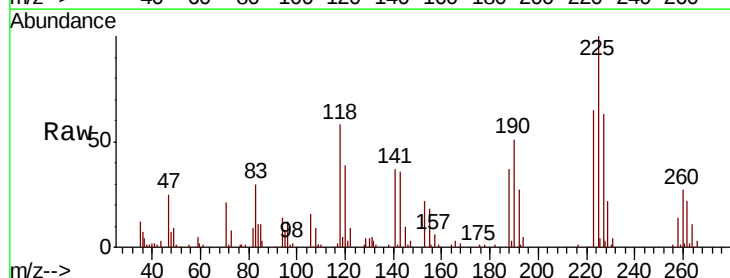
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

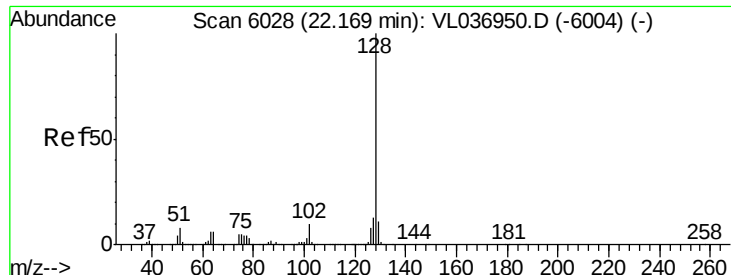
Tot Ion:146 Resp: 107644
 Ion Ratio Lower Upper
 146 100
 111 52.8 23.1 69.2
 148 70.3 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.441 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. -0.00 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

Tgt Ion:225 Resp: 96957
 Ion Ratio Lower Upper
 225 100
 223 68.3 51.9 77.9
 227 68.9 51.8 77.6





#79

Naphthalene

Concen: 0.116 ppbv

RT: 22.17 min Scan# 6029

Delta R.T. 0.00 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

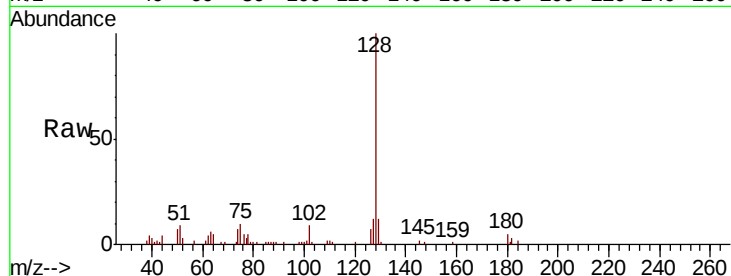
Tot Ion:128 Resp: 40743

Ion Ratio Lower Upper

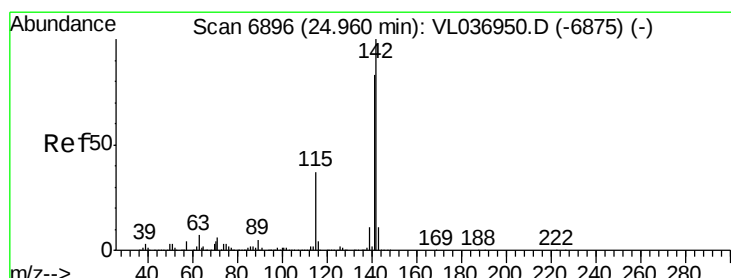
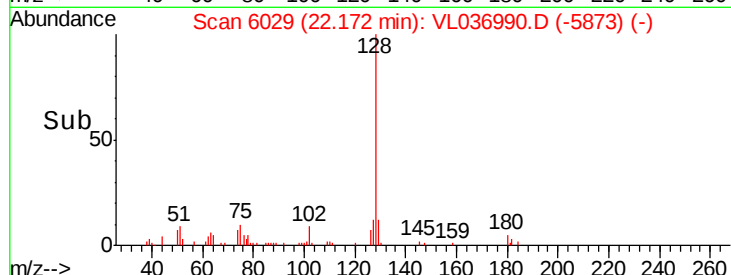
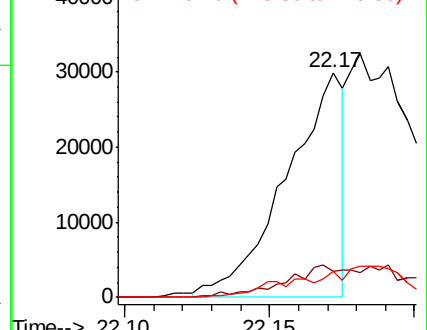
128 100

127 12.0 10.4 15.6

129 11.9 9.0 13.6



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: 0.032 ppbv

RT: 25.22 min Scan# 6976

Delta R.T. 0.26 min

Lab File: VL036990.D

Acq: 19 May 2021 13:37

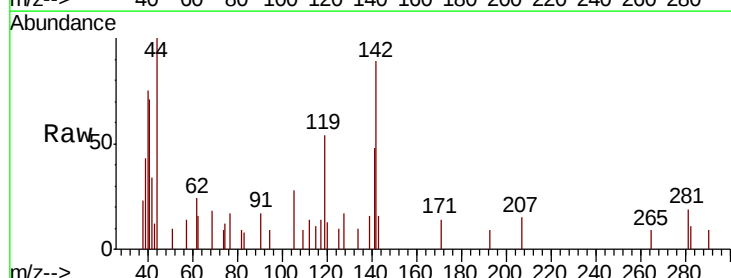
Tgt Ion:142 Resp: 2434

Ion Ratio Lower Upper

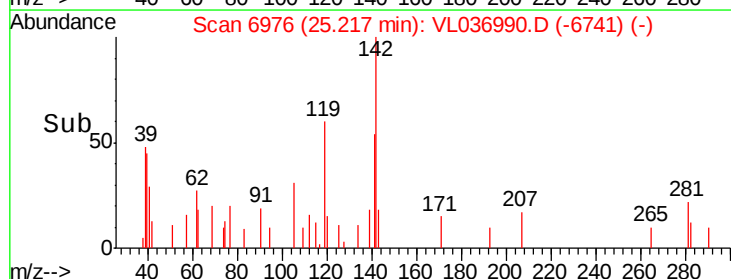
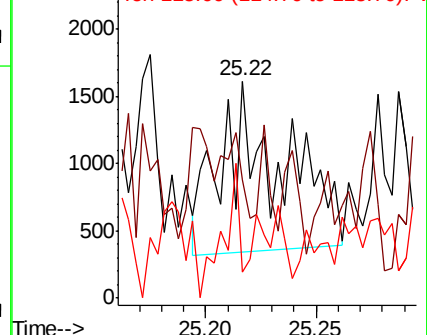
142 100

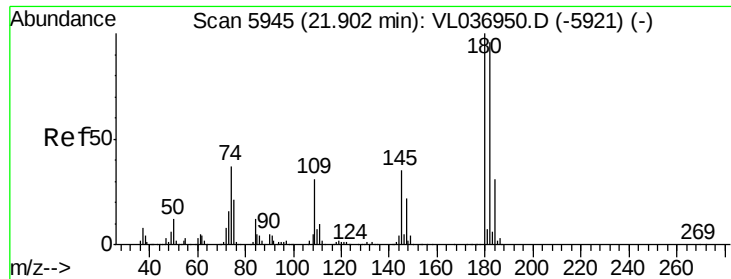
141 78.9 69.3 103.9

115 42.6 29.1 43.7



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: 0.211 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. 0.01 min
 Lab File: VL036990.D
 Acq: 19 May 2021 13:37

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

Tot Ion:180 Resp: 45044
 Ion Ratio Lower Upper
 180 100
 182 153.5 81.7 122.5#
 184 52.0 24.9 37.3#

