

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050721\
 Data File : VL036917.D
 Acq On : 7 May 2021 13:39
 Operator : SY/AP
 Sample : M2262-15 0.1
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 3:34:32 PM

Quant Time: May 08 19:07:30 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 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	1240779	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2955983	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2570066	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2011978	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34223	0.175	ppbv	99
3) Chlorodifluoromethane	2.99	51	35194	0.156	ppbv	94
4) Chloromethane	3.15	50	9774	0.132	ppbv #	66
5) Vinyl Chloride	3.26	62	9197m	0.123	ppbv	
6) Bromomethane	3.48	94	5966m	0.148	ppbv	
7) Chloroethane	3.57	64	4010m	0.163	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	27475	0.154	ppbv	93
9) Propene	3.02	41	10747m	0.156	ppbv	
10) Heptane	8.14	43	12326m	0.071	ppbv	
11) Trichlorofluoromethane	3.96	101	25847m	0.148	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.50	101	16880m	0.145	ppbv	
14) Bromoethene	3.75	108	4902	0.103	ppbv #	56
15) Acetone	3.90	43	33172m	0.284	ppbv	
16) 1,3-Butadiene	3.34	39	11164m	0.149	ppbv	
17) tert-Butyl alcohol	4.37	59	13206m	0.139	ppbv	
18) 1,1-Dichloroethene	4.30	96	7848m	0.155	ppbv	
19) Isopropyl Alcohol	4.02	45	7936m	0.137	ppbv	
20) Methylene Chloride	4.35	84	15565m	0.278	ppbv	
21) Allvl Chloride	4.42	41	12910m	0.149	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	7669m	0.151	ppbv	
23) Vinyl Acetate	5.11	43	18256m	0.115	ppbv	
24) 1,1-Dichloroethane	5.02	63	18592m	0.165	ppbv	
25) Ethyl Acetate	5.72	43	28366m	0.099	ppbv	
26) Hexane	5.70	57	14482m	0.108	ppbv	
27) Carbon Disulfide	4.56	76	12234m	0.105	ppbv	
28) Methyl tert-Butyl Ether	5.08	73	14481m	0.122	ppbv	
29) Chloroform	5.76	83	28681m	0.138	ppbv	
30) Cyclohexane	7.17	84	10861m	0.102	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	11020m	0.092	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	29147m	0.138	ppbv	
34) 2-Butanone	5.21	43	16317m	0.126	ppbv	
35) Carbon Tetrachloride	7.02	117	27419m	0.137	ppbv	
36) Benzene	6.90	78	21418m	0.086	ppbv	
37) 1,2-Dichloroethane	6.32	62	16181m	0.115	ppbv	
38) Trichloroethene	7.84	130	10259m	0.116	ppbv	
39) 1,2-Dichloropropane	7.62	63	12602m	0.126	ppbv	
40) 1,4-Dioxane	7.84	88	738m	0.031	ppbv	
42) Bromodichloromethane	7.80	83	21035	0.107	ppbv #	83
43) Methyl Methacrylate	8.04	69	4978m	0.061	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	28669m	0.067	ppbv	
45) t-1,3-Dichloropropene	9.29	75	6861m	0.078	ppbv	

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Manual Integrations
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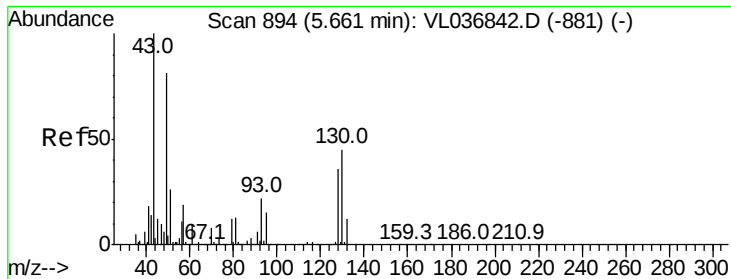
MMDadoda
 5/10/2021 3:34:32 PM

Quant Time: May 08 19:07:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Apr 2
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

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

46) cis-1,3-Dichloropropene	8.72	75	8743m	0.078	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	14208m	0.138	ppbv	
48) Dibromochloromethane	10.31	129	15526m	0.101	ppbv	
49) Bromoform	13.05	173	12598m	0.103	ppbv	
50) 4-Methyl-2-Pentanone	8.80	43	10355m	0.059	ppbv	
51) 2-Hexanone	10.20	43	4535m	0.051	ppbv	
52) Tetrachloroethene	11.23	164	8449m	0.100	ppbv	
53) Toluene	9.82	91	16414m	0.063	ppbv	
54) 1,2-Dibromoethane	10.62	107	14987m	0.103	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	17123m	0.159	ppbv	
57) Chlorobenzene	12.16	112	28080m	0.140	ppbv	
58) Ethyl Benzene	12.73	91	20875m	0.064	ppbv	
59) m/p-Xylene	12.98	91	34329m	0.118	ppbv	
60) o-Xylene	13.71	91	17678m	0.063	ppbv	
61) Styrene	13.54	104	7678m	0.058	ppbv	
62) Isopropylbenzene	14.68	105	31106m	0.081	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.70	83	28570m	0.127	ppbv	
64) n-propylbenzene	15.57	120	4297m	0.045	ppbv	
65) tert-Butylbenzene	16.76	119	19546m	0.058	ppbv	
67) sec-Butylbenzene	17.30	105	29251m	0.062	ppbv	
69) p-Isopropyltoluene	17.65	119	19078m	0.051	ppbv	
70) n-Butylbenzene	18.56	91	19575m	0.051	ppbv	
71) 2-Chlorotoluene	15.46	91	20361m	0.072	ppbv	
72) 4-Ethyltoluene	15.85	105	16779m	0.055	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	16637m	0.057	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	17574m	0.056	ppbv	
75) 1,3-Dichlorobenzene	17.02	146	18390m	0.100	ppbv	
76) 1,4-Dichlorobenzene	17.15	146	16898m	0.094	ppbv	
77) 1,2-Dichlorobenzene	17.83	146	16151m	0.090	ppbv	
78) Hexachloro-1,3-Butadiene	23.39	225	22910m	0.150	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	5885m	0.052	ppbv	

(#) = 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: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

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MDL-AIR-03-QT2-2021

Tot Ion: 49 Resp: 1240779

Ion Ratio Lower Upper

49 100

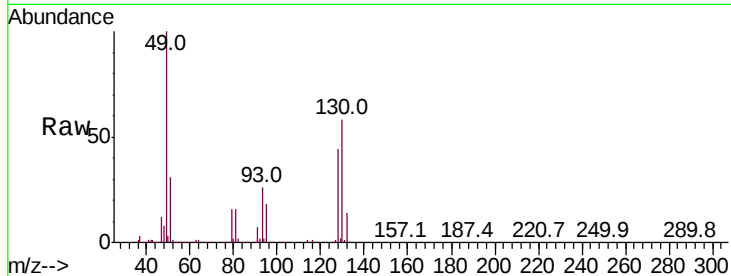
128 47.9 24.4 73.2

130 60.7 30.3 90.8

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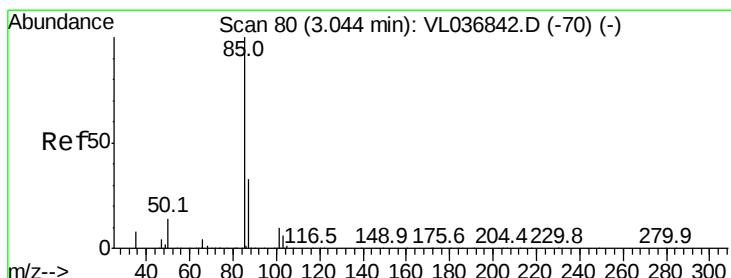
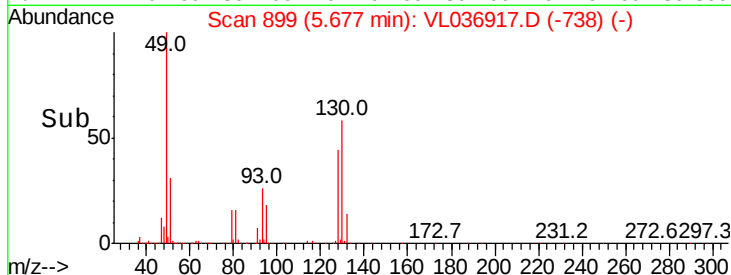
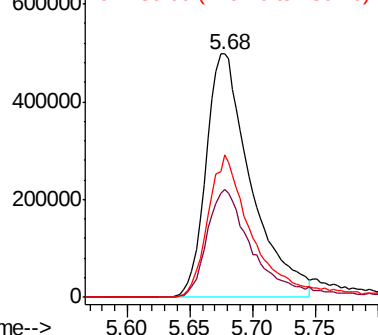
5/10/2021 3:34:32 PM



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: 0.175 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036917.D

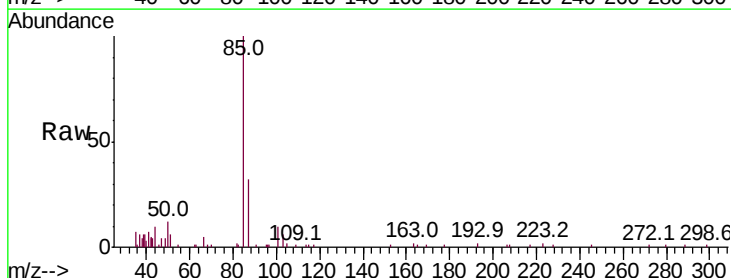
Acq: 7 May 2021 13:39

Tgt Ion: 85 Resp: 34223

Ion Ratio Lower Upper

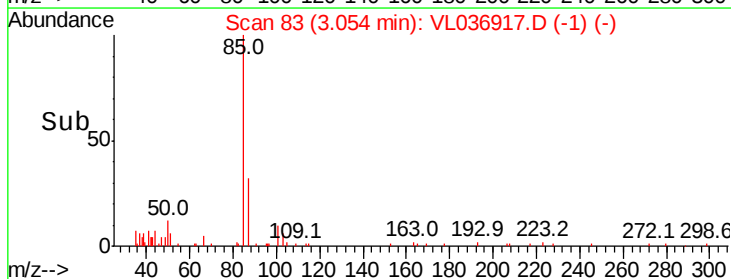
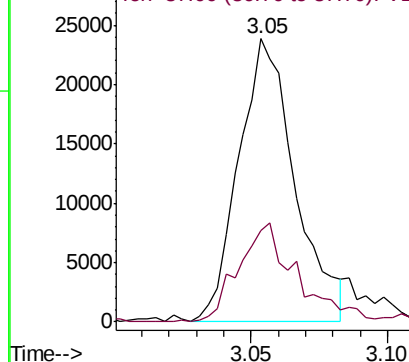
85 100

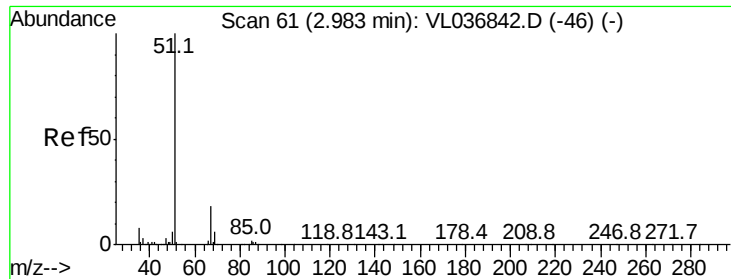
87 32.1 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





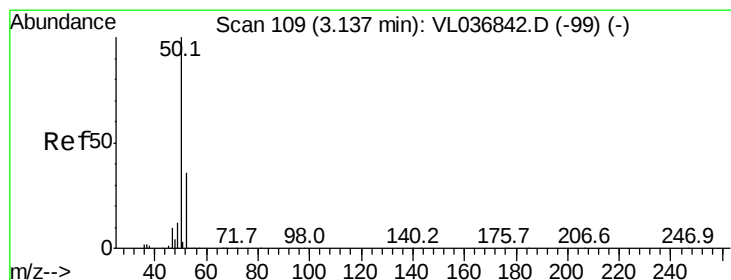
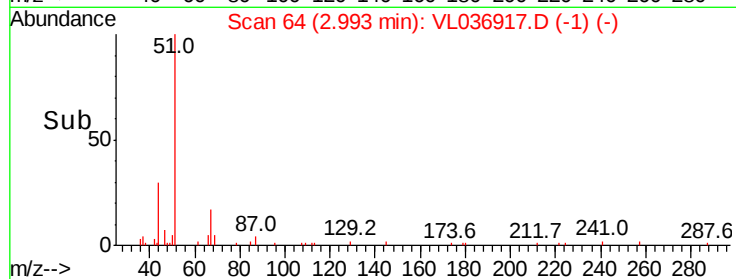
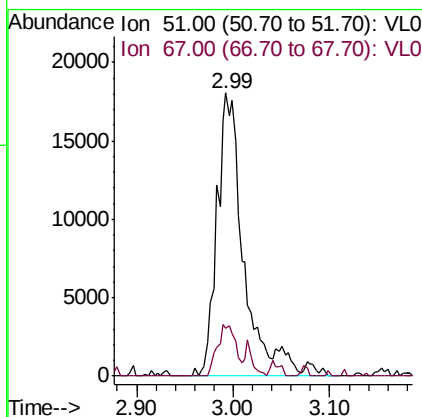
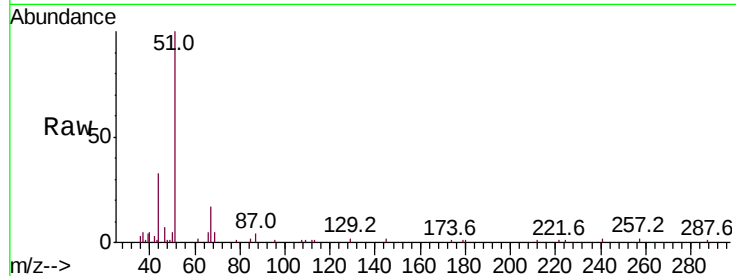
#3
Chlorodifluoromethane
Concen: 0.156 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion: 51 Resp: 35194
Ion Ratio Lower Upper
51 100
67 15.7 14.8 22.2

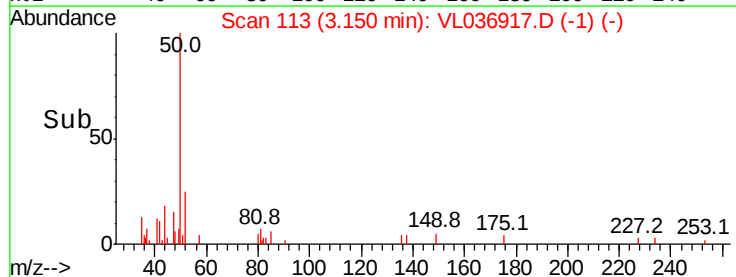
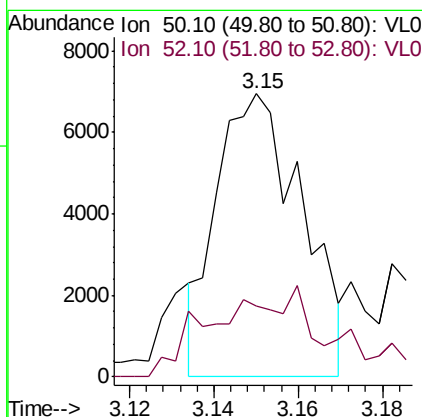
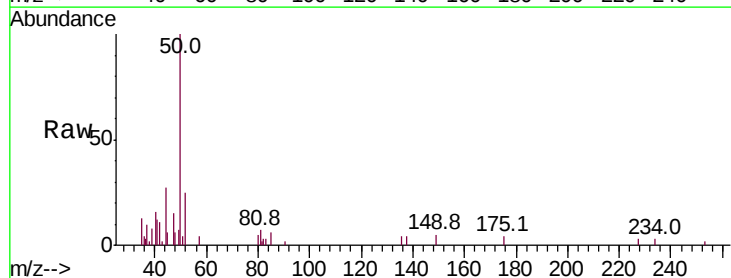
Manual Integrations
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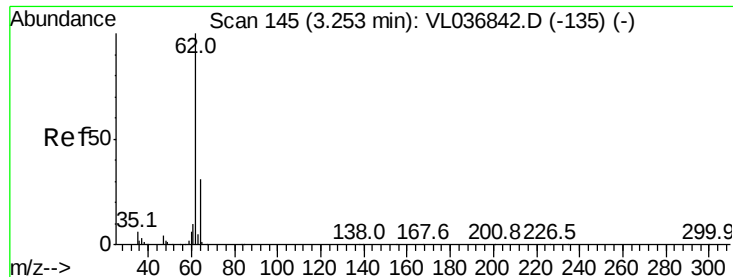
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#4
Chloromethane
Concen: 0.132 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion: 50 Resp: 9774
Ion Ratio Lower Upper
50 100
52 15.8 28.5 42.7#





#5

Vinyl Chloride

Concen: 0.123 ppbv m

RT: 3.26 min Scan# 147

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 62 Resp: 9197

Ion Ratio Lower Upper

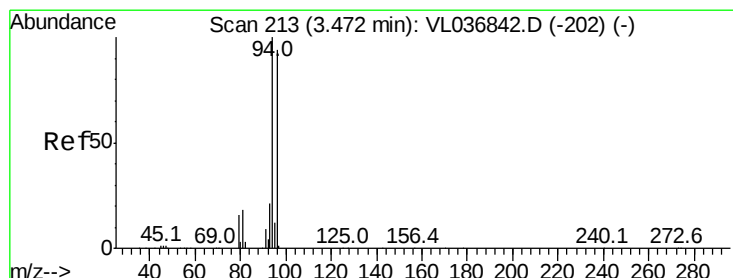
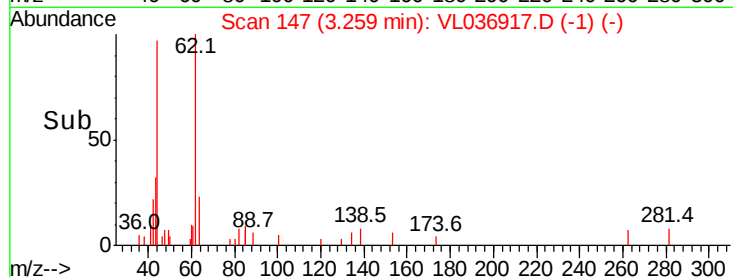
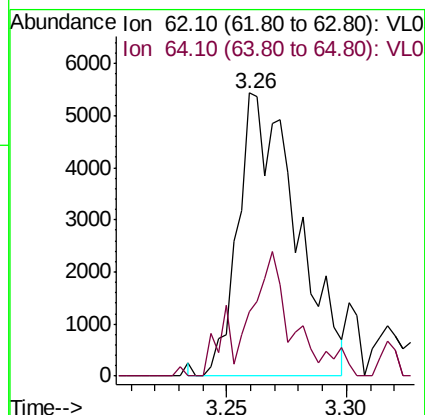
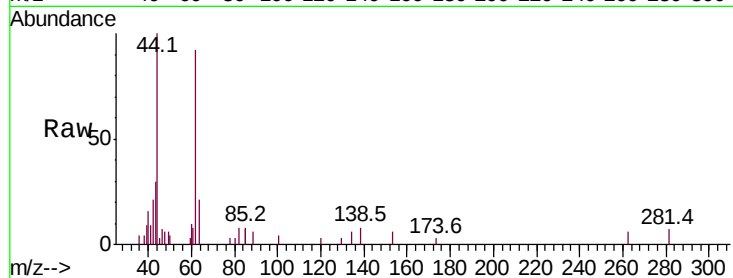
62 100

64 22.6 25.0 37.4#

Manual Integrations
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5/10/2021 3:34:32 PM



#6

Bromomethane

Concen: 0.148 ppbv m

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL036917.D

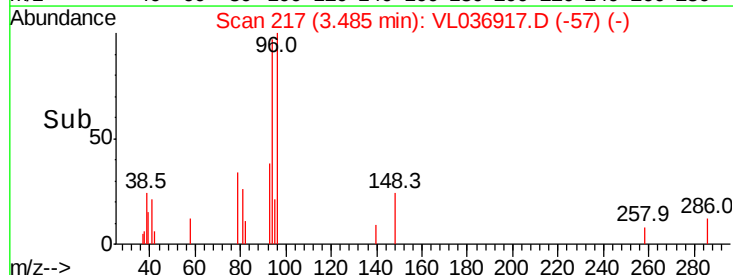
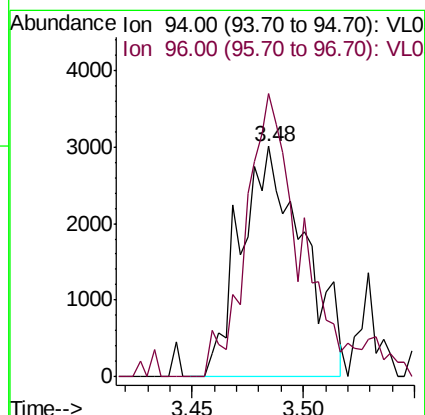
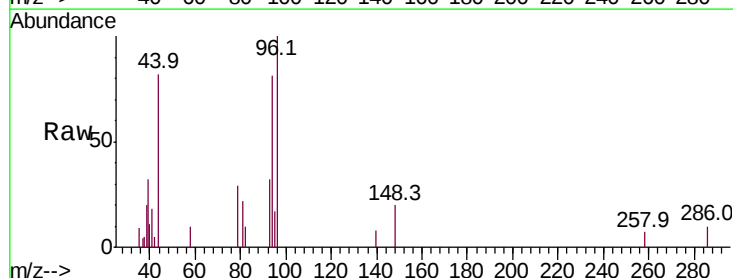
Acq: 7 May 2021 13:39

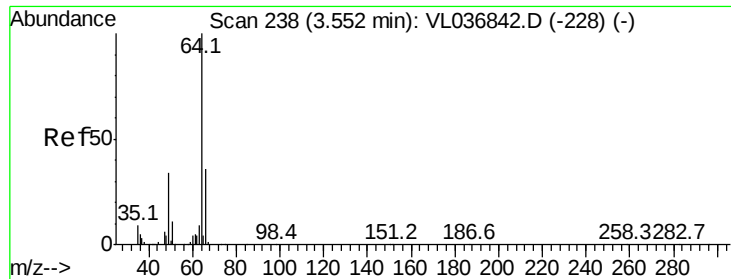
Tgt Ion: 94 Resp: 5966

Ion Ratio Lower Upper

94 100

96 122.9 75.4 113.0#





#7

Chloroethane

Concen: 0.163 ppbv m

RT: 3.57 min Scan# 243

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 64 Resp: 4010

Ion Ratio Lower Upper

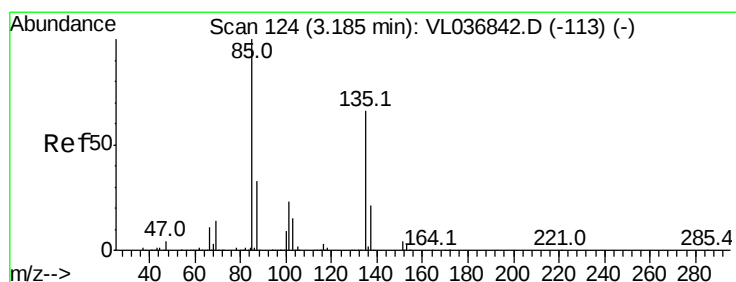
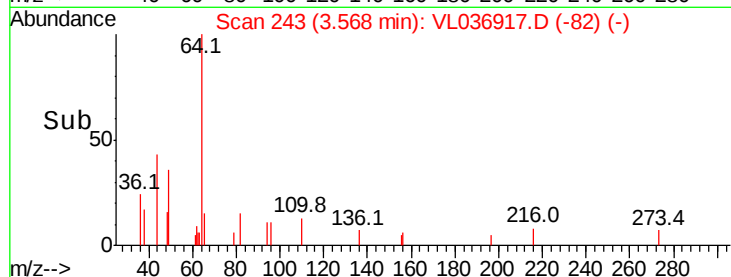
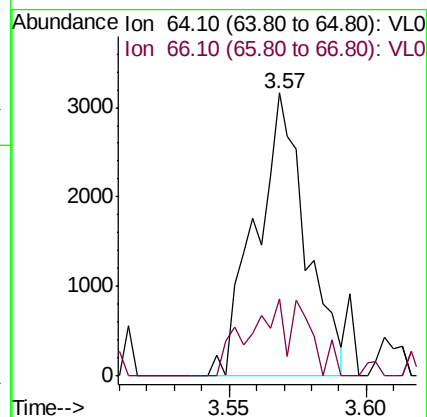
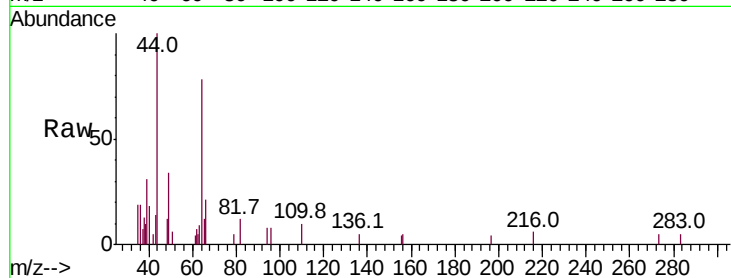
64 100

66 27.4 29.0 43.6#

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5/10/2021 3:34:32 PM



#8

Dichlorotetrafluoroethane

Concen: 0.154 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036917.D

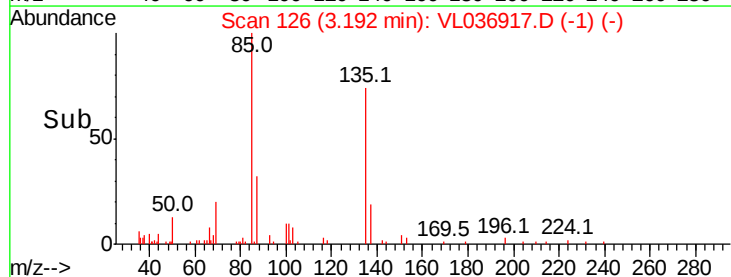
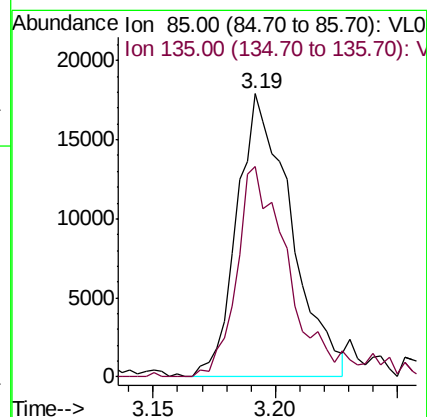
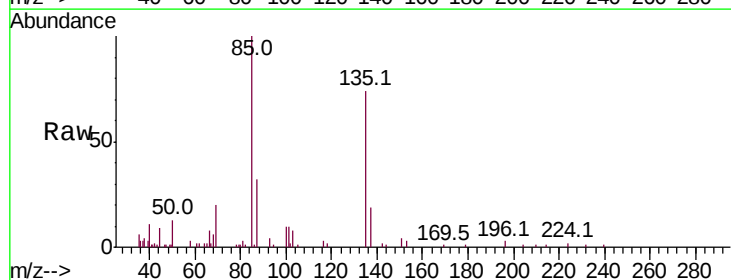
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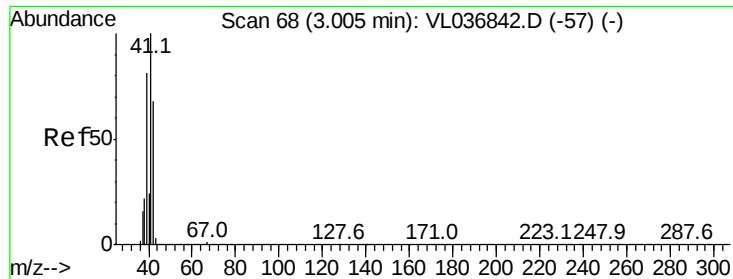
Tgt Ion: 85 Resp: 27475

Ion Ratio Lower Upper

85 100

135 75.7 56.2 84.4





#9

Propene

Concen: 0.156 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 41 Resp: 10747

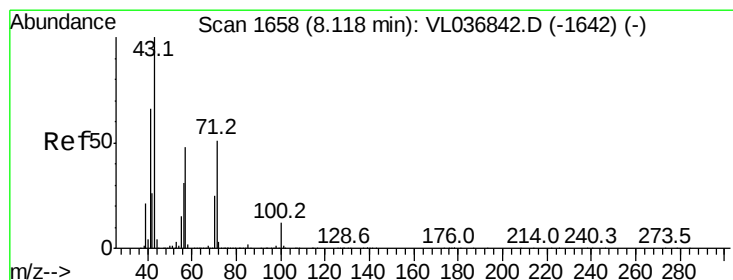
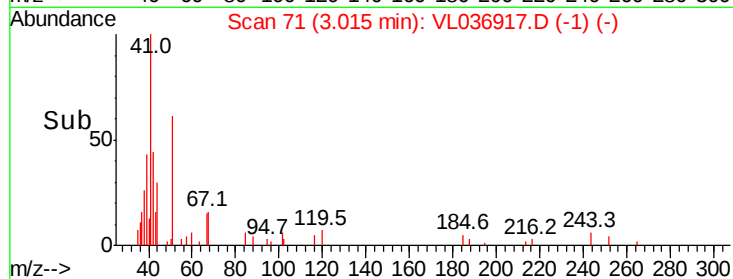
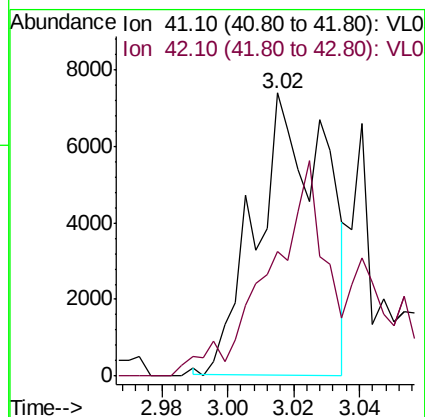
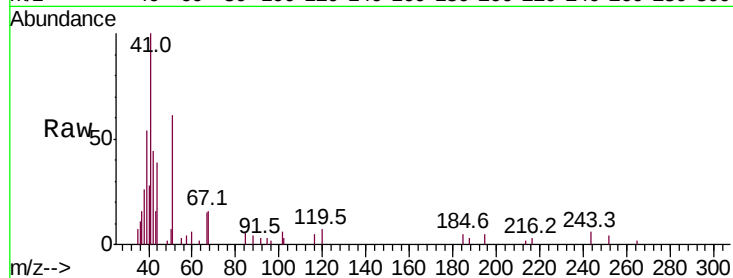
Ion Ratio Lower Upper

41 100

42 0.0 56.0 84.0#

Manual Integrations
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#10

Heptane

Concen: 0.071 ppbv m

RT: 8.14 min Scan# 1664

Delta R.T. 0.02 min

Lab File: VL036917.D

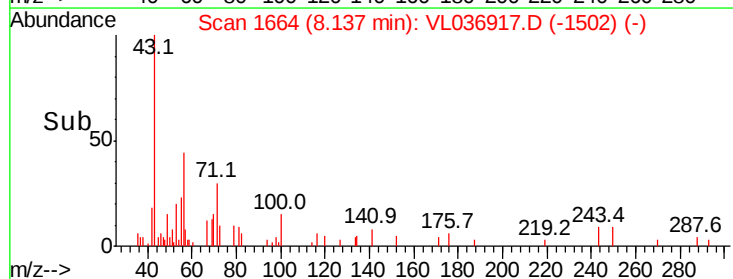
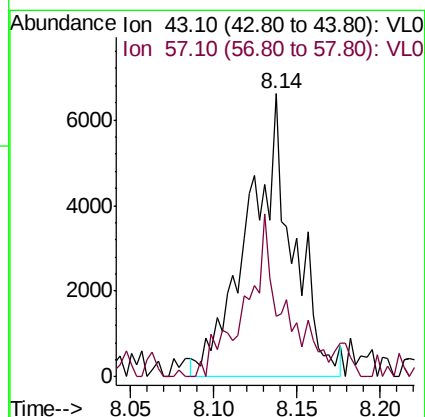
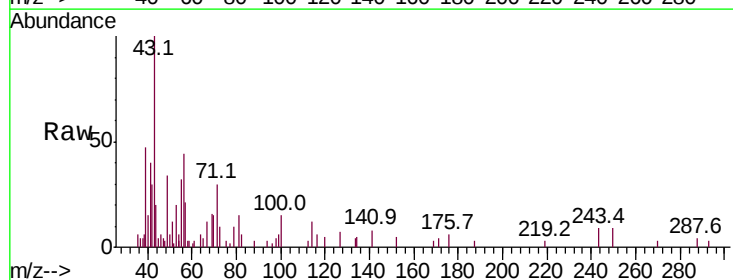
Acq: 7 May 2021 13:39

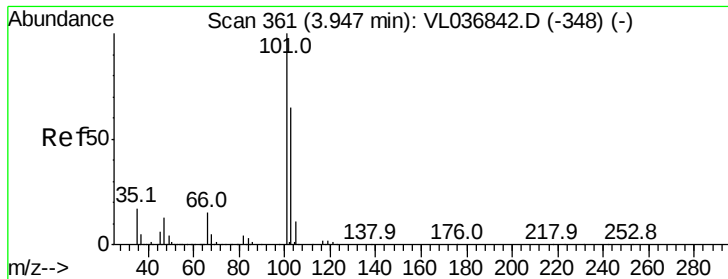
Tgt Ion: 43 Resp: 12326

Ion Ratio Lower Upper

43 100

57 56.0 38.8 58.2





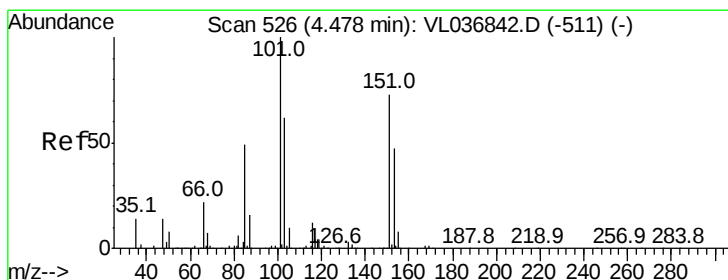
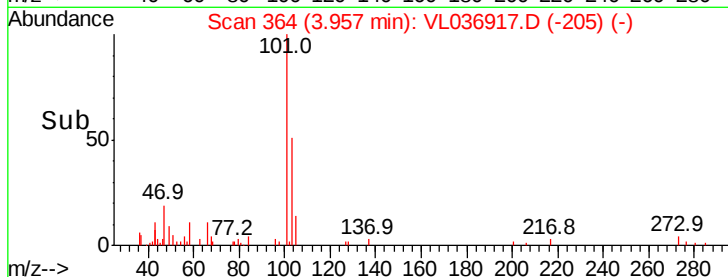
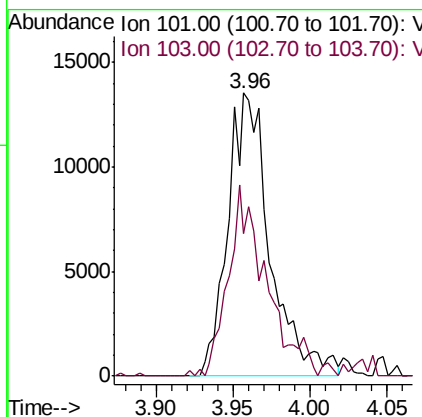
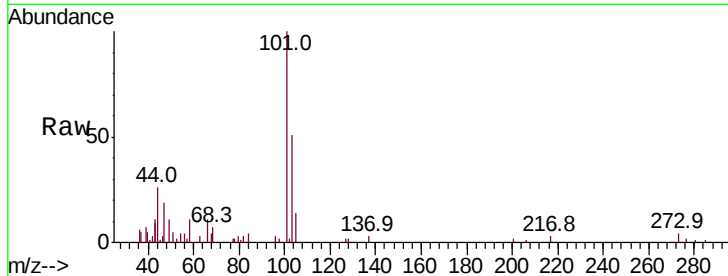
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 Trichlorofluoromethane
 Concen: 0.148 ppbv m
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion:101 Resp: 25847
 Ion Ratio Lower Upper
 101 100
 103 50.6 51.6 77.4#

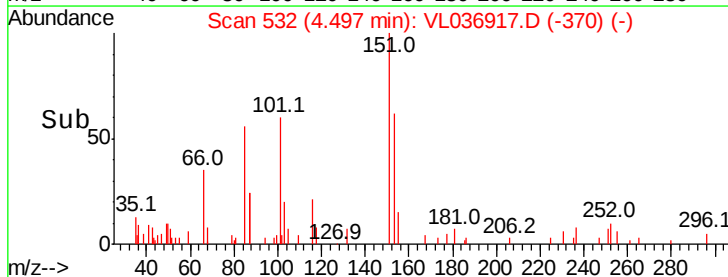
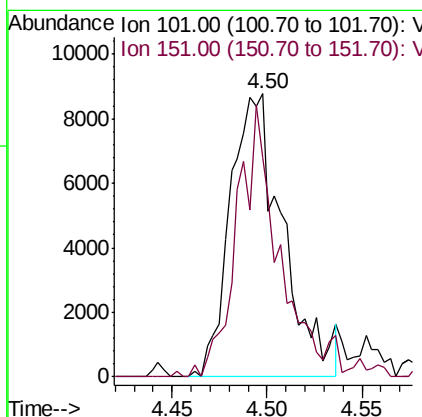
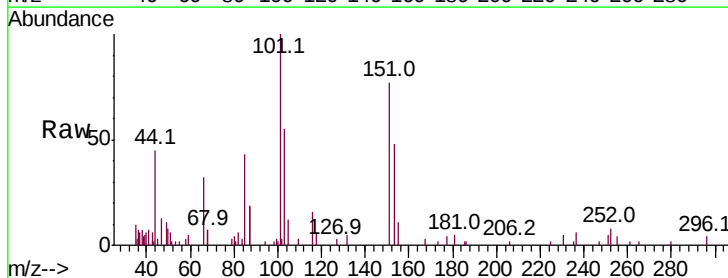
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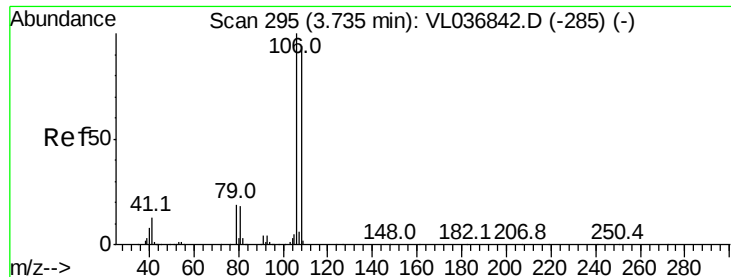
MMDadoda
 5/10/2021 3:34:32 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.145 ppbv m
 RT: 4.50 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion:101 Resp: 16880
 Ion Ratio Lower Upper
 101 100
 151 77.2 61.1 91.7





#14

Bromoethene

Concen: 0.103 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

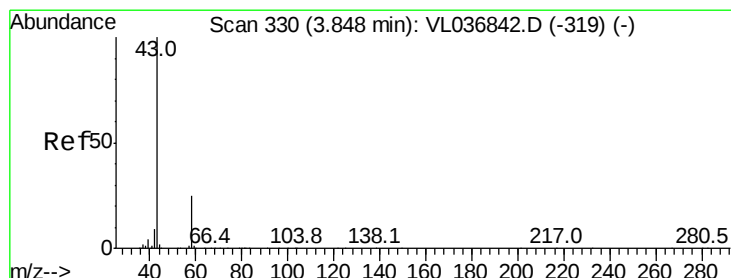
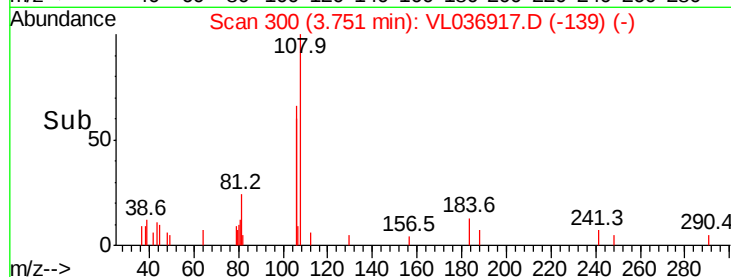
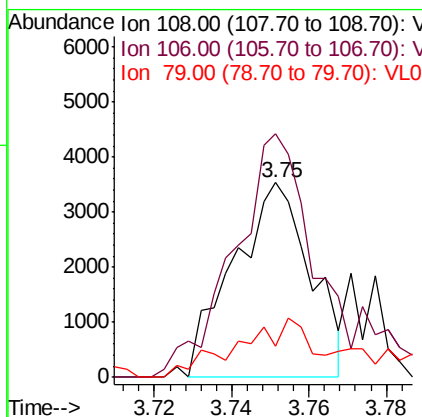
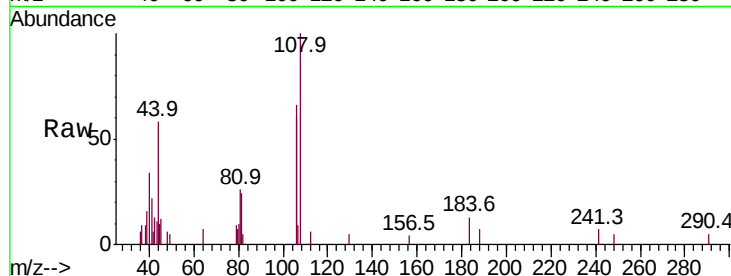
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	108	Resp:	4902
Ion Ratio	Lower	Upper	
108	100		
106	156.2	88.5	132.7#
79	46.3	17.9	26.9#

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#15

Acetone

Concen: 0.284 ppbv m

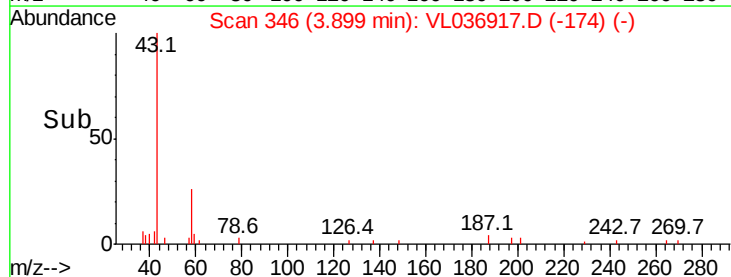
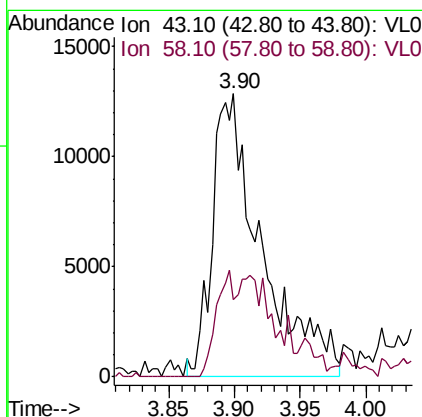
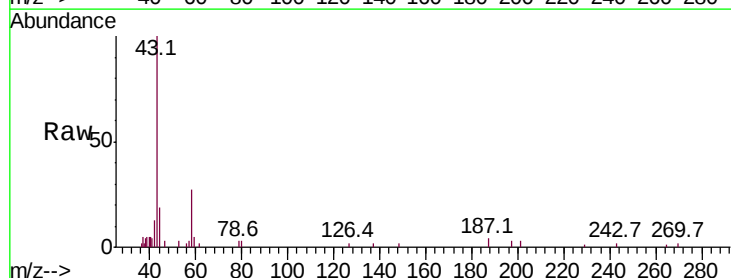
RT: 3.90 min Scan# 346

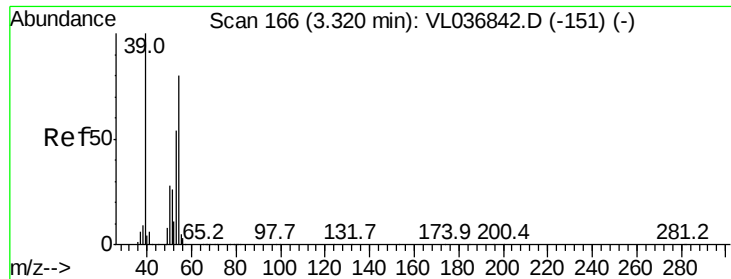
Delta R.T. 0.05 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	43	Resp:	33172
Ion Ratio	Lower	Upper	
43	100		
58	0.0	21.7	32.5#





#16

1,3-Butadiene

Concen: 0.149 ppbv m

RT: 3.34 min Scan# 172

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 39 Resp: 11164

Ion Ratio Lower Upper

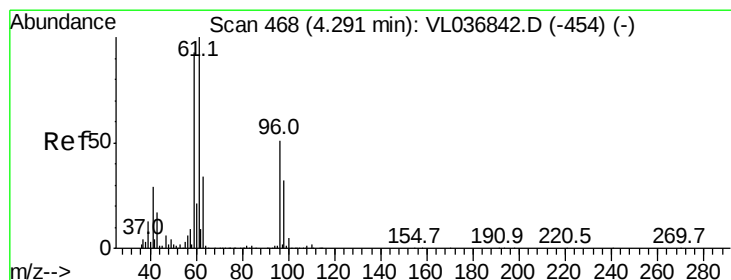
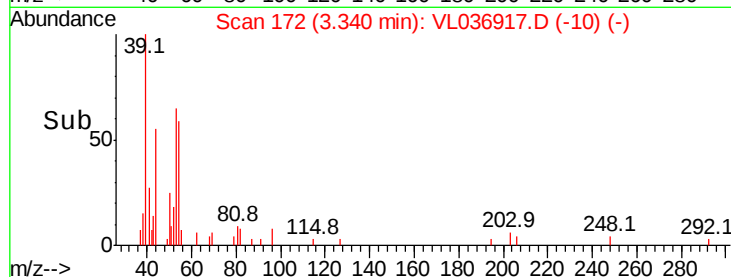
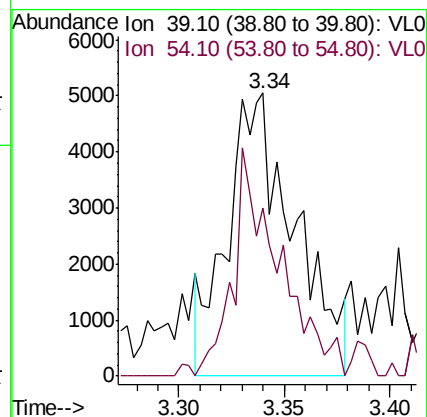
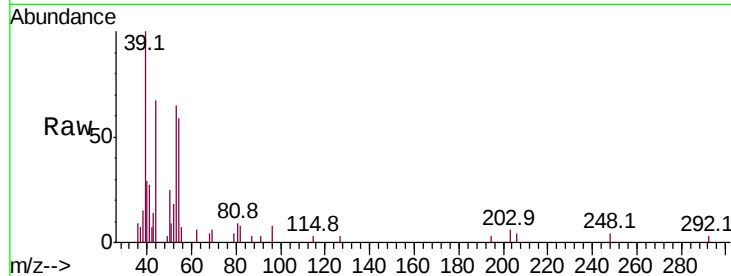
39 100

54 55.0 59.6 89.4#

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#17

tert-Butyl alcohol

Concen: 0.139 ppbv m

RT: 4.37 min Scan# 492

Delta R.T. 0.08 min

Lab File: VL036917.D

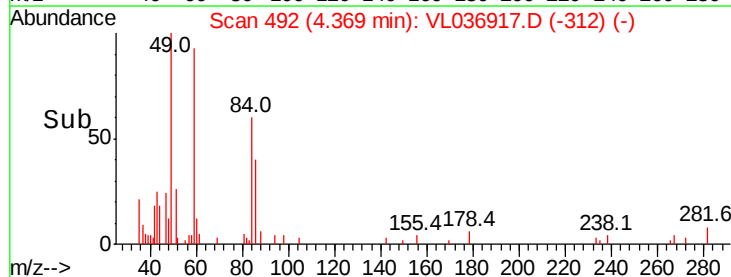
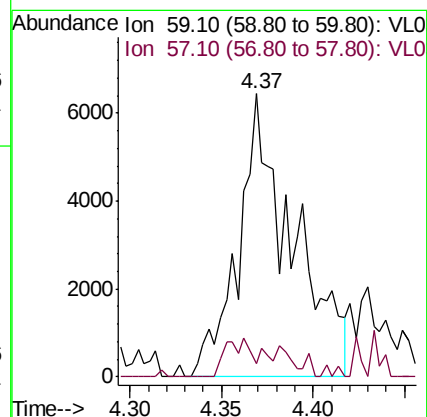
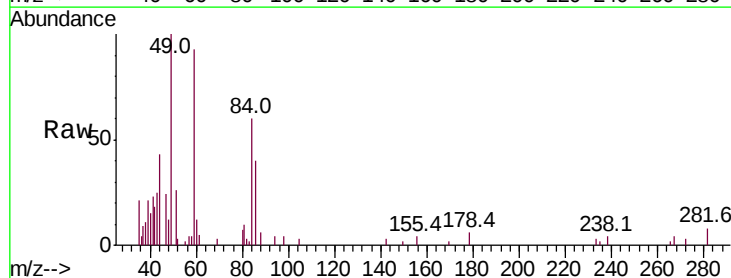
Acq: 7 May 2021 13:39

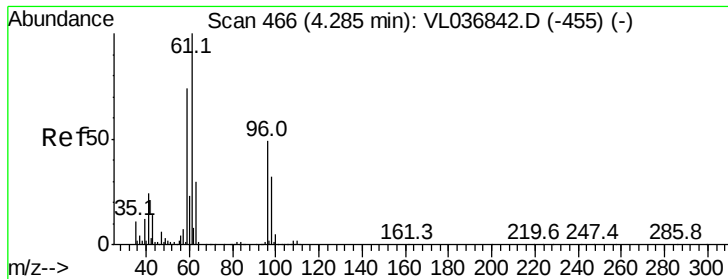
Tgt Ion: 59 Resp: 13206

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#18

1,1-Dichloroethene

Concen: 0.155 ppbv m

RT: 4.30 min Scan# 472

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

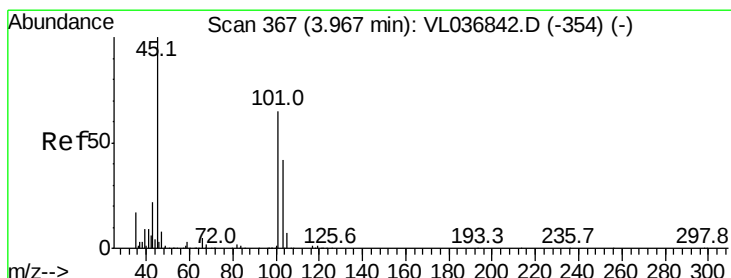
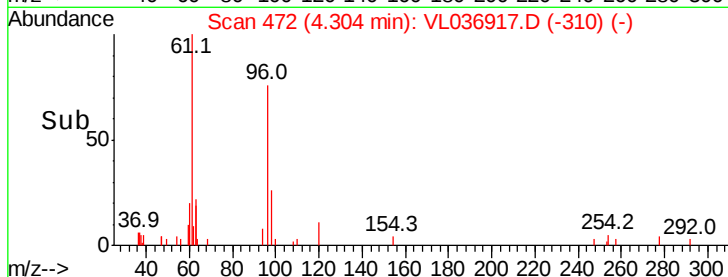
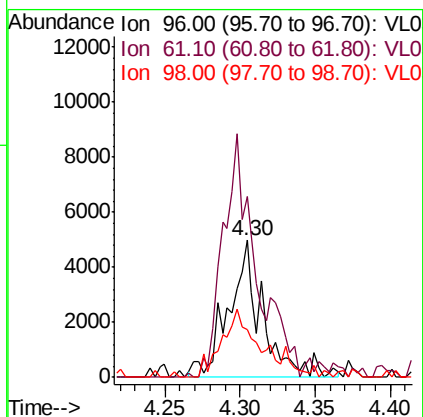
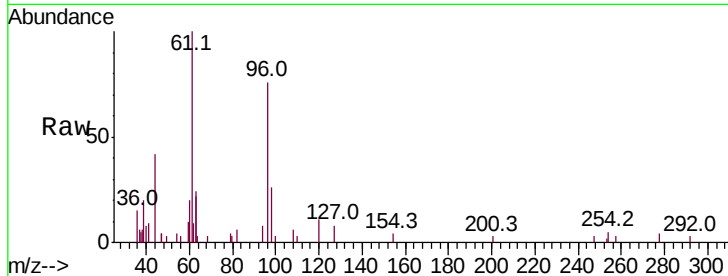
Instrument :
MSVOA_L

ClientSampleId :
MDL-AIR-03-QT2-2021

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	162.2	243.2#
98	34.8	51.8	77.6#

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#19

Isopropyl Alcohol

Concen: 0.137 ppbv m

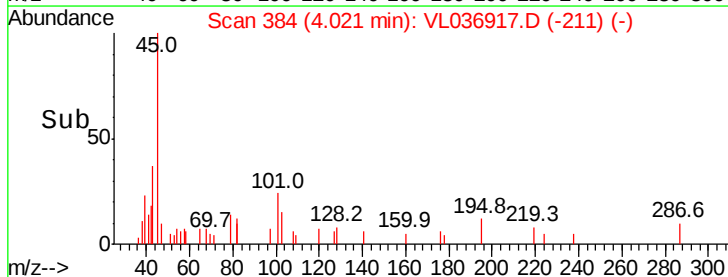
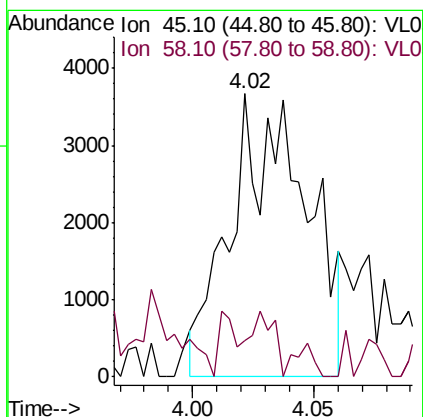
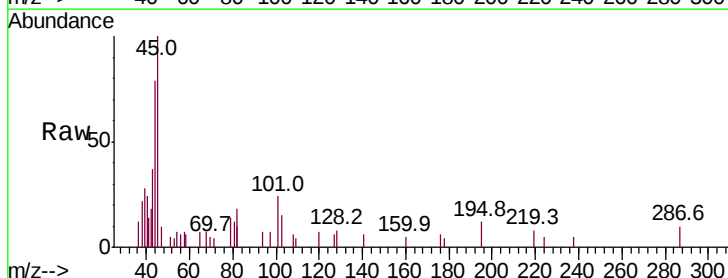
RT: 4.02 min Scan# 384

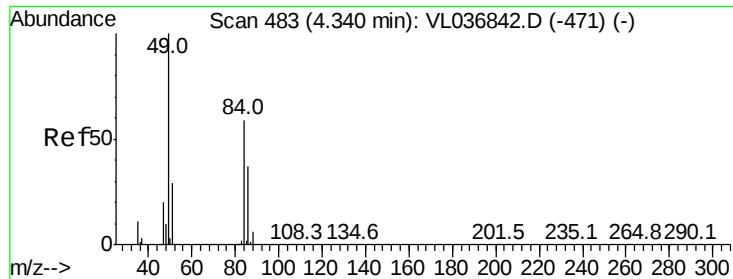
Delta R.T. 0.05 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.8	4.2#





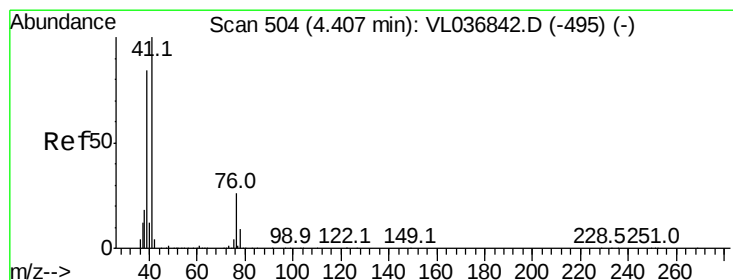
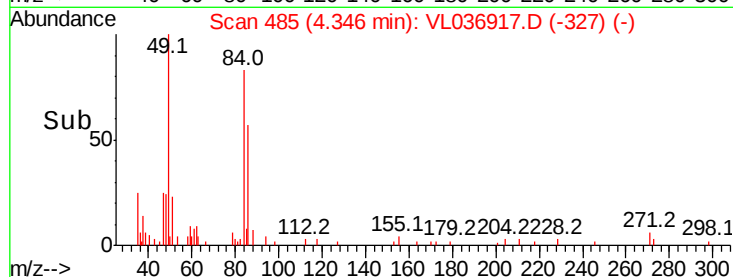
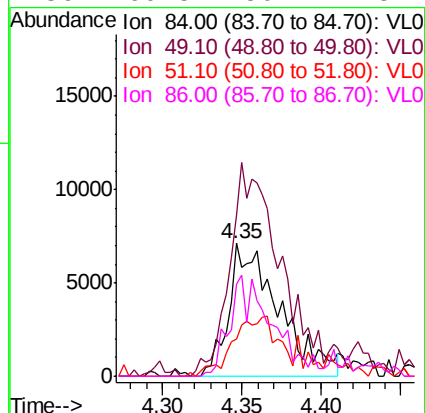
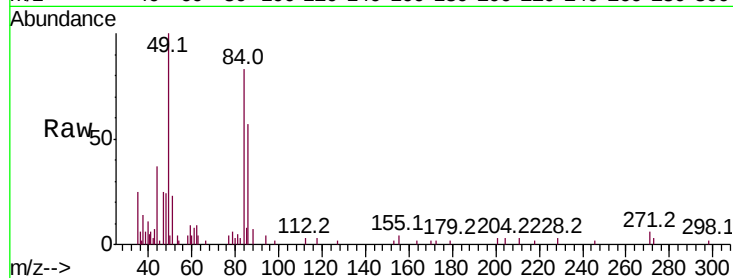
#20
Methvlene Chloride
Concen: 0.278 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	84	Resp:	15565
Ion Ratio	Lower	Upper	
84	100		
49	121.1	135.4	203.0#
51	28.4	39.3	58.9#
86	69.5	50.2	75.2

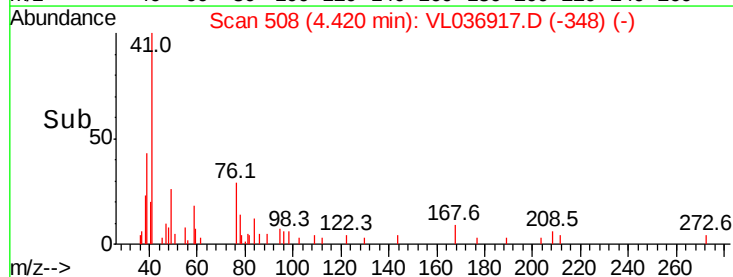
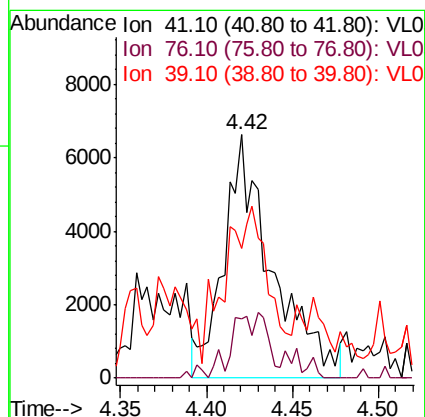
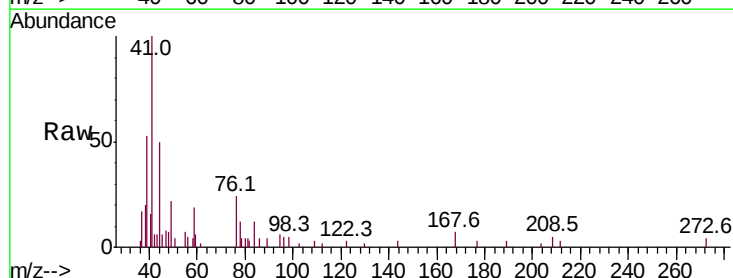
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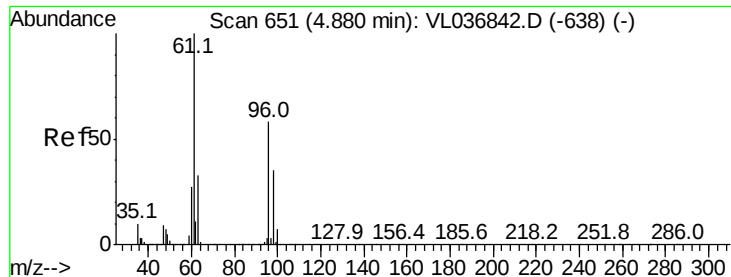
MMDadoda
5/10/2021 3:34:32 PM



#21
Allyl Chloride
Concen: 0.149 ppbv m
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	41	Resp:	12910
Ion Ratio	Lower	Upper	
41	100		
76	0.0	22.4	33.6#
39	0.0	68.4	102.6#





#22

trans-1,2-Dichloroethene

Concen: 0.151 ppbv m

RT: 4.89 min Scan# 655

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 96 Resp: 7669

Ion Ratio Lower Upper

96 100

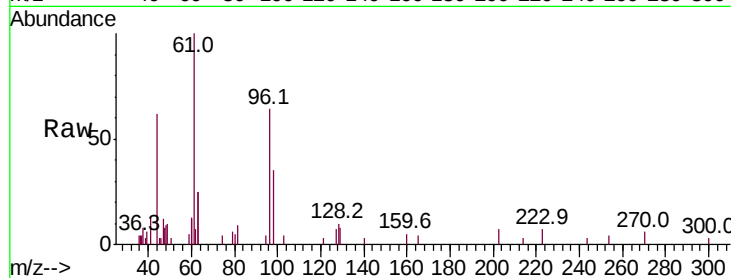
61 157.3 138.6 207.8

98 54.8 48.1 72.1

Manual Integrations
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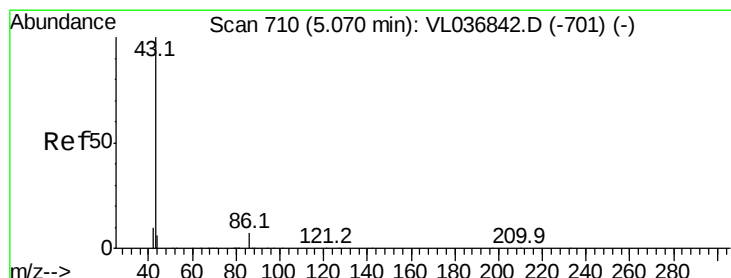
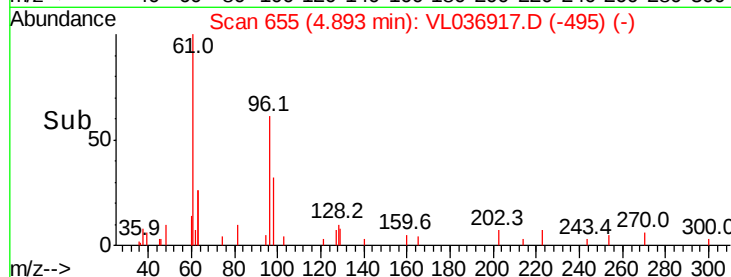
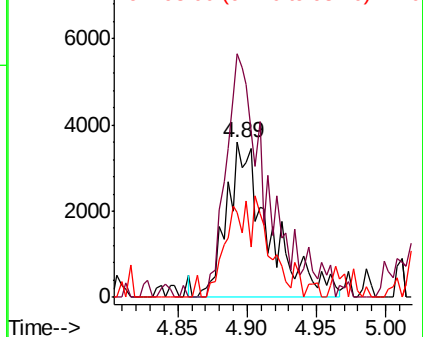
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Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.115 ppbv m

RT: 5.11 min Scan# 722

Delta R.T. 0.04 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion: 43 Resp: 18256

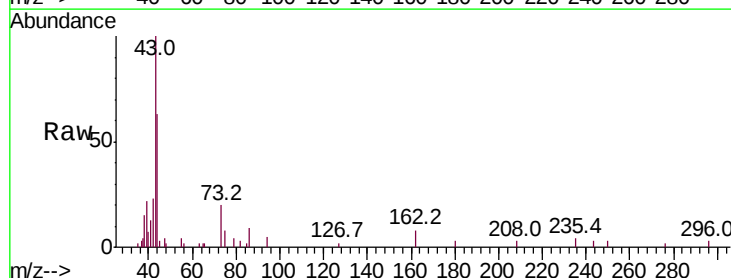
Ion Ratio Lower Upper

43 100

86 9.0 5.3 7.9#

42 23.4 8.7 13.1#

44 63.0 3.9 5.9#

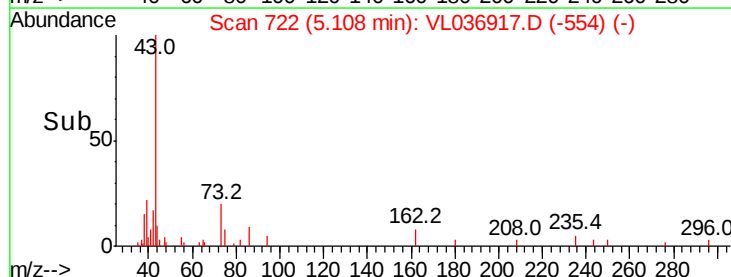
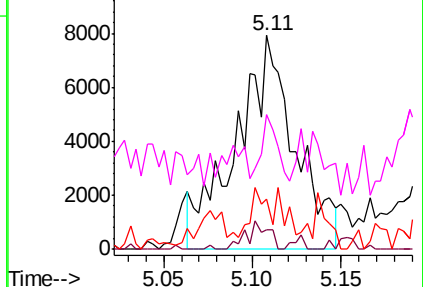


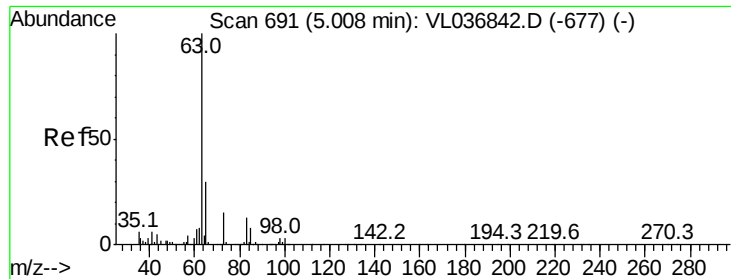
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.165 ppbv m

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

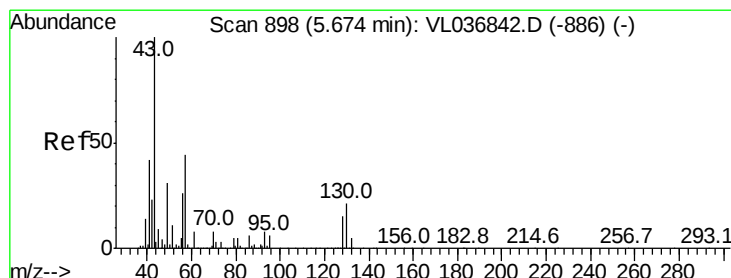
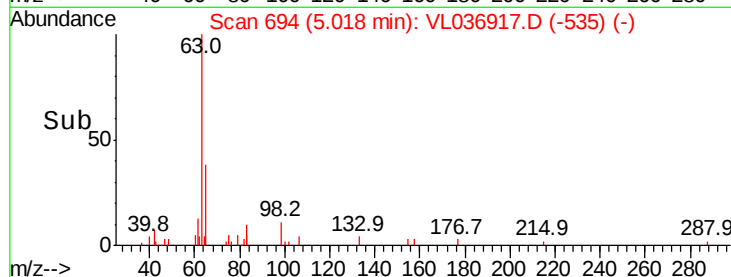
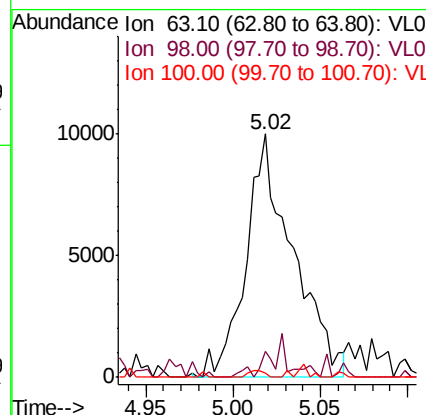
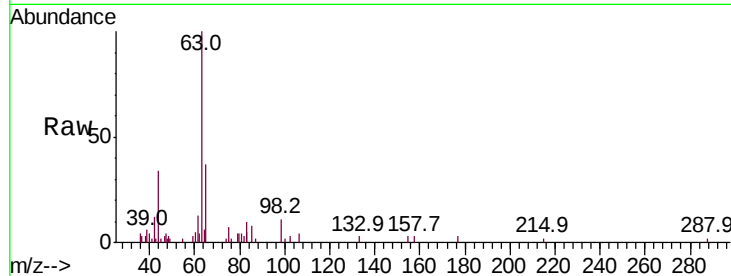
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion	Ratio	Resp	Lower	Upper
63	100	18592		
98	10.8		1.7	5.1#
100	1.6		1.3	3.8

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#25

Ethyl Acetate

Concen: 0.099 ppbv m

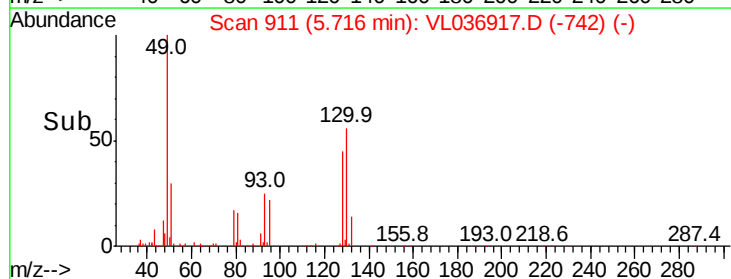
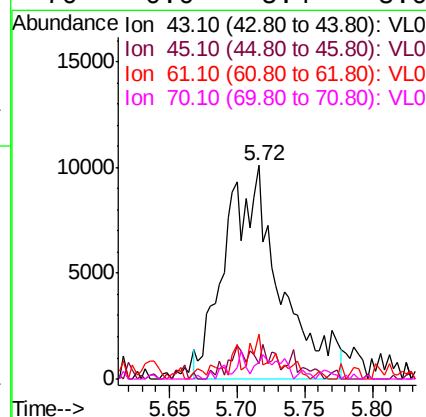
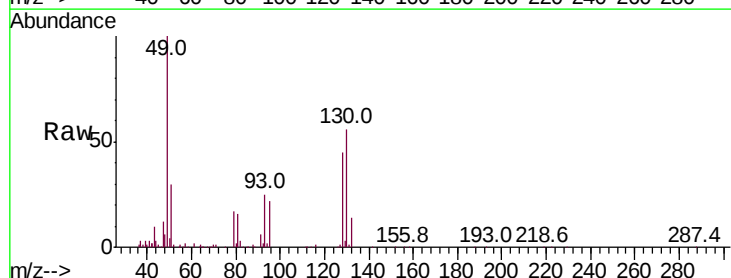
RT: 5.72 min Scan# 911

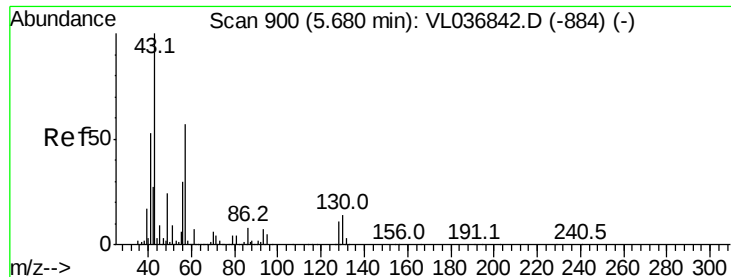
Delta R.T. 0.04 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	28366		
45	0.0		7.8	11.8#
61	0.0		7.4	11.0#
70	0.0		5.4	8.0#





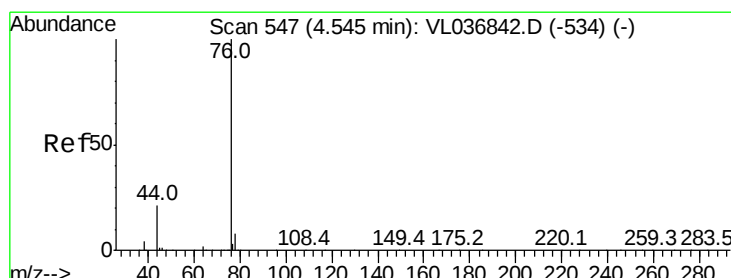
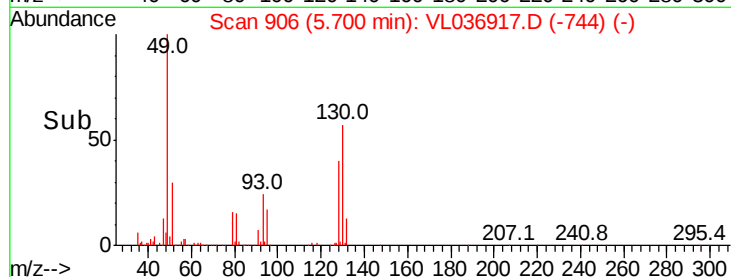
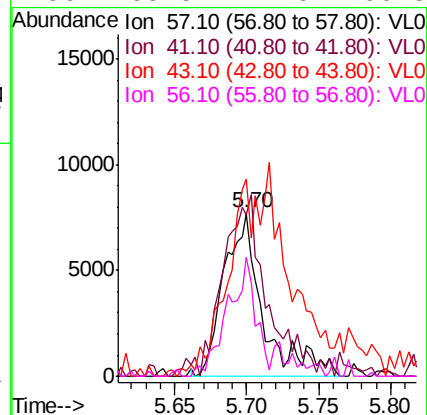
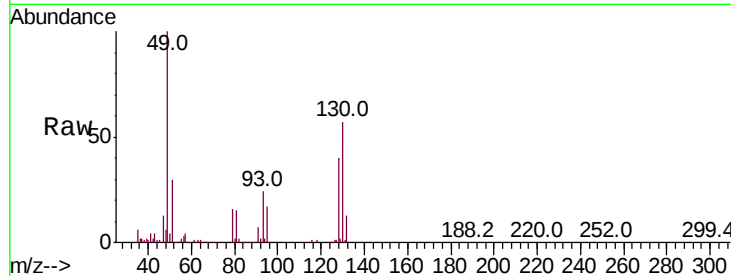
#26
Hexane
Concen: 0.108 ppbv m
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion: 57 Resp: 14482
Ion Ratio Lower Upper
57 100
41 128.1 77.7 116.5#
43 0.0 180.5 270.7#
56 65.5 44.6 66.8

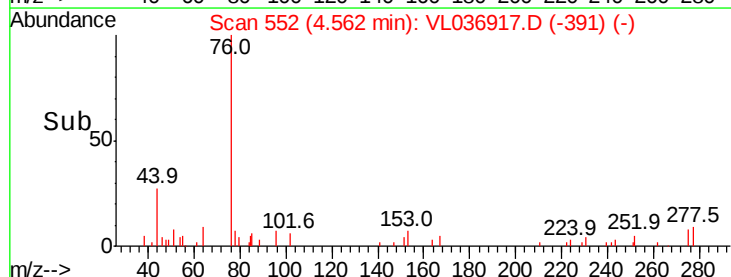
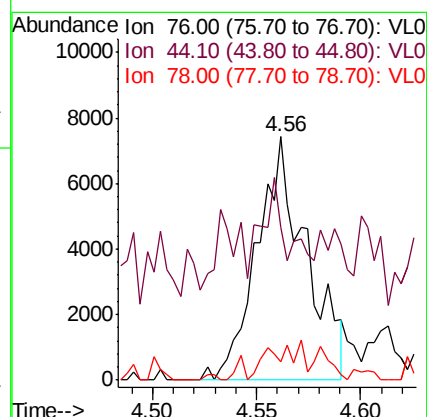
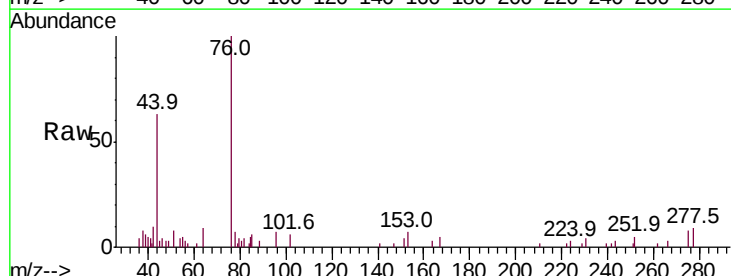
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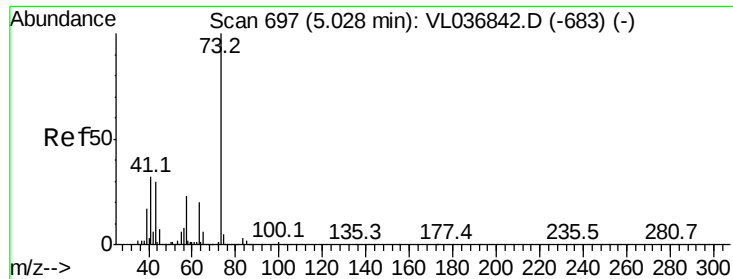
MMDadoda
5/10/2021 3:34:32 PM



#27
Carbon Disulfide
Concen: 0.105 ppbv m
RT: 4.56 min Scan# 552
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion: 76 Resp: 12234
Ion Ratio Lower Upper
76 100
44 76.6 16.9 25.3#
78 0.0 7.9 11.9#





#28

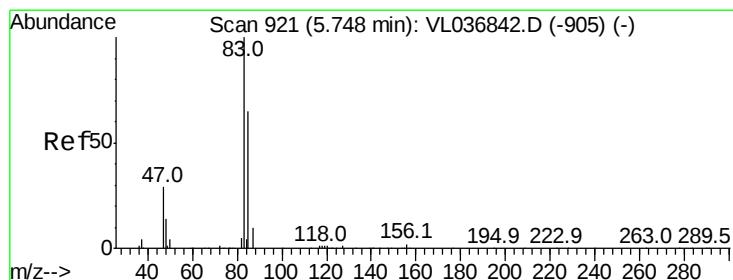
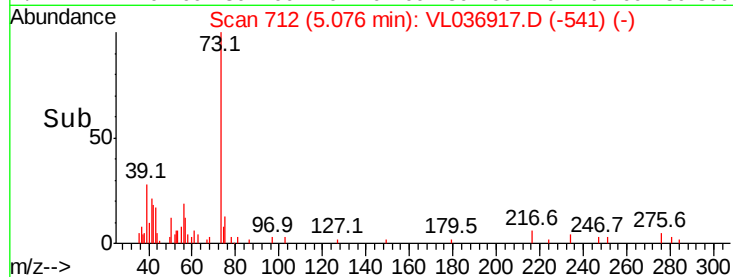
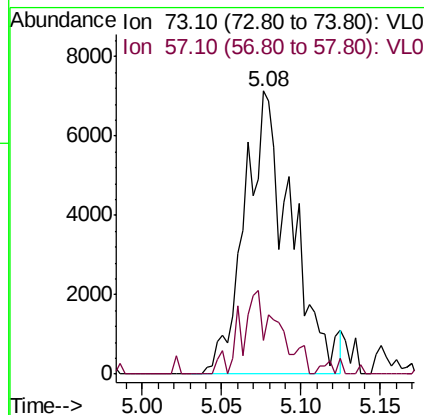
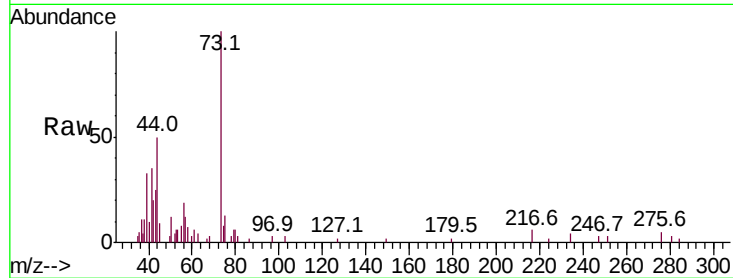
Methvl tert-Butvl Ether
 Concen: 0.122 ppbv m
 RT: 5.08 min Scan# 712
 Delta R.T. 0.05 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.0	28.6#

Manual Integrations
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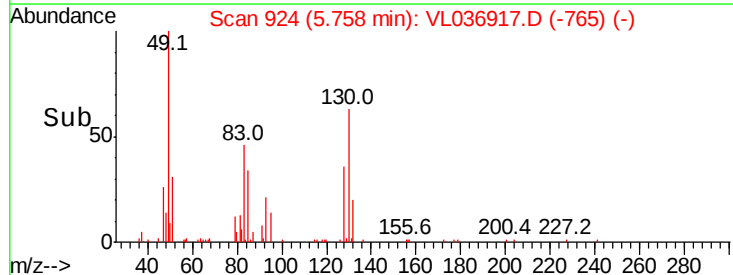
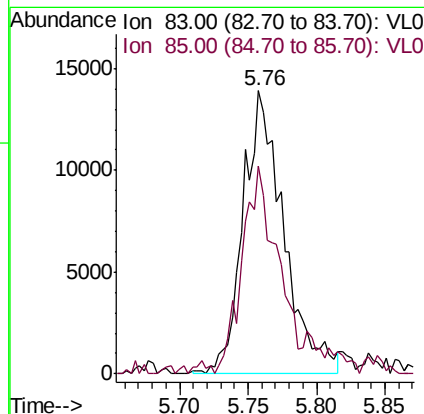
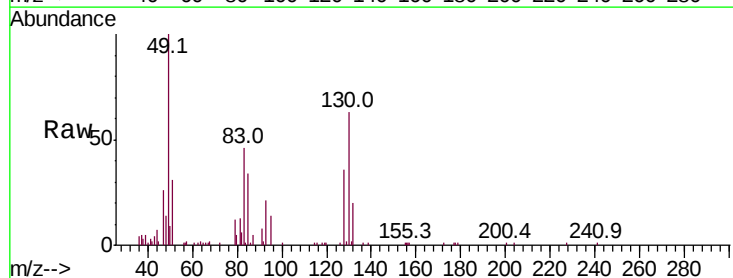
MMDadoda
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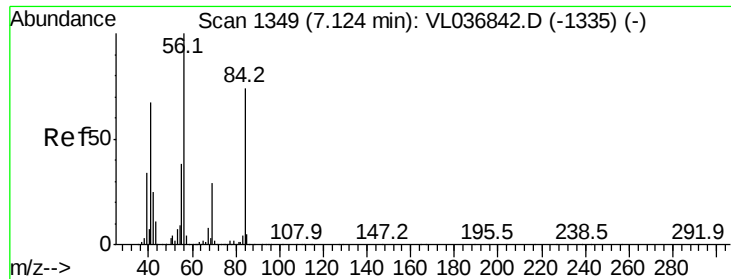


#29

Chloroform
 Concen: 0.138 ppbv m
 RT: 5.76 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	73.3	52.2	78.4





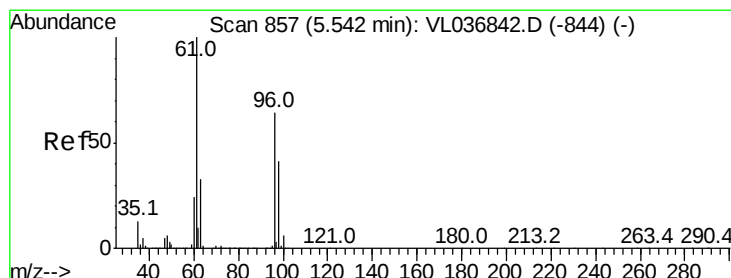
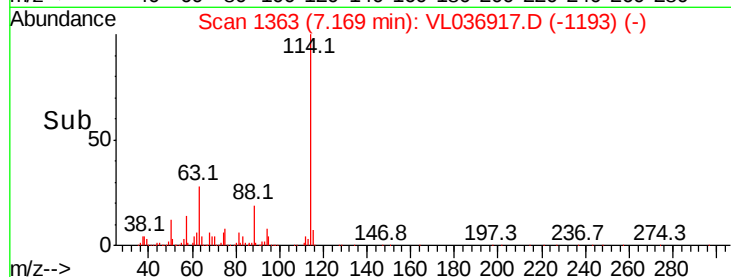
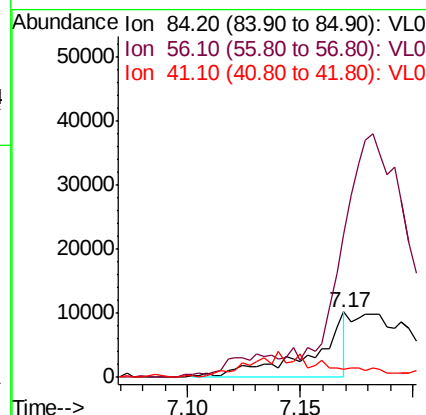
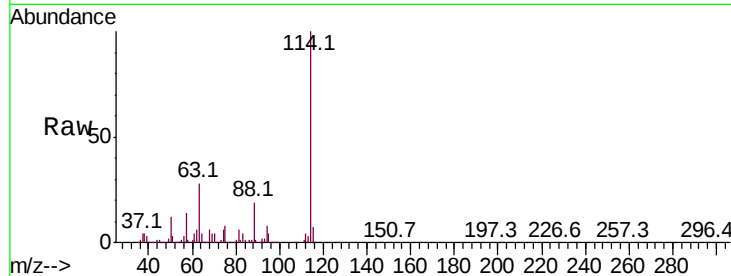
#30
Cvclohexane
Concen: 0.102 ppbv m
RT: 7.17 min Scan# 1363
Delta R.T. 0.05 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.8	173.6#
41	92.8	74.6	111.8

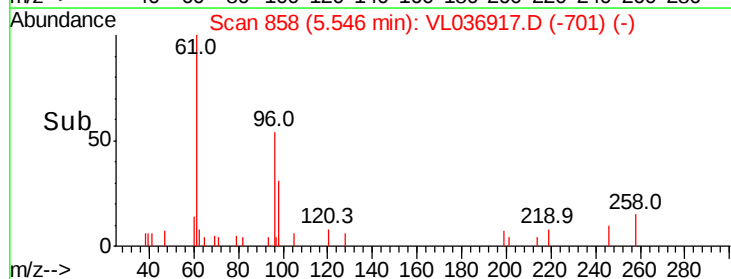
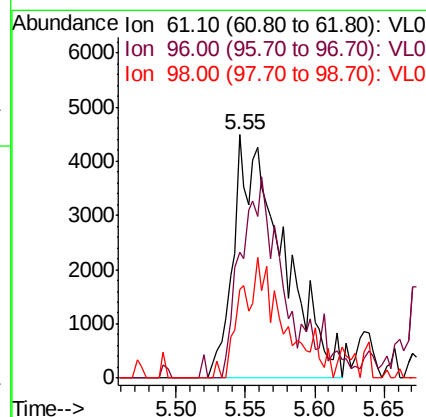
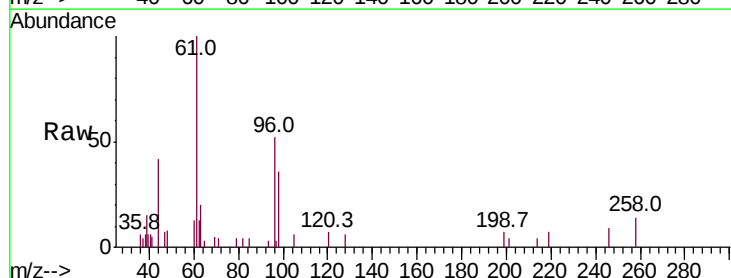
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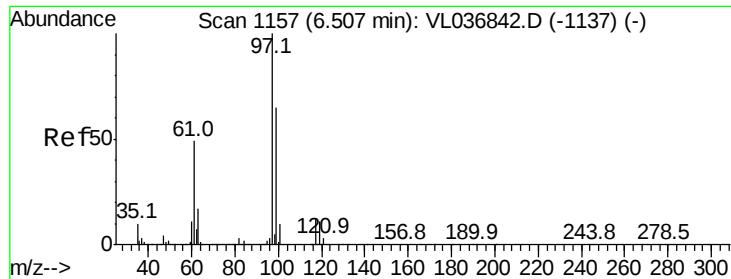
MMDadoda
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#31
cis-1,2-Dichloroethene
Concen: 0.092 ppbv m
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
61	100		
96	51.6	51.0	76.6
98	36.4	32.7	49.1





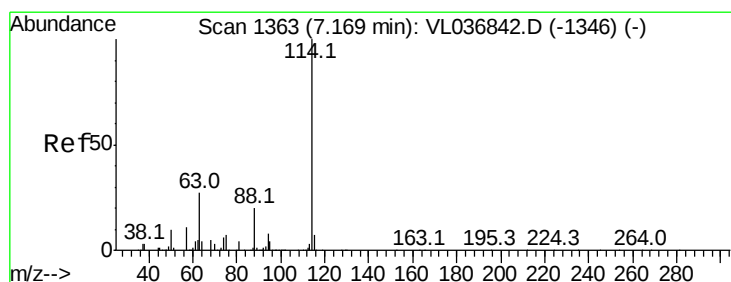
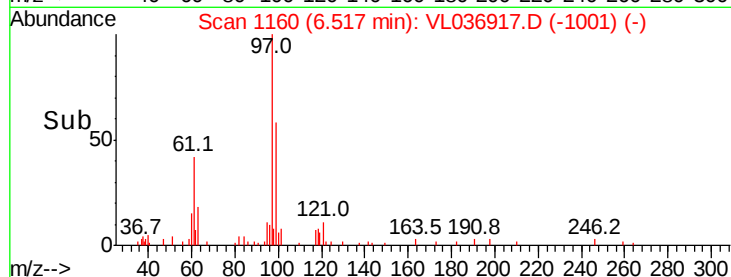
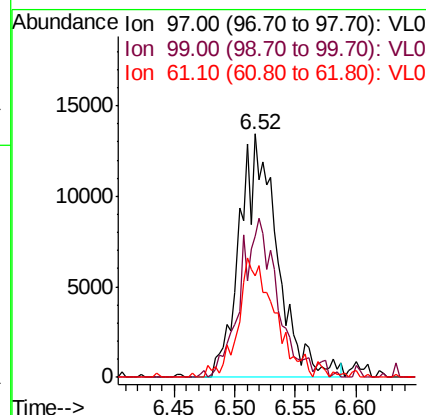
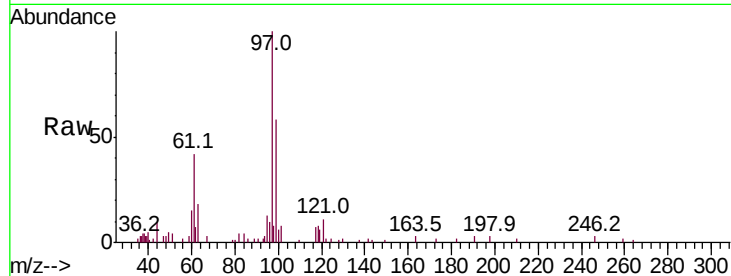
#32
 1,1,1-Trichloroethane
 Concen: 0.138 ppbv m
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	0.0	40.8	61.2#

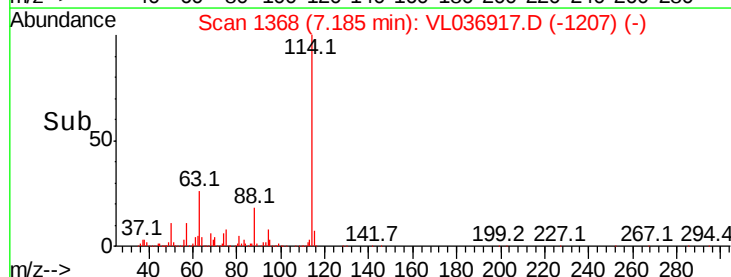
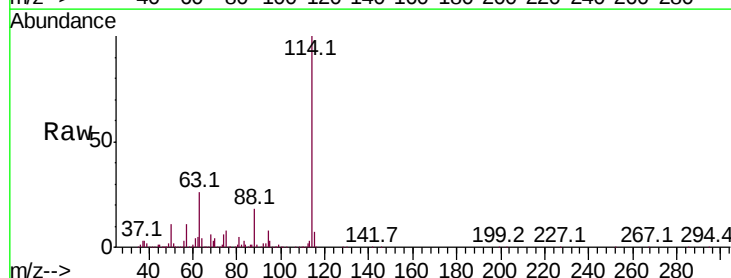
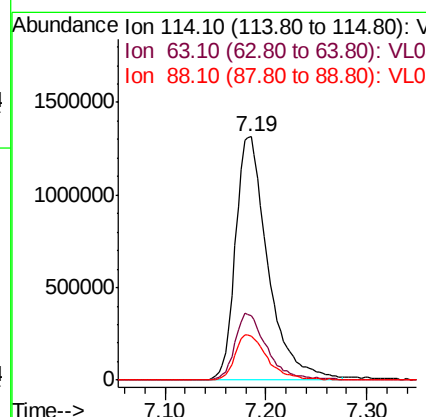
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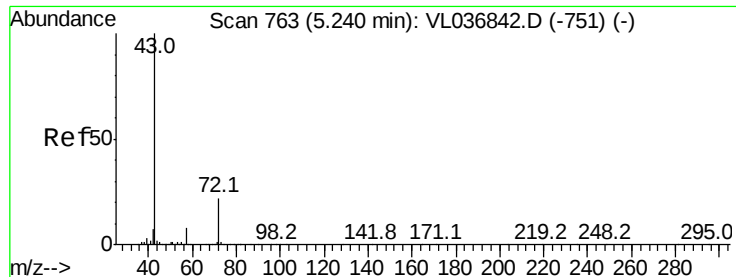
MMDadoda
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	19.0	15.1	22.7





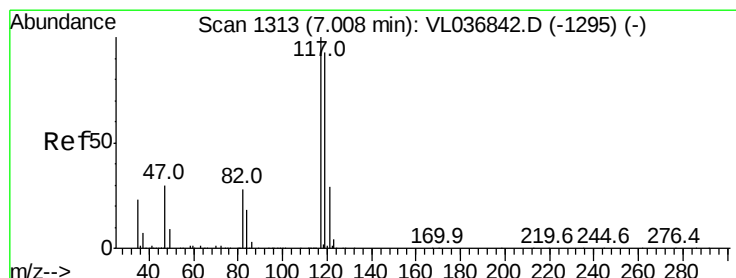
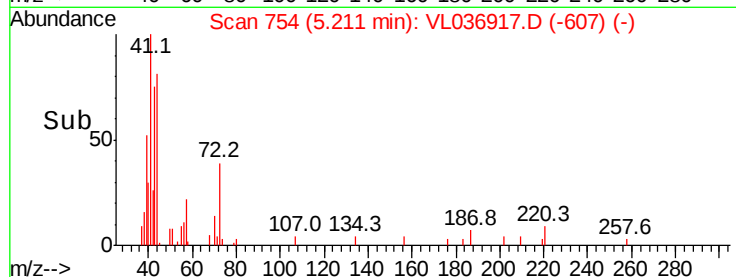
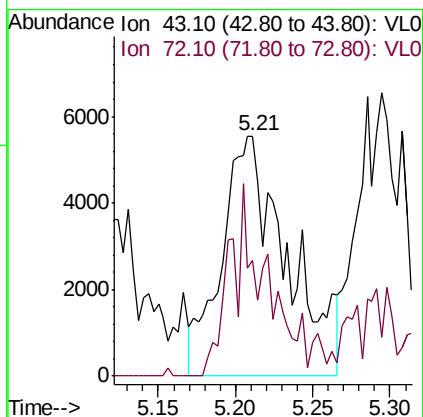
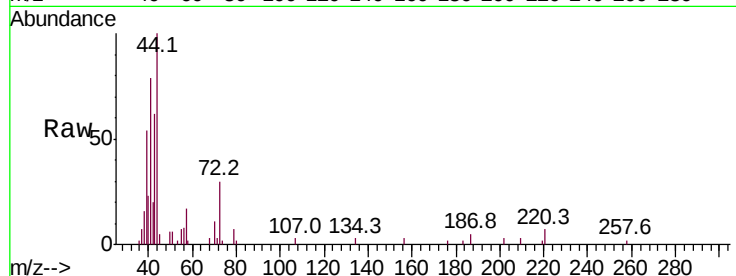
#34
2-Butanone
Concen: 0.126 ppbv m
RT: 5.21 min Scan# 754
Delta R.T. -0.03 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	43	Ratio	100	Resp	16317
Ion	43	100		Lower	Upper
	72	0.0		17.6	26.4#

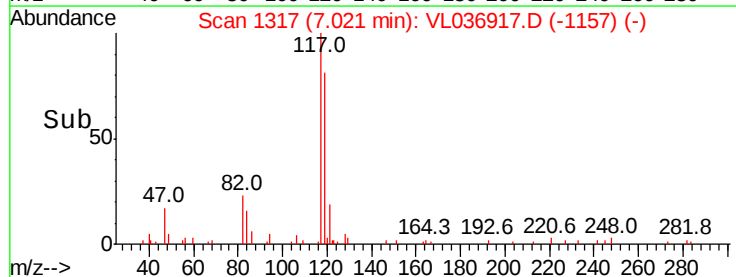
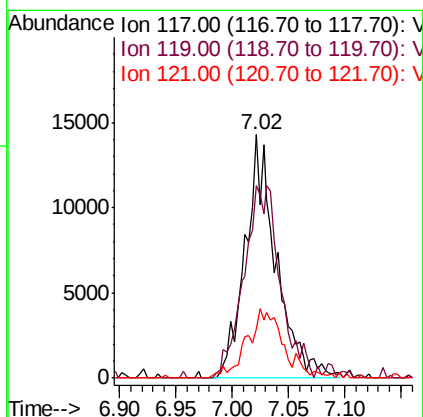
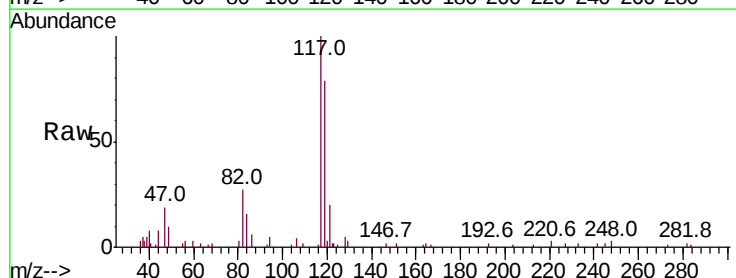
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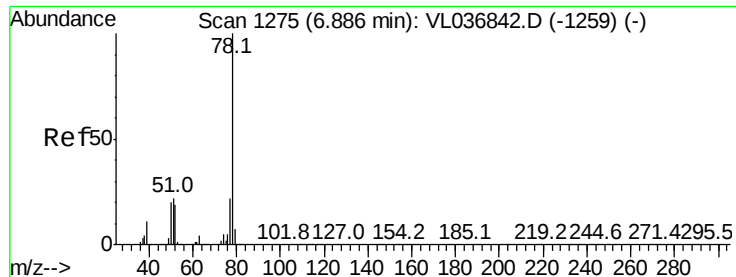
MMDadoda
5/10/2021 3:34:32 PM



#35
Carbon Tetrachloride
Concen: 0.137 ppbv m
RT: 7.02 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	117	Ratio	100	Resp	27419
Ion	117	100		Lower	Upper
	119	79.2		74.6	111.8
	121	20.4		23.3	34.9#





#36

Benzene

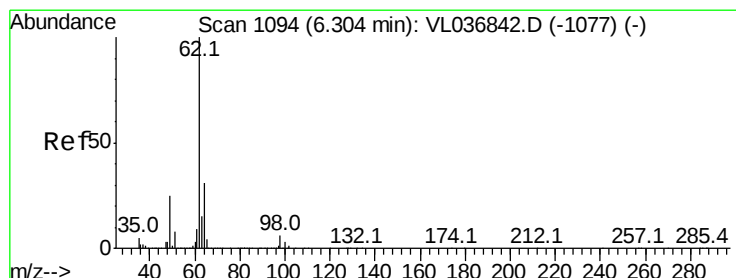
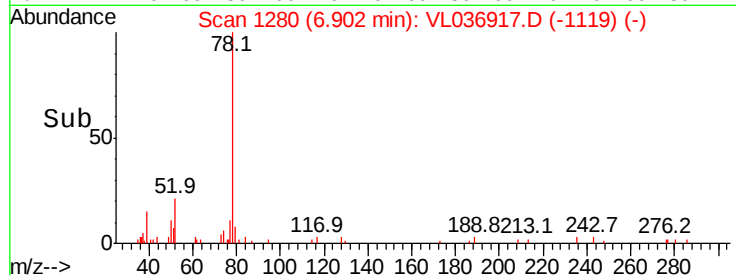
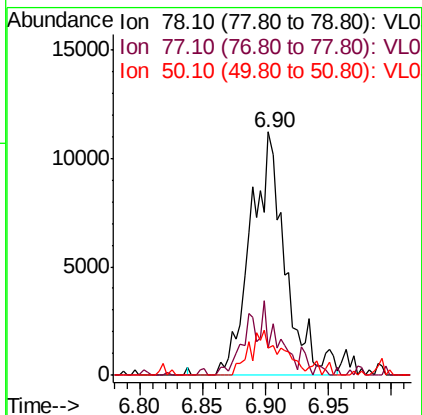
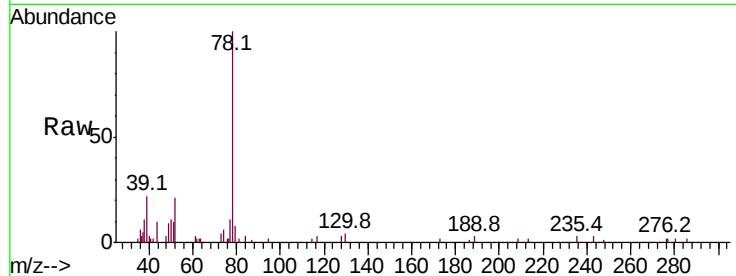
Concen: 0.086 ppbv m
RT: 6.90 min Scan# 1280
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
78	100		
77	11.4	17.6	26.4#
50	11.2	16.3	24.5#

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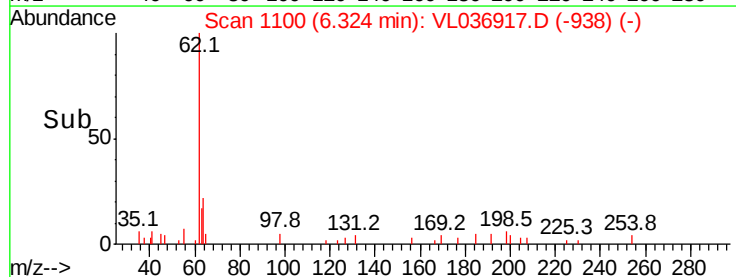
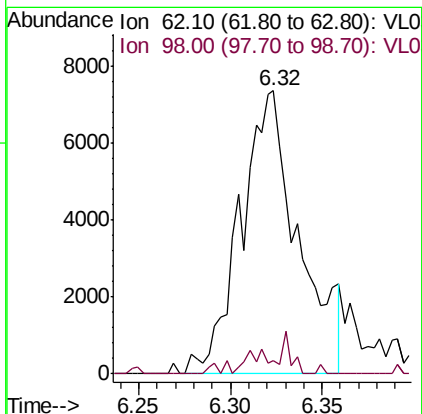
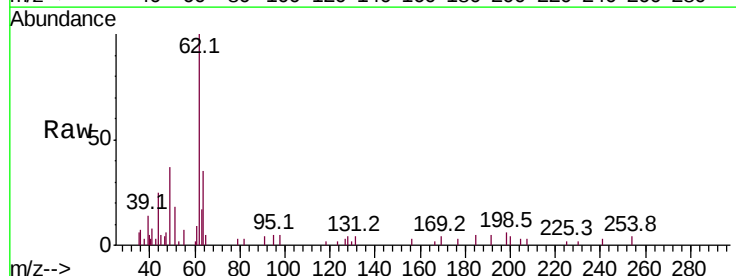


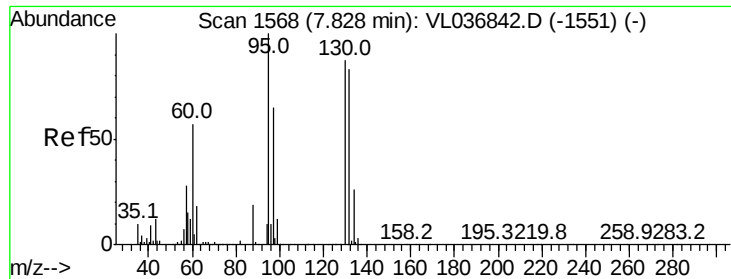
#37

1,2-Dichloroethane

Concen: 0.115 ppbv m
RT: 6.32 min Scan# 1100
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.9	4.8	7.2





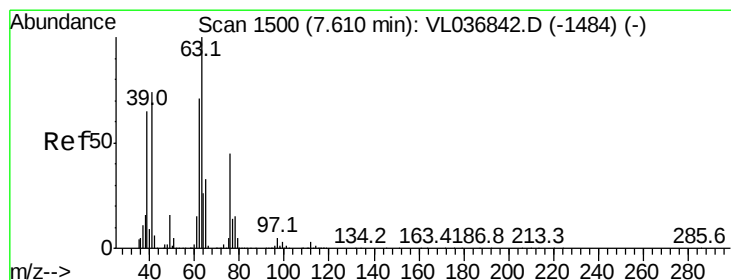
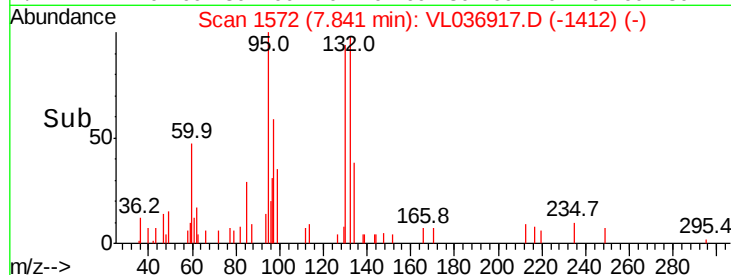
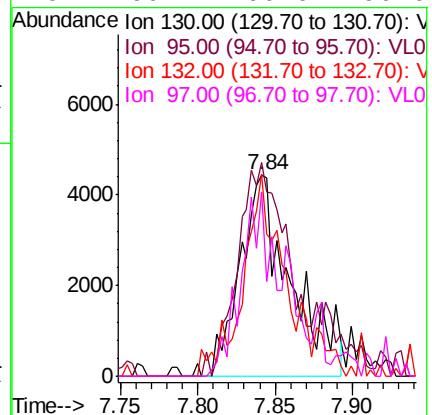
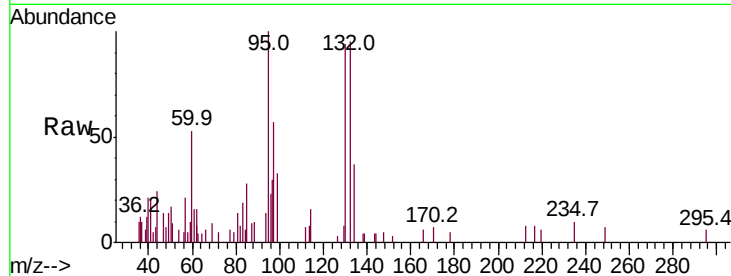
#38
 Trichloroethene
 Concen: 0.116 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		10259		
95	106.2	92.3	138.5		
132	100.4	76.8	115.2		
97	60.2	60.0	90.0		

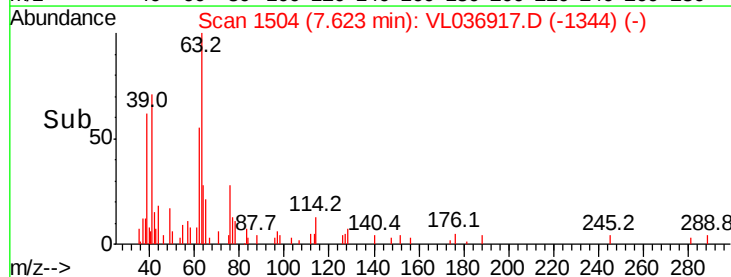
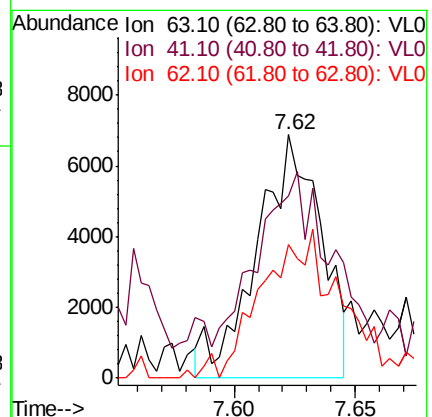
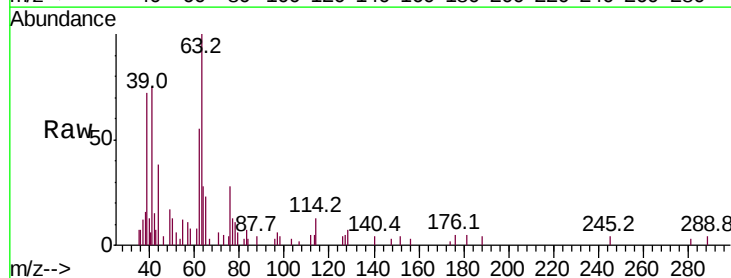
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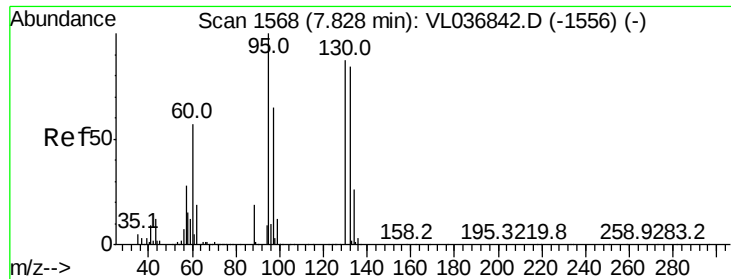
MMDadoda
 5/10/2021 3:34:32 PM



#39
 1,2-Dichloropropane
 Concen: 0.126 ppbv m
 RT: 7.62 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		12602		
41	74.9	59.1	88.7		
62	55.1	56.9	85.3#		





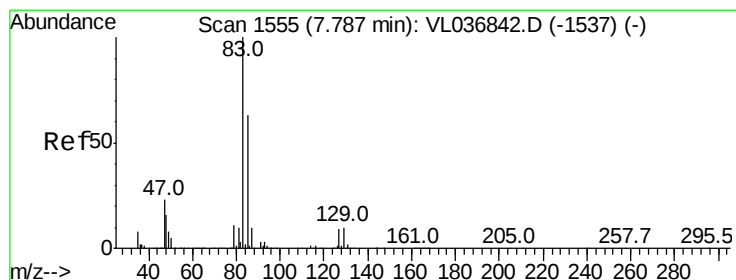
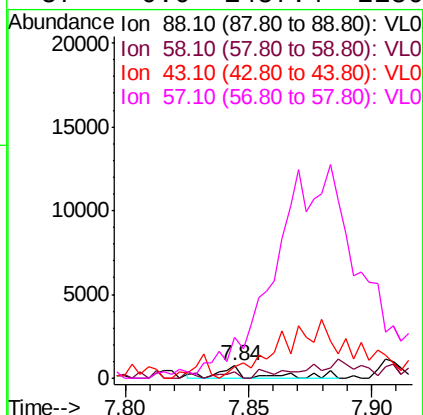
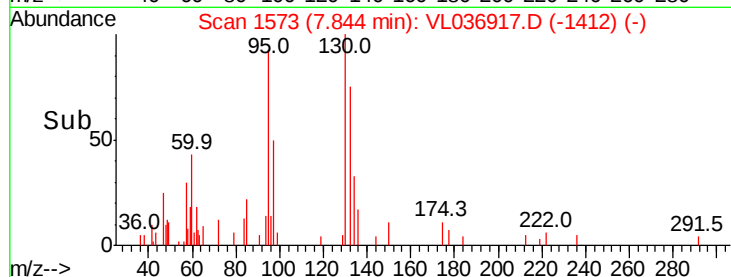
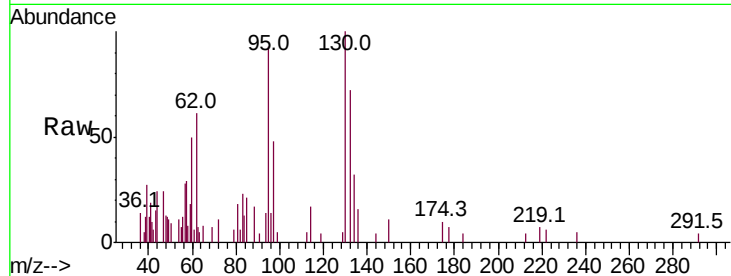
#40
1,4-Dioxane
Concen: 0.031 ppbv m
RT: 7.84 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
88	100		
58	0.0	132.6	198.8#
43	0.0	331.5	497.3#
57	0.0	1457.4	2186.0#

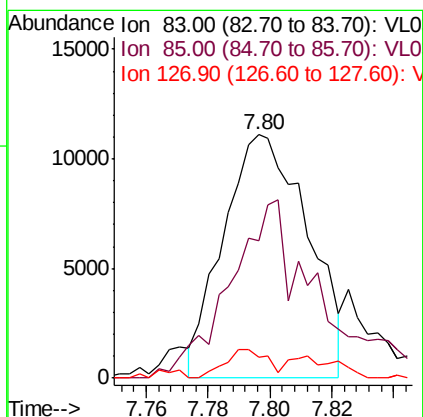
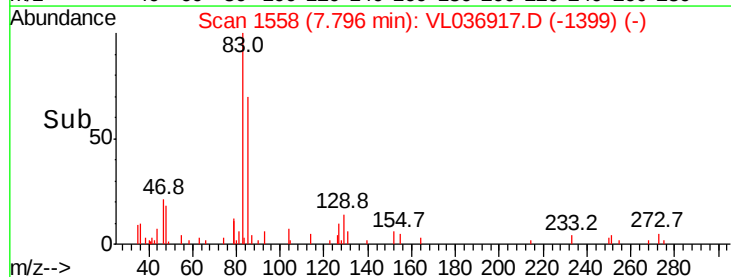
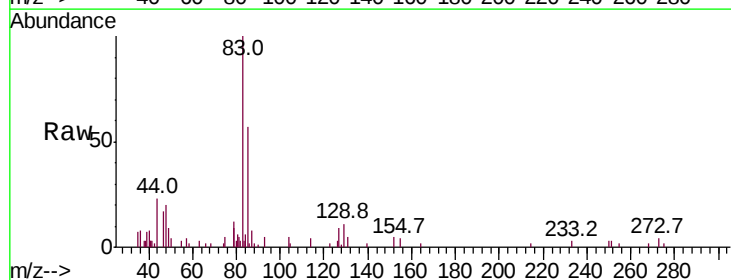
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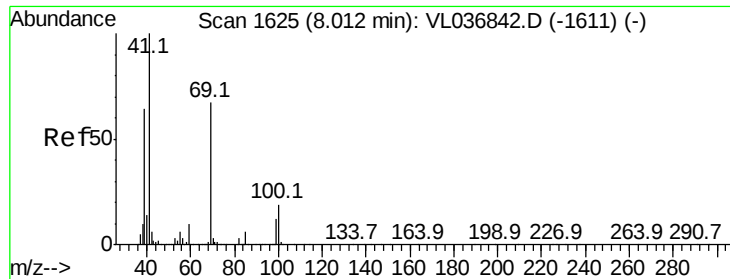
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5/10/2021 3:34:32 PM



#42
Bromodichloromethane
Concen: 0.107 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	47.8	50.4	75.6#
127	9.4	6.9	10.3





#43

Methyl Methacrylate

Concen: 0.061 ppbv m

RT: 8.04 min Scan# 1633

Delta R.T. 0.03 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

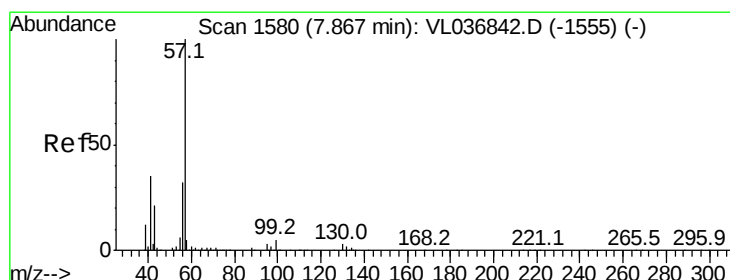
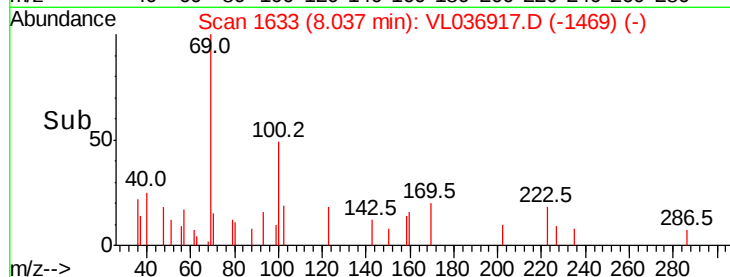
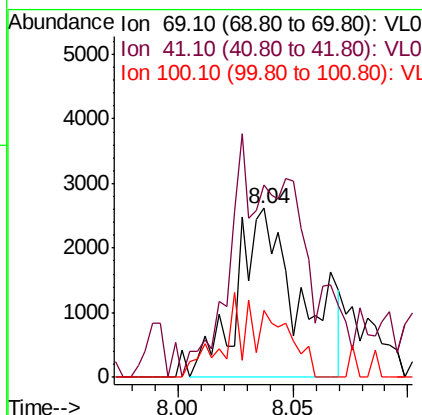
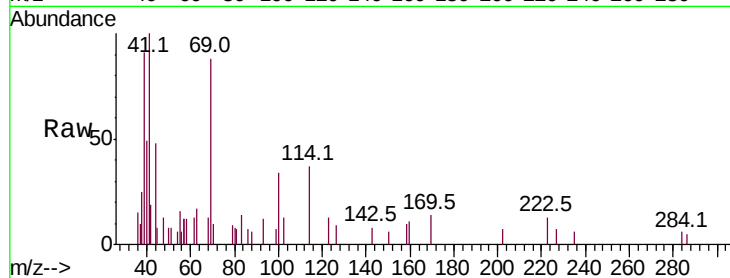
Instrument :
MSVOA_L

ClientSampleId :
MDL-AIR-03-QT2-2021

Tot Ion	Ratio	Lower	Upper
69	100		
41	177.6	124.2	186.4
100	39.3	25.5	38.3#

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#44

2,2,4-Trimethylpentane

Concen: 0.067 ppbv m

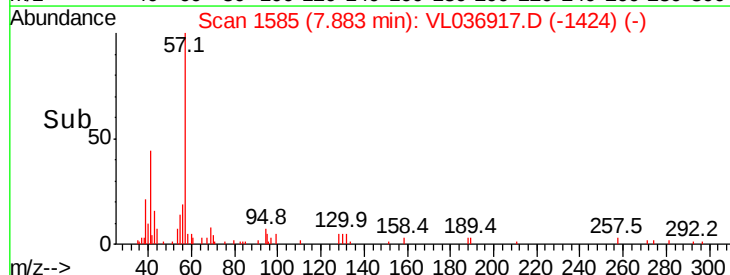
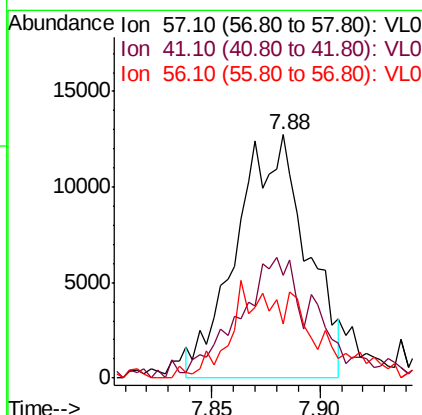
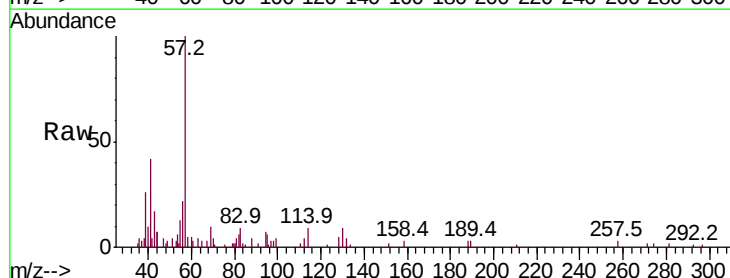
RT: 7.88 min Scan# 1585

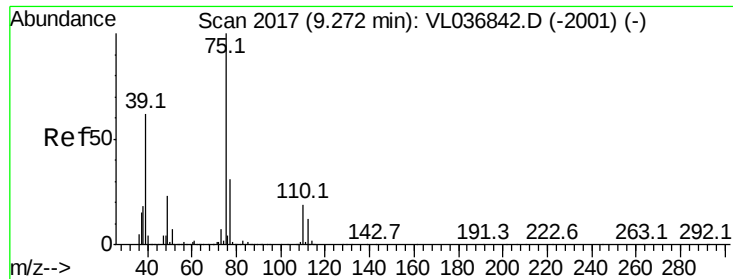
Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
57	100		
41	58.8	28.2	42.4#
56	0.0	25.9	38.9#





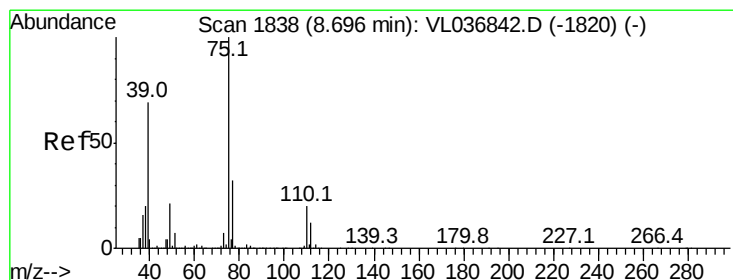
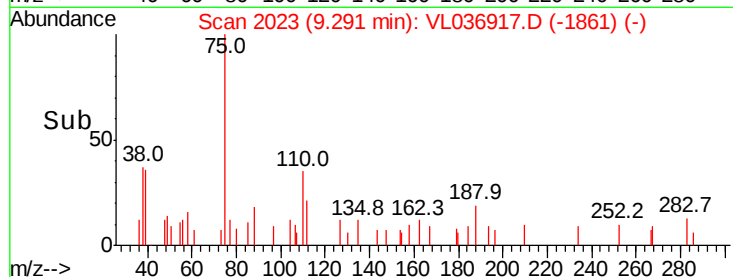
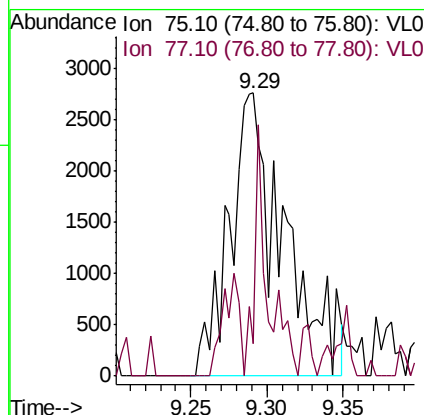
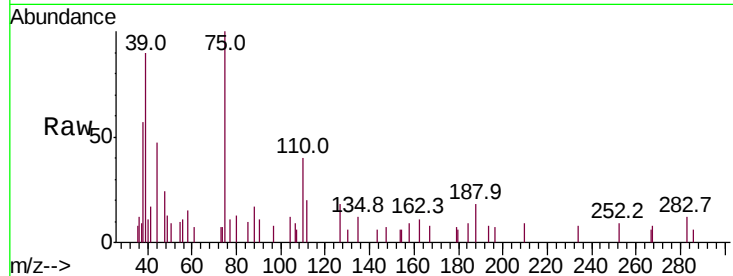
#45
 t-1,3-Dichloropropene
 Concen: 0.078 ppbv m
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion: 75 Resp: 6861
 Ion Ratio Lower Upper
 75 100
 77 11.5 24.6 37.0#

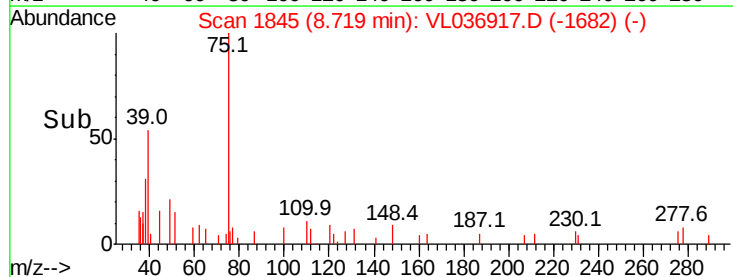
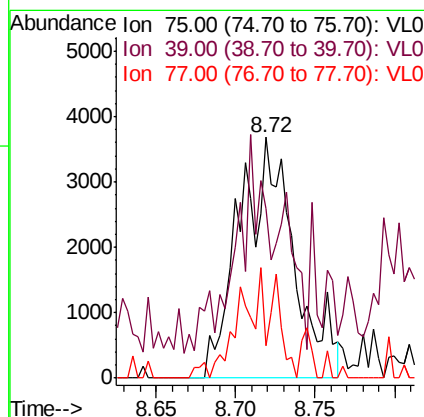
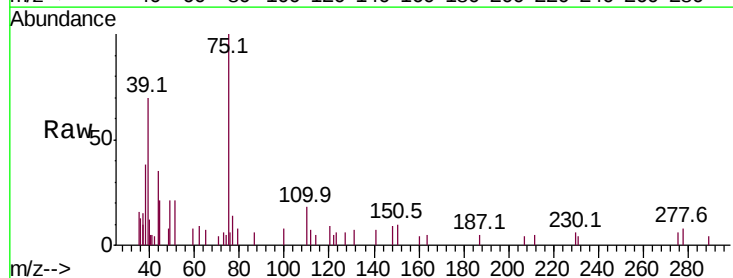
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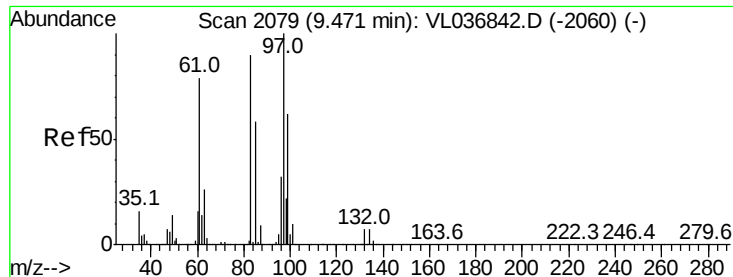
MMDadoda
 5/10/2021 3:34:32 PM



#46
 cis-1,3-Dichloropropene
 Concen: 0.078 ppbv m
 RT: 8.72 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion: 75 Resp: 8743
 Ion Ratio Lower Upper
 75 100
 39 70.2 55.4 83.0
 77 13.7 25.2 37.8#





#47

1,1,2-Trichloroethane

Concen: 0.138 ppbv m

RT: 9.48 min Scan# 2083

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

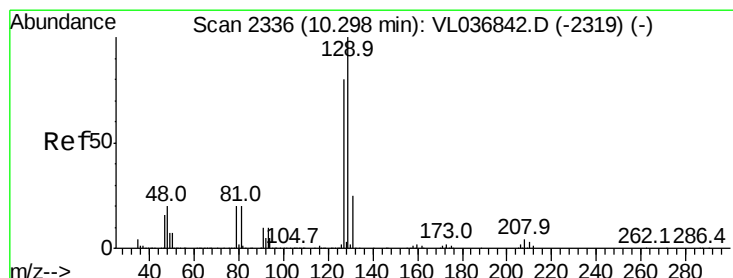
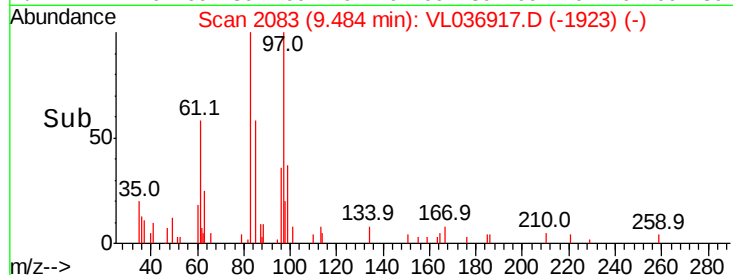
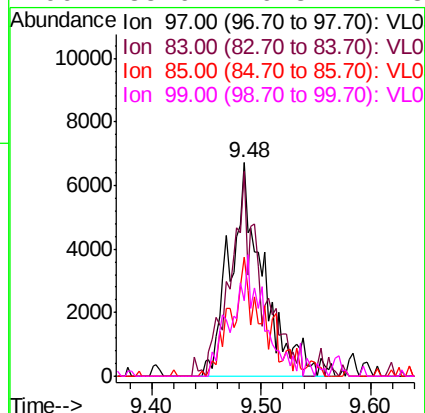
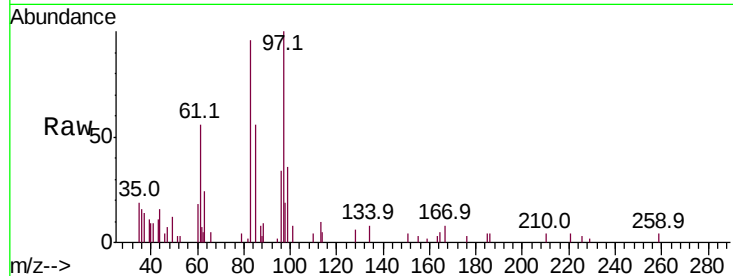
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	95.7	71.9	107.9	
85	55.8	46.5	69.7	
99	35.6	49.8	74.8	

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#48

Dibromochloromethane

Concen: 0.101 ppbv m

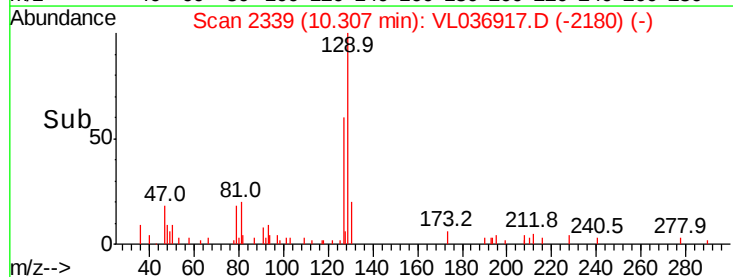
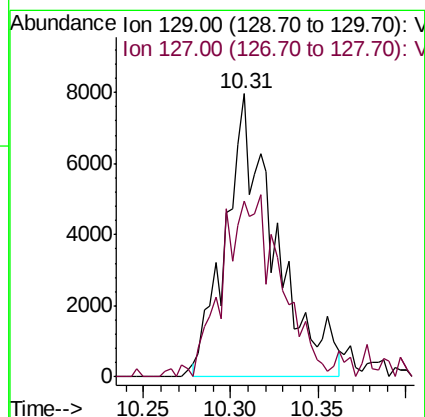
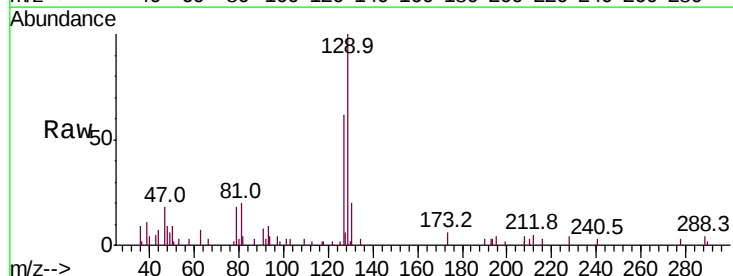
RT: 10.31 min Scan# 2339

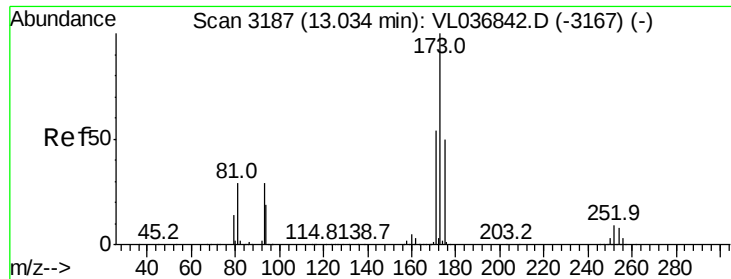
Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	76.9	40.2	120.5	





#49

Bromoform

Concen: 0.103 ppbv m

RT: 13.05 min Scan# 3193

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

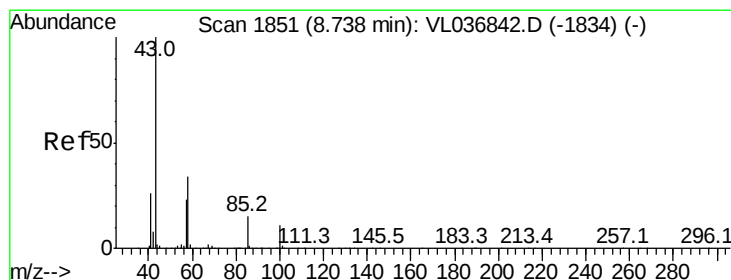
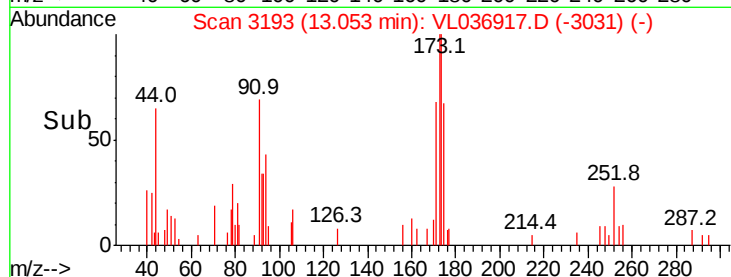
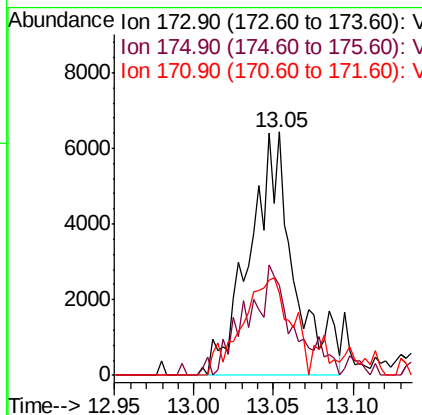
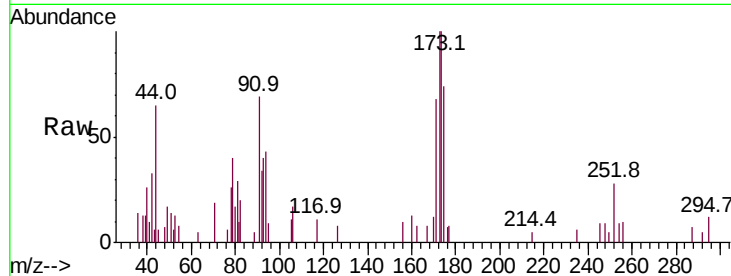
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	173	Resp:	12598
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.6	59.4#
171	0.0	42.2	63.4#

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5/10/2021 3:34:32 PM



#50

4-Methyl-2-Pentanone

Concen: 0.059 ppbv m

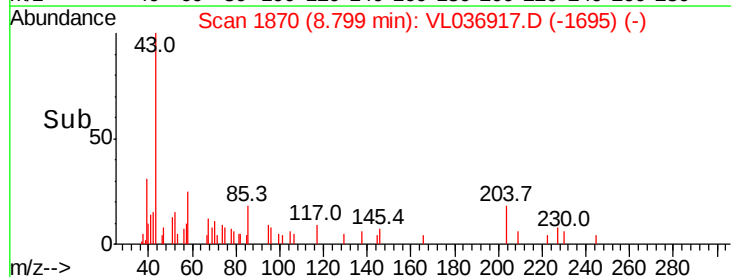
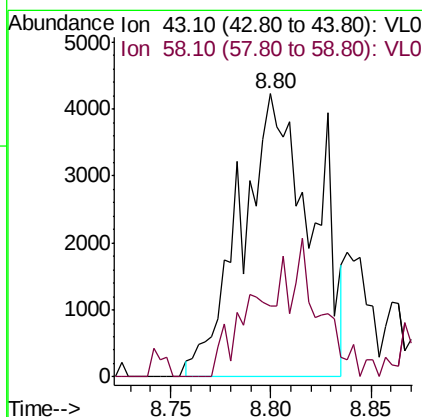
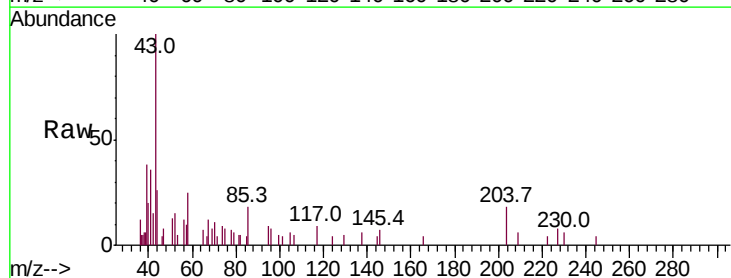
RT: 8.80 min Scan# 1870

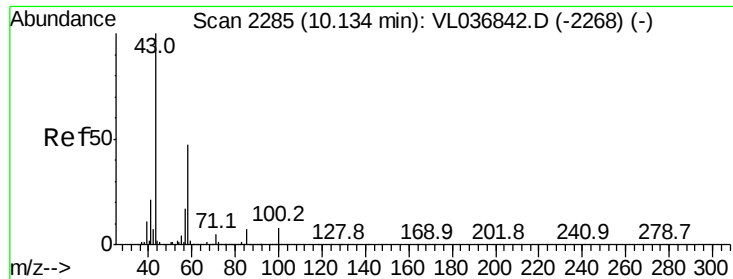
Delta R.T. 0.06 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	43	Resp:	10355
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.8	41.8#





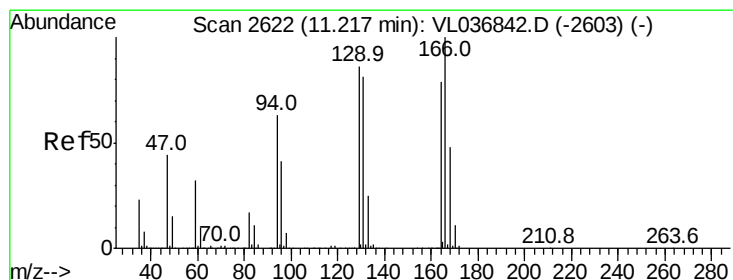
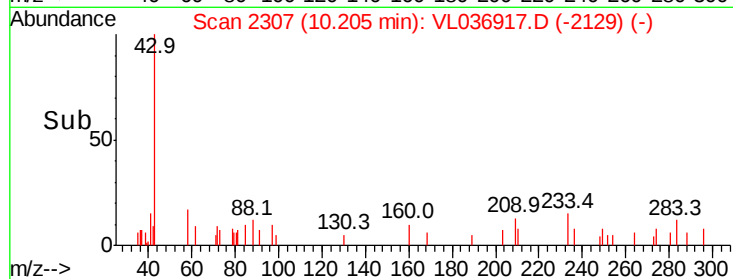
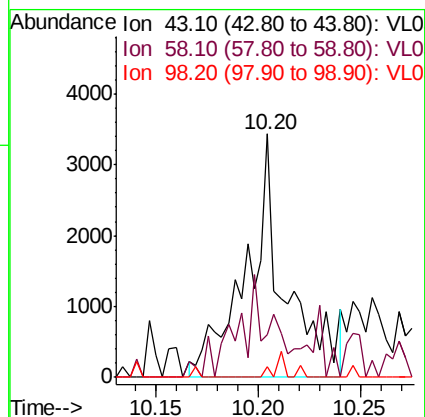
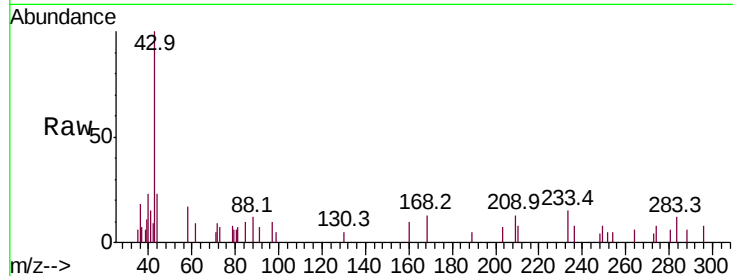
#51
2-Hexanone
Concen: 0.051 ppbv m
RT: 10.20 min Scan# 2307
Delta R.T. 0.07 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.0	55.6#
98	0.0	0.2	0.4#

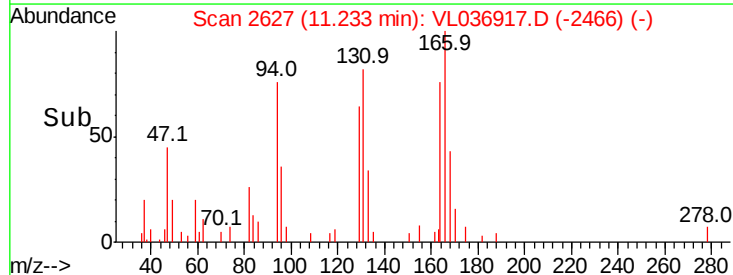
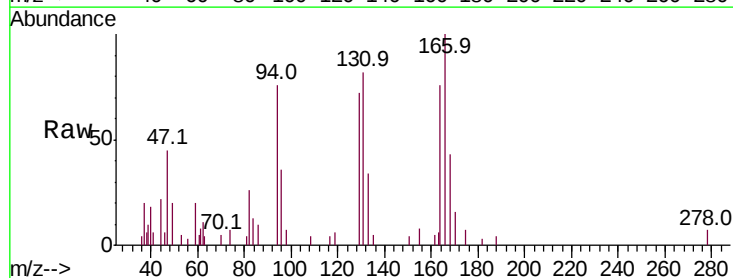
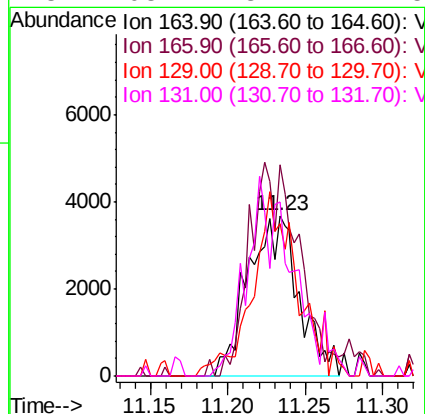
Manual Integrations
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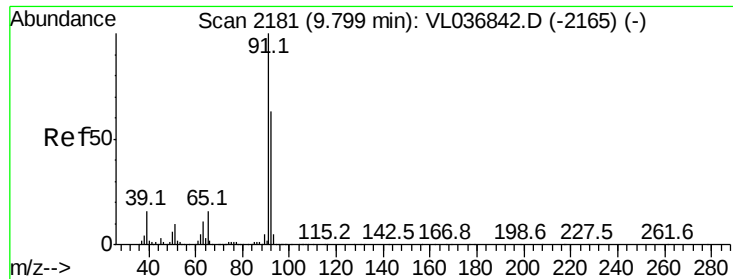
MMDadoda
5/10/2021 3:34:32 PM



#52
Tetrachloroethene
Concen: 0.100 ppbv m
RT: 11.23 min Scan# 2627
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	100.9	151.3
129	95.0	87.0	130.4
131	108.2	81.7	122.5





#53

Toluene

Concen: 0.063 ppbv m

RT: 9.82 min Scan# 2186

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion: 91 Resp: 16414

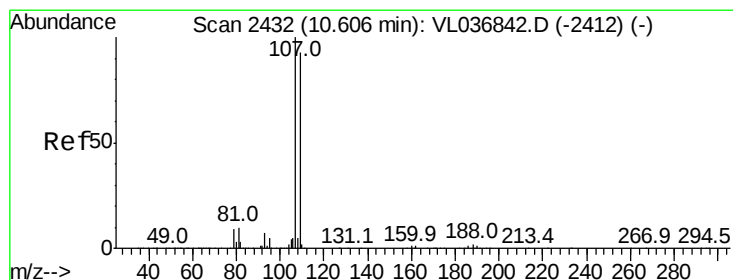
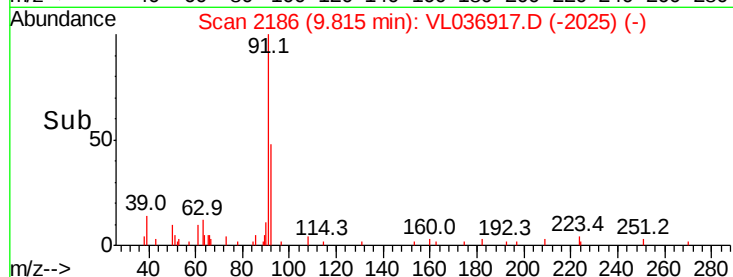
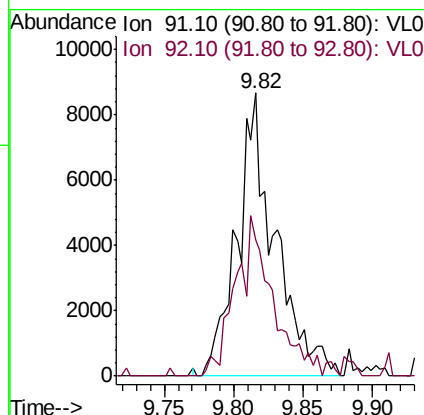
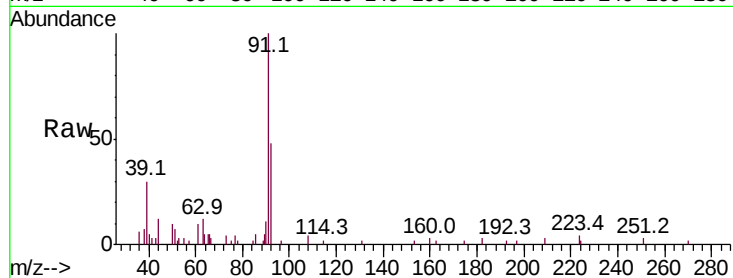
Ion Ratio Lower Upper

91 100

92 59.6 49.0 73.4

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#54

1,2-Dibromoethane

Concen: 0.103 ppbv m

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL036917.D

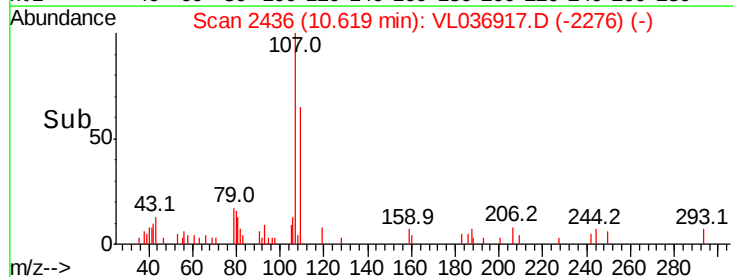
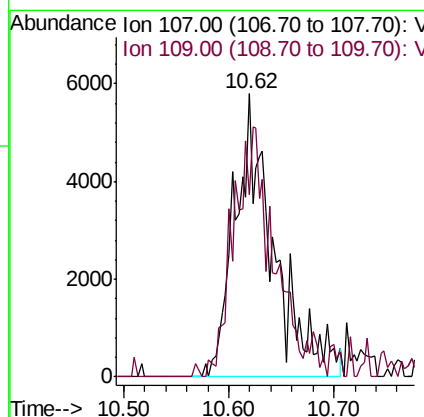
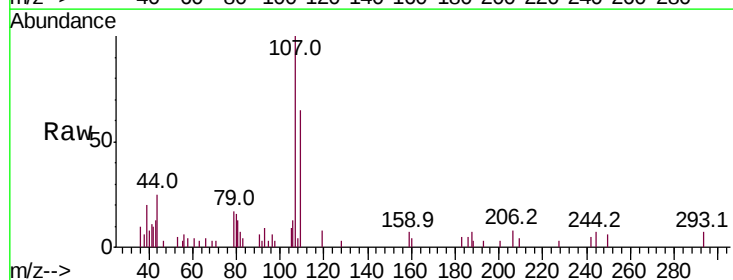
Acq: 7 May 2021 13:39

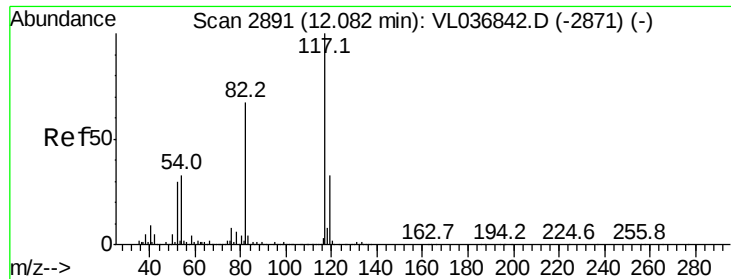
Tgt Ion: 107 Resp: 14987

Ion Ratio Lower Upper

107 100

109 64.5 74.7 112.1#





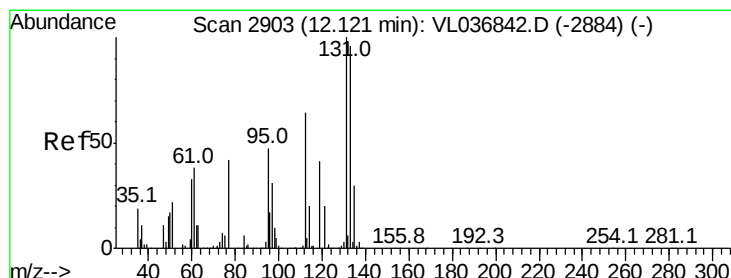
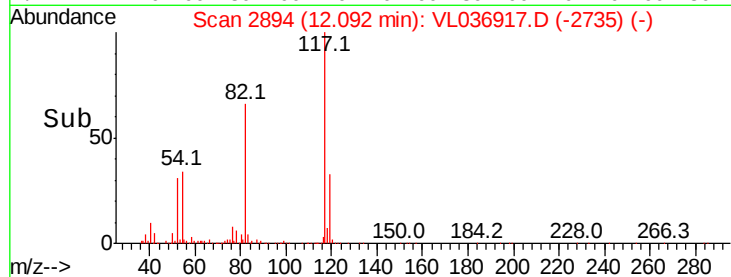
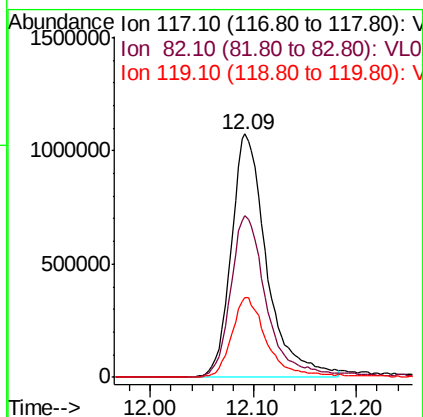
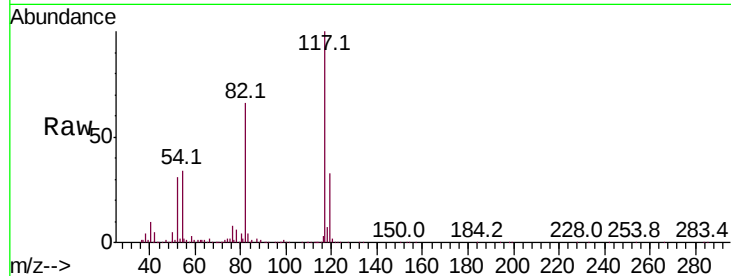
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion:117 Resp: 2570066
Ion Ratio Lower Upper
117 100
82 68.9 53.5 80.3
119 33.5 25.6 38.4

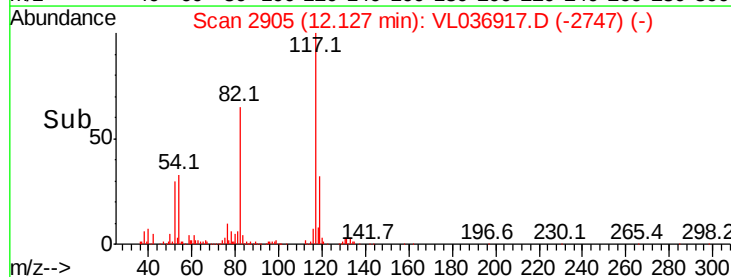
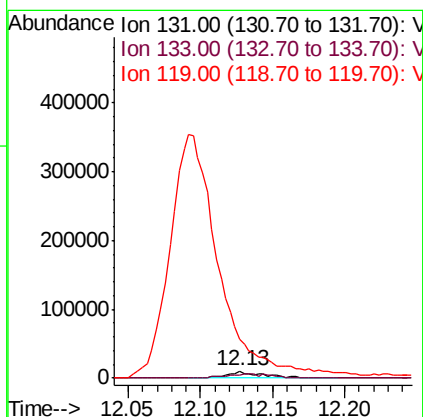
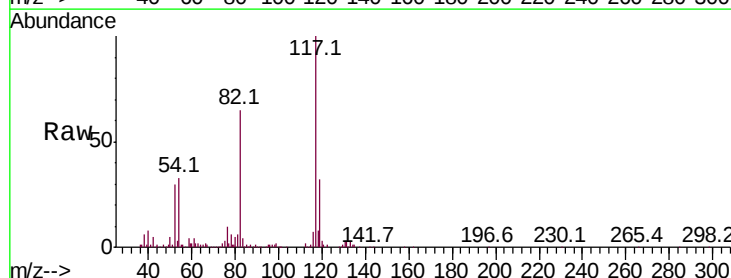
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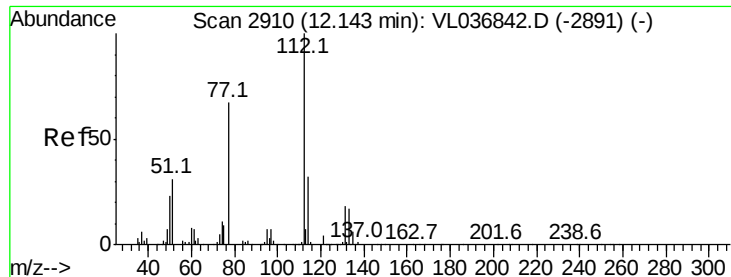
MMDadoda
5/10/2021 3:34:32 PM



#56
1,1,1,2-Tetrachloroethane
Concen: 0.159 ppbv m
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion:131 Resp: 17123
Ion Ratio Lower Upper
131 100
133 0.0 76.3 114.5#
119 0.0 114.9 172.3#





#57

Chlorobenzene

Concen: 0.140 ppbv m

RT: 12.16 min Scan# 2914

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

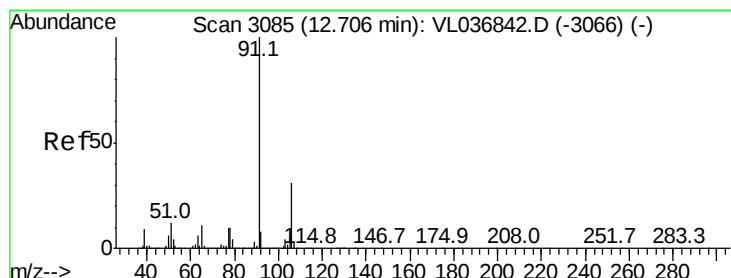
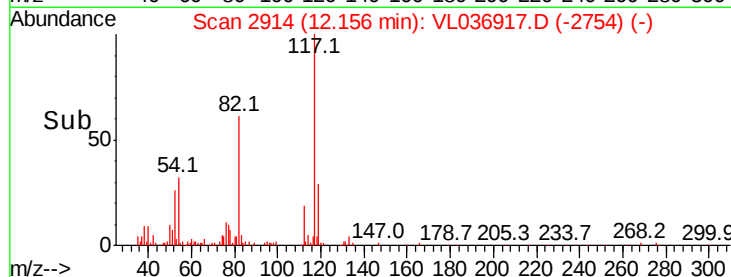
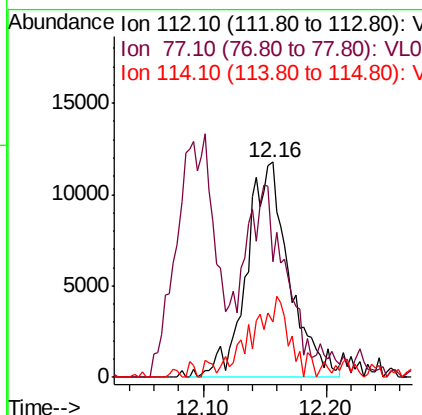
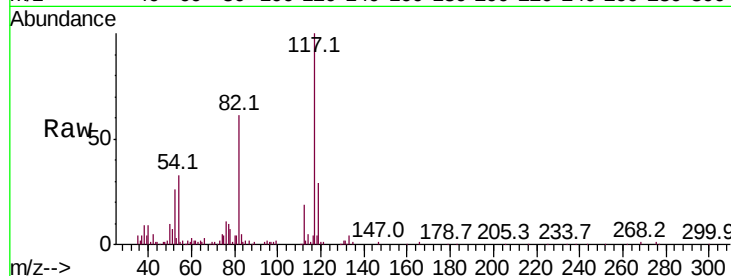
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	112	Resp:	28080
Ion Ratio	Lower	Upper	
112	100		
77	53.5	54.2	81.4#
114	25.9	28.5	34.9#

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#58

Ethyl Benzene

Concen: 0.064 ppbv m

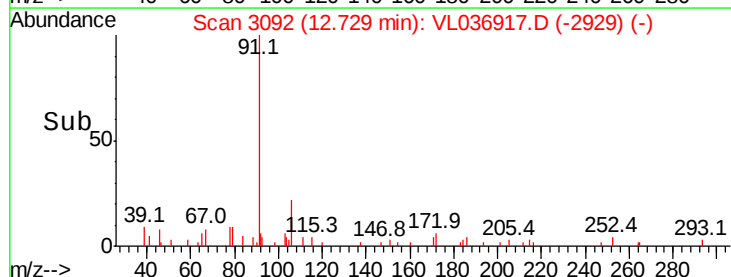
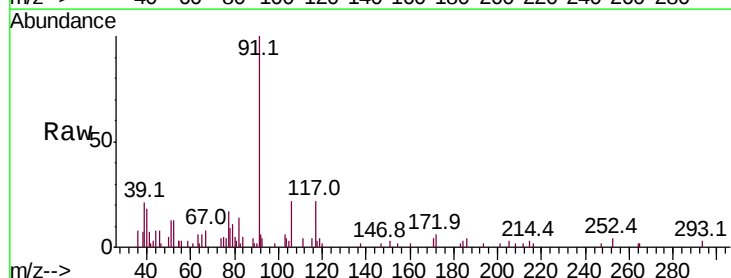
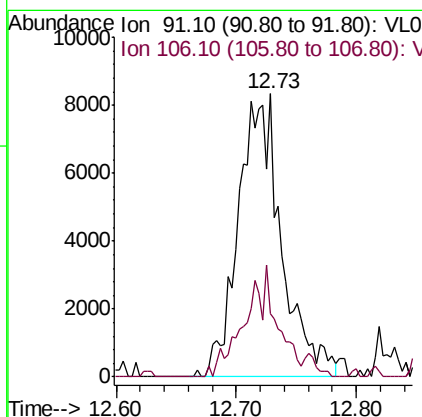
RT: 12.73 min Scan# 3092

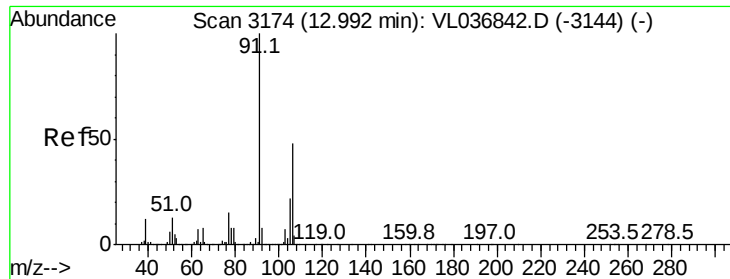
Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	91	Resp:	20875
Ion Ratio	Lower	Upper	
91	100		
106	22.3	25.1	37.7#





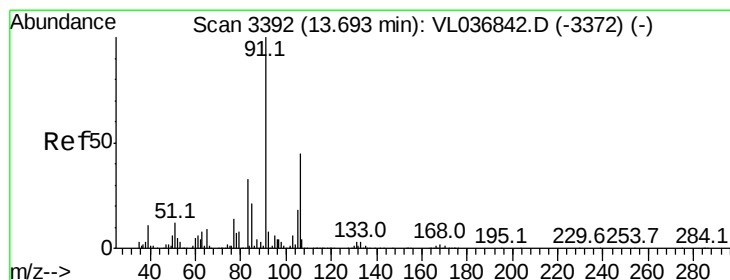
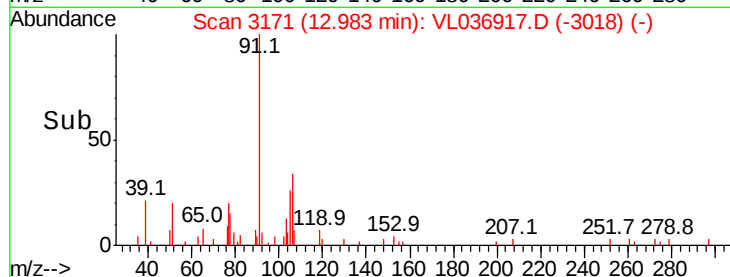
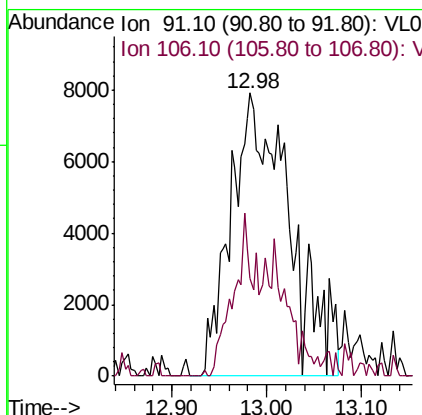
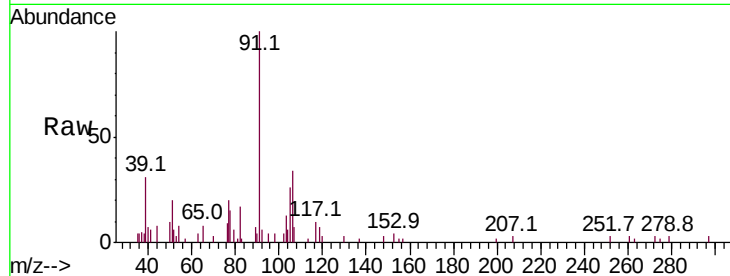
#59
m/p-Xylene
Concen: 0.118 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion: 91 Resp: 34329
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.6#

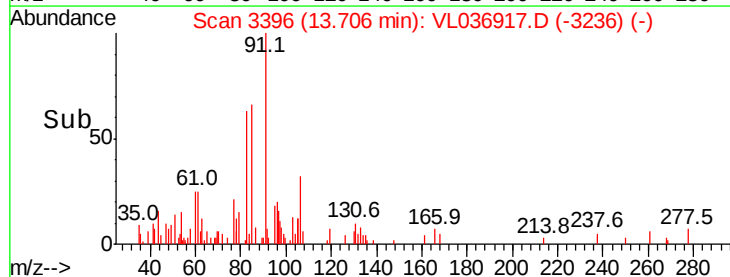
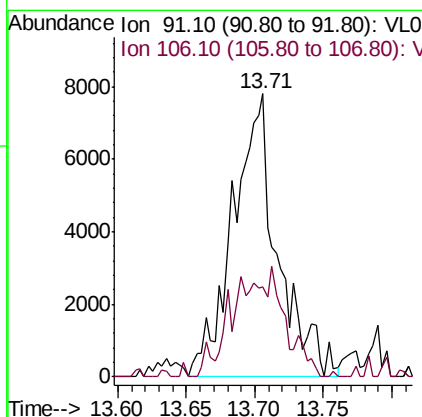
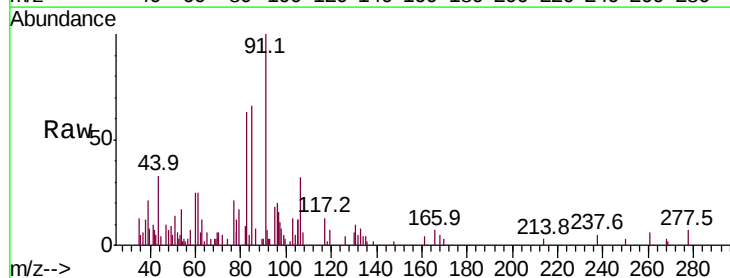
Manual Integrations
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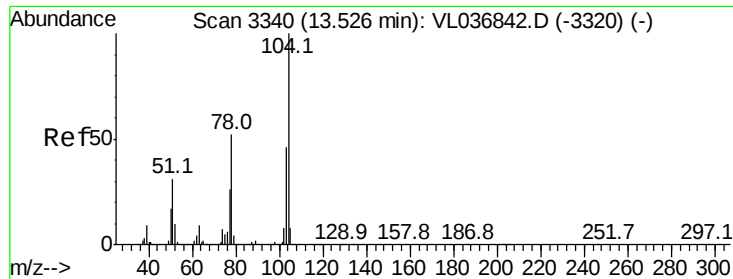
MMDadoda
5/10/2021 3:34:32 PM



#60
o-Xylene
Concen: 0.063 ppbv m
RT: 13.71 min Scan# 3396
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion: 91 Resp: 17678
Ion Ratio Lower Upper
91 100
106 2.2 22.6 67.7#





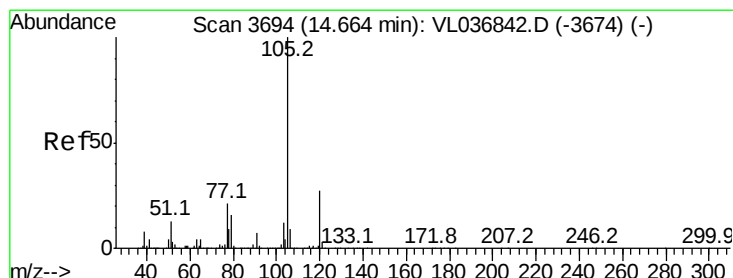
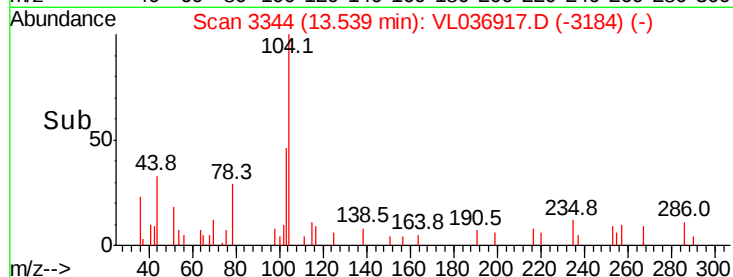
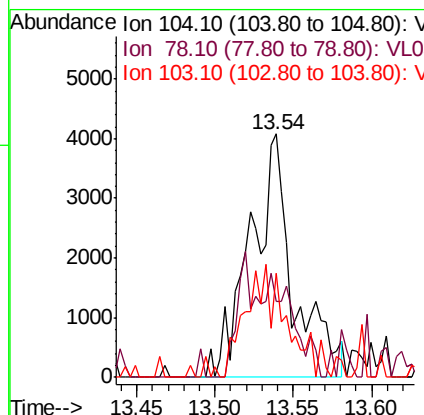
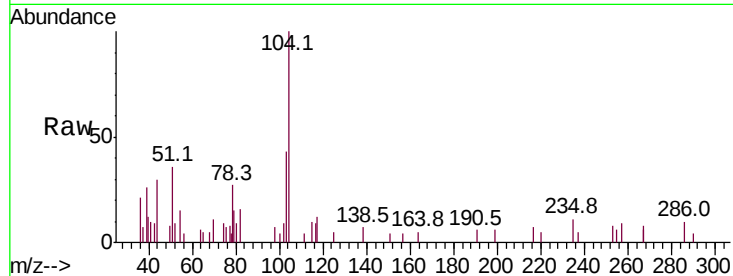
#61
Stvrene
Concen: 0.058 ppbv m
RT: 13.54 min Scan# 3344
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	64.0#
103	50.5	38.1	57.1

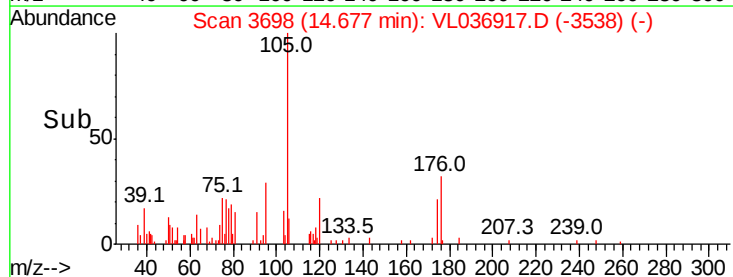
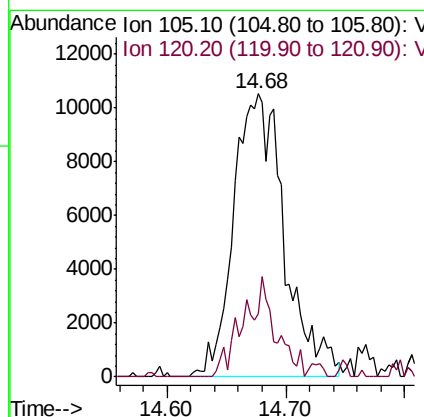
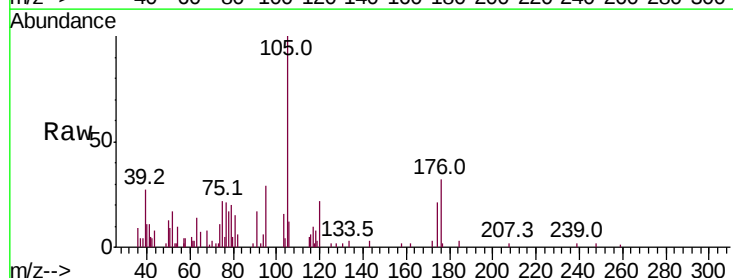
Manual Integrations
APPROVED

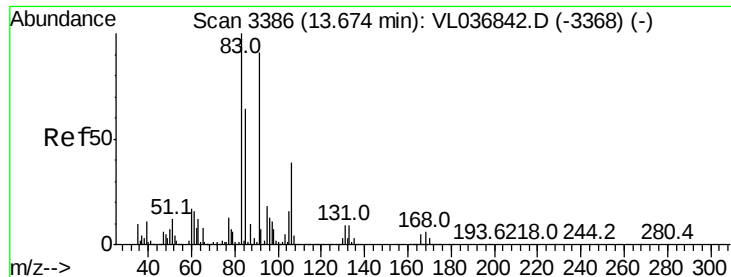
MMDadoda
5/10/2021 3:34:32 PM



#62
Isopropylbenzene
Concen: 0.081 ppbv m
RT: 14.68 min Scan# 3698
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.7	21.1	31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 0.127 ppbv m

RT: 13.70 min Scan# 3393

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

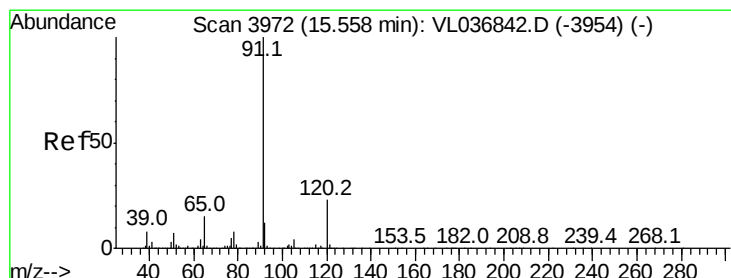
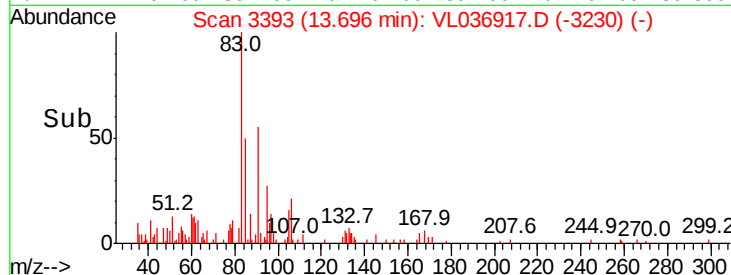
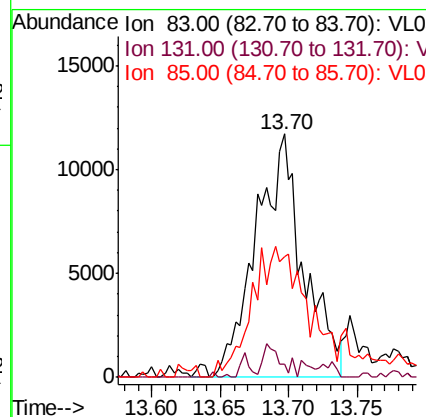
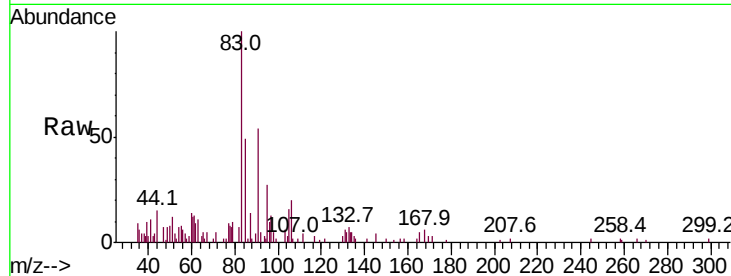
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	83	Resp:	28570
Ion Ratio	Lower	Upper	
83	100		
131	6.9	4.8	14.3
85	0.0	32.8	98.4#

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5/10/2021 3:34:32 PM



#64

n-propylbenzene

Concen: 0.045 ppbv m

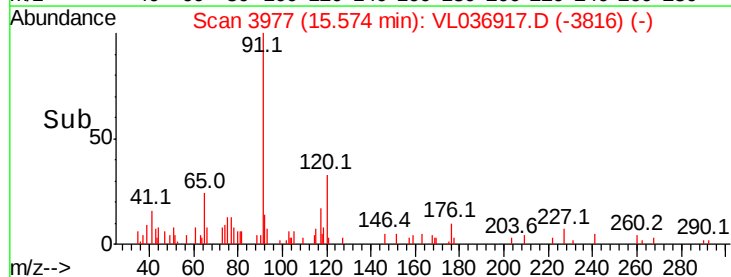
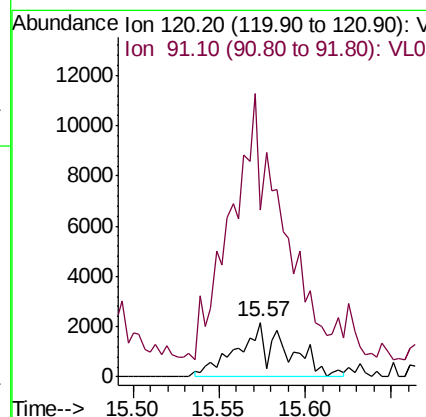
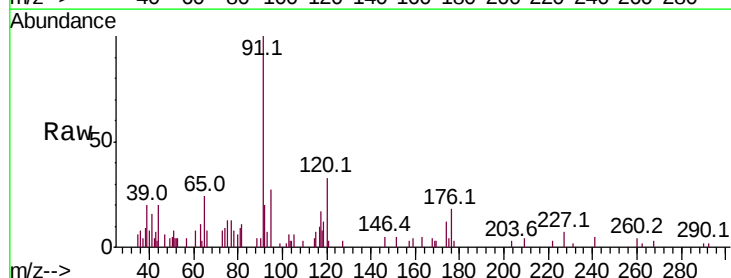
RT: 15.57 min Scan# 3977

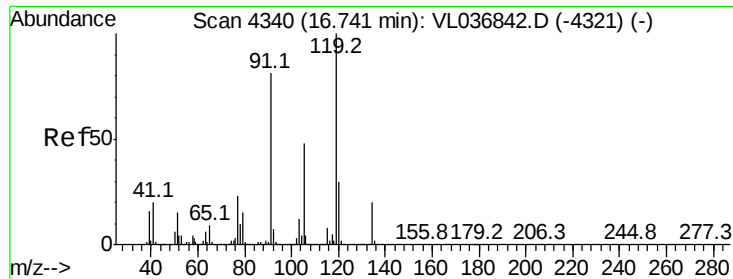
Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	120	Resp:	4297
Ion Ratio	Lower	Upper	
120	100		
91	739.2	378.6	567.8#





#65

tert-Butylbenzene

Concen: 0.058 ppbv m

RT: 16.76 min Scan# 4345

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

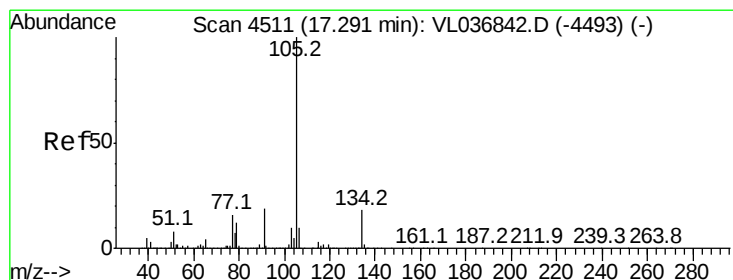
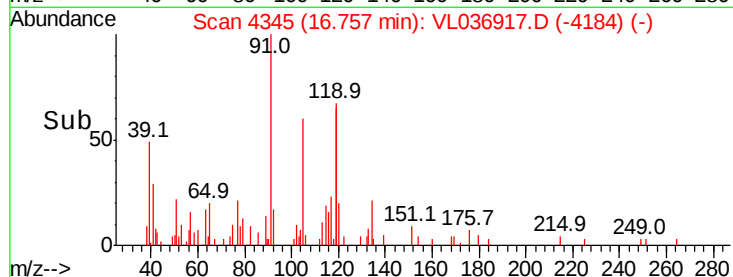
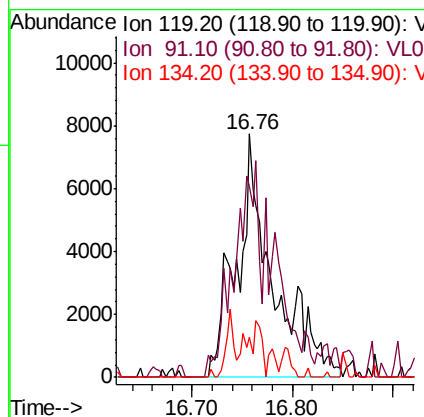
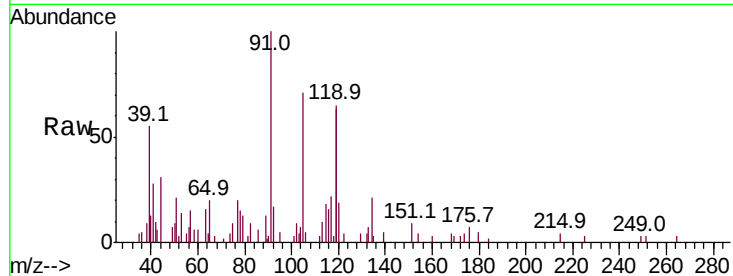
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion	Ratio	Resp	Lower	Upper
119	100	19546		
91	104.7	67.0	100.6#	
134	0.0	15.8	23.6#	

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5/10/2021 3:34:32 PM



#67

sec-Butylbenzene

Concen: 0.062 ppbv m

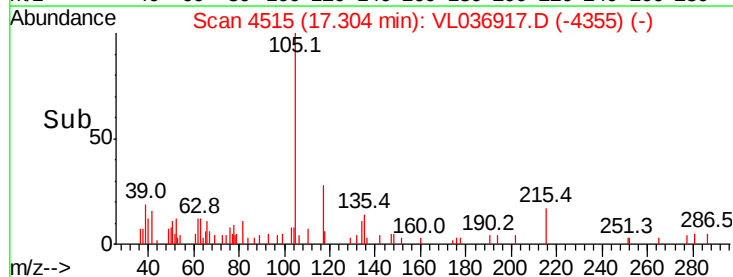
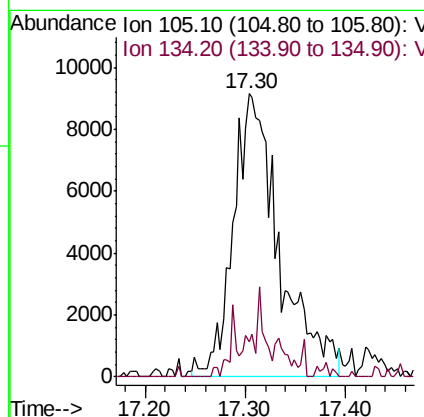
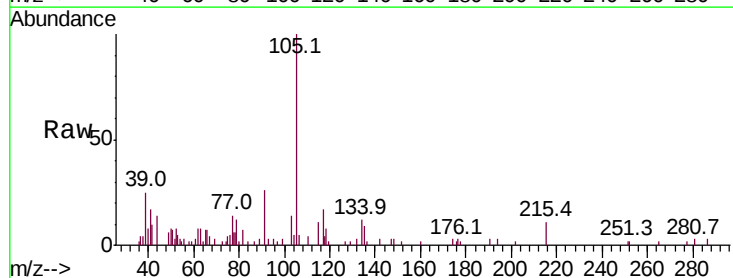
RT: 17.30 min Scan# 4515

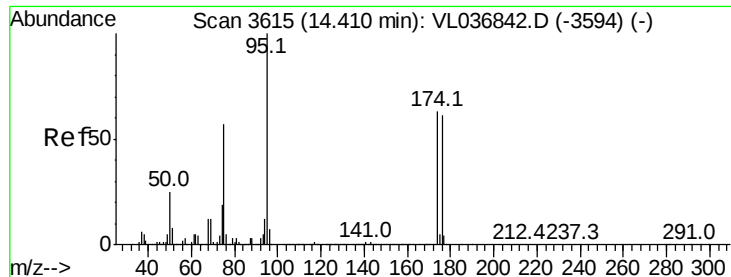
Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	29251		
134	18.3	14.8	22.2	





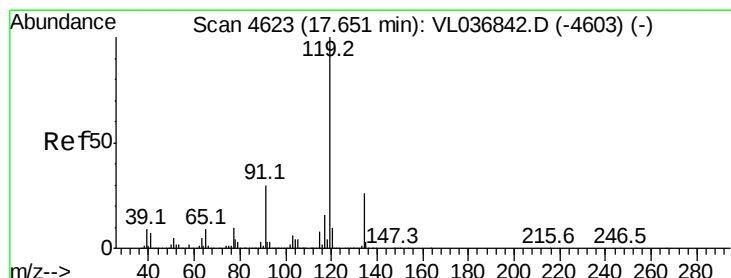
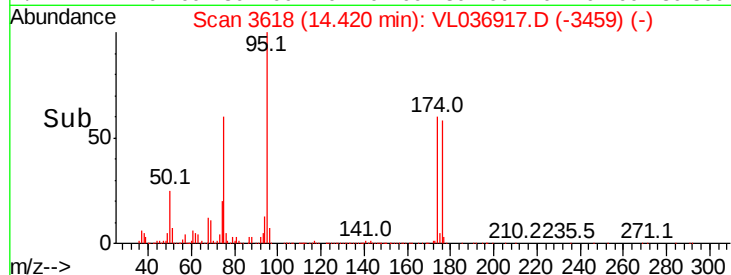
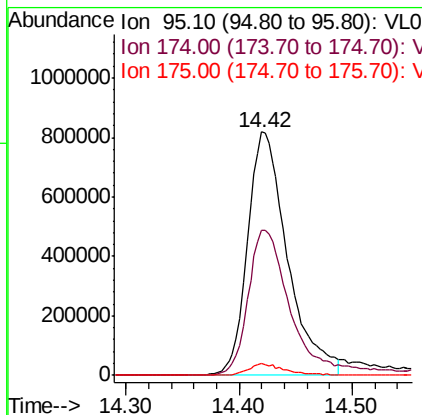
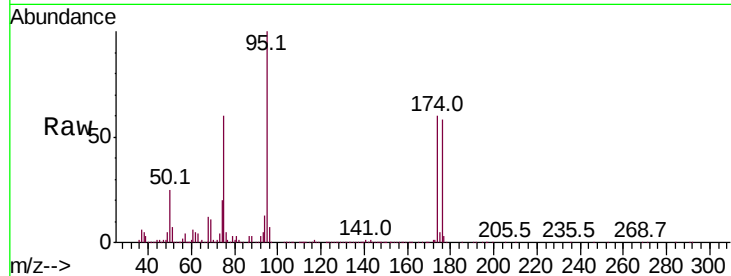
#68
1-Bromo-4-Fluorobenzene
Concen: 9.752 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion: 95 Resp: 2011978
Ion Ratio Lower Upper
95 100
174 67.4 52.2 78.2
175 4.8 4.0 6.0

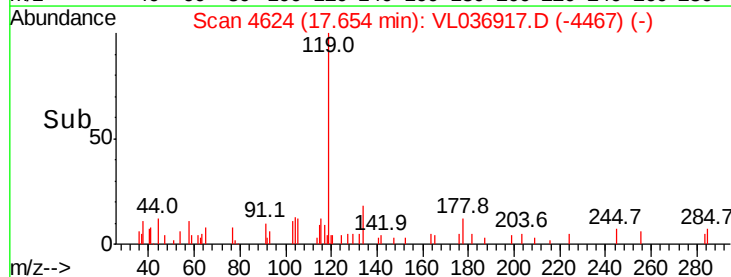
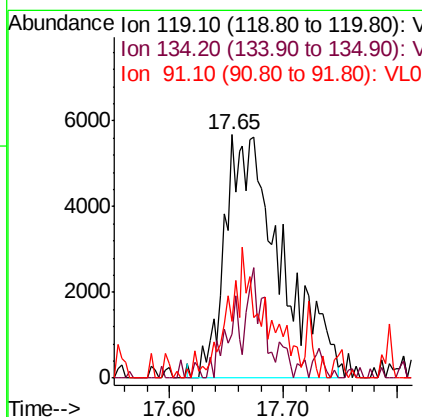
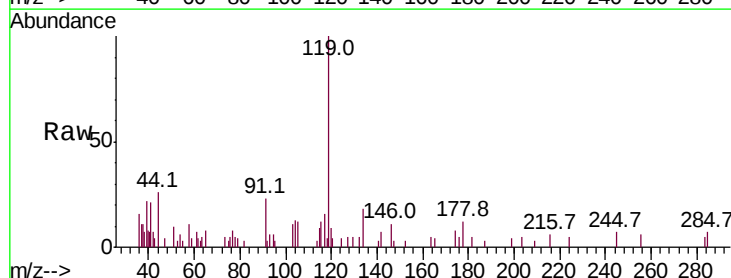
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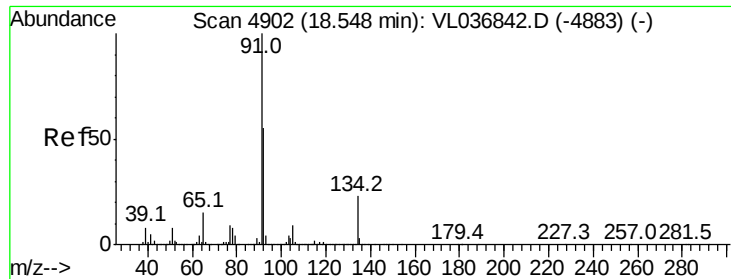
MMDadoda
5/10/2021 3:34:32 PM



#69
p-Isopropyltoluene
Concen: 0.051 ppbv m
RT: 17.65 min Scan# 4624
Delta R.T. 0.00 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion: 119 Resp: 19078
Ion Ratio Lower Upper
119 100
134 0.0 20.6 31.0#
91 34.9 24.2 36.4





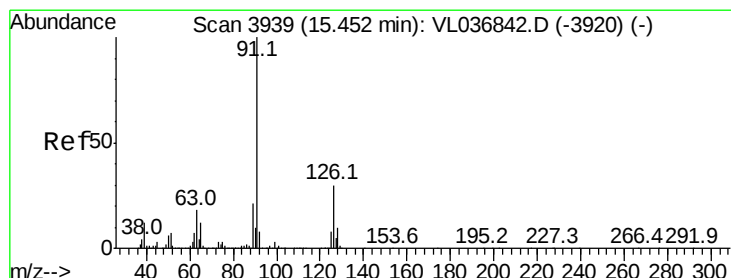
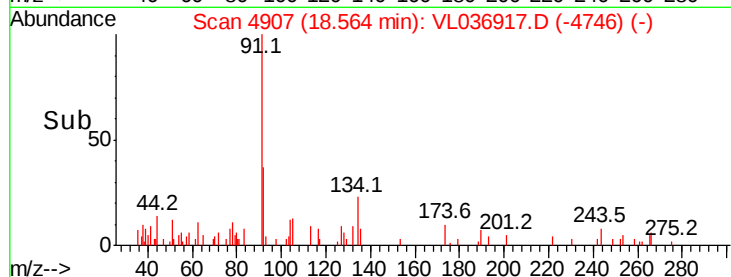
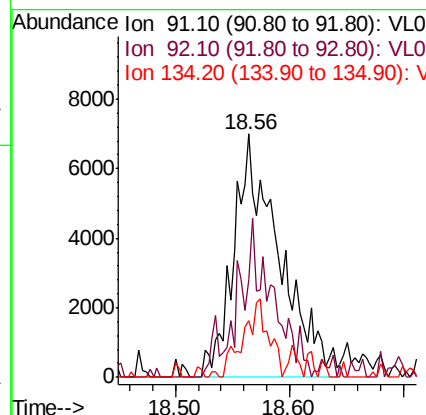
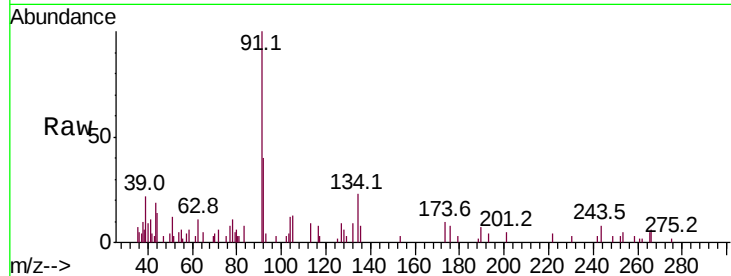
#70
n-Butylbenzene
Concen: 0.051 ppbv m
RT: 18.56 min Scan# 4907
Delta R.T. 0.02 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Resp	Lower	Upper
91	100	19575		
92	51.3		43.5	65.3
134	0.0		18.2	27.4#

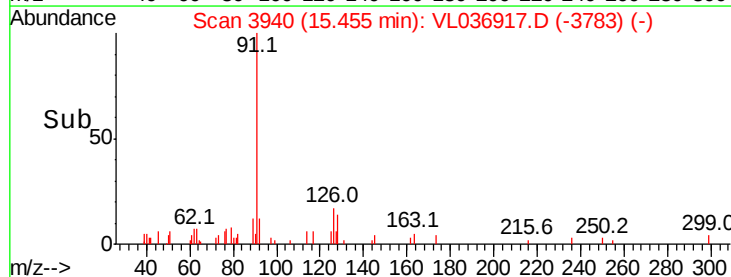
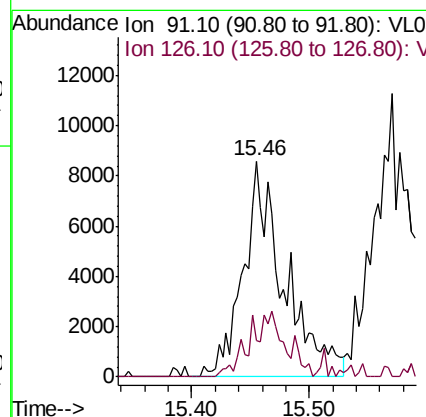
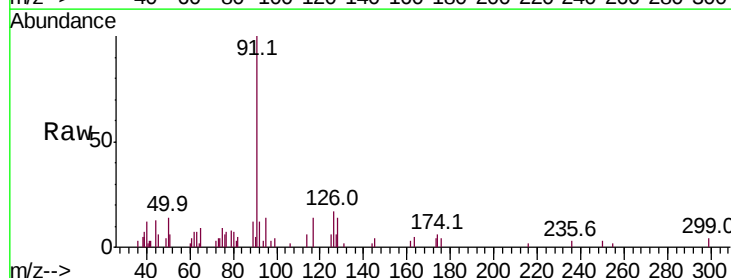
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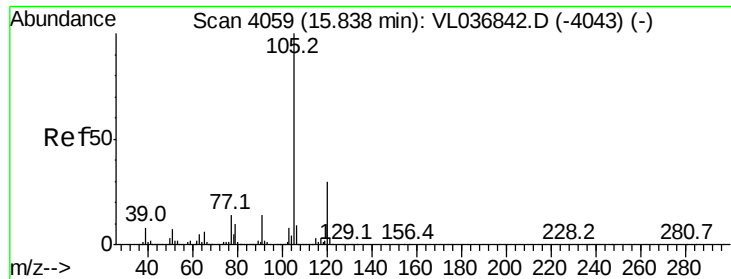
MMDadoda
5/10/2021 3:34:32 PM



#71
2-Chlorotoluene
Concen: 0.072 ppbv m
RT: 15.46 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	20361		
126	27.1		12.3	49.3





#72

4-Ethyltoluene

Concen: 0.055 ppbv m

RT: 15.85 min Scan# 4062

Delta R.T. 0.01 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

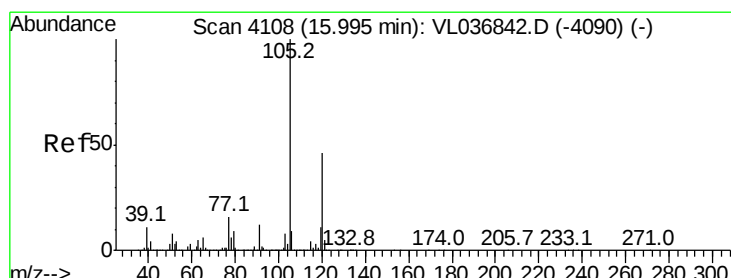
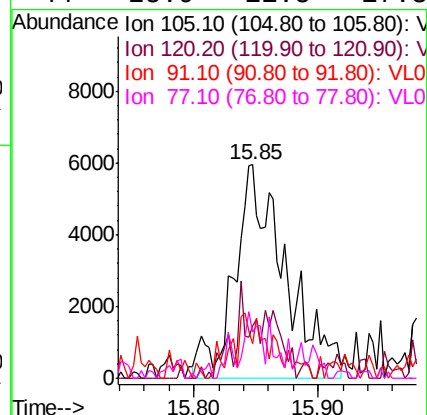
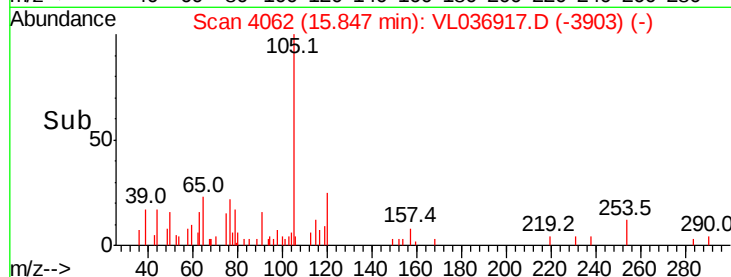
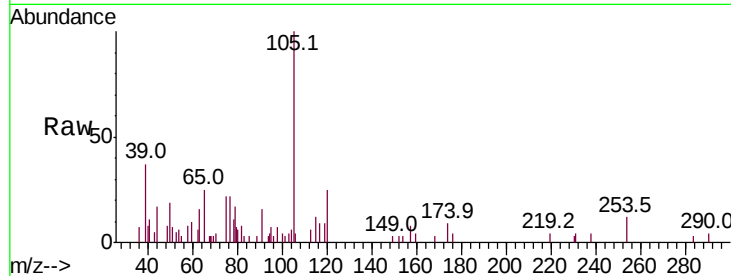
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	105	Resp:	16779
Ion Ratio	Lower	Upper	
105	100		
120	29.0	23.8	35.6
91	23.1	10.7	16.1#
77	25.9	11.5	17.3#

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5/10/2021 3:34:32 PM



#73

1,3,5-Trimethylbenzene

Concen: 0.057 ppbv m

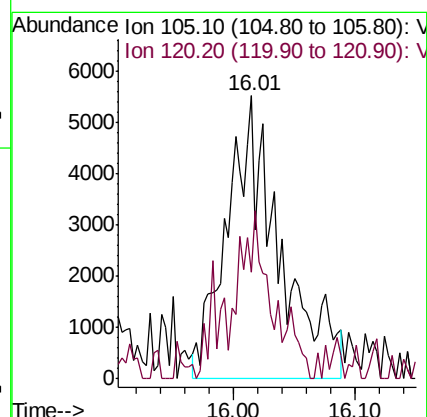
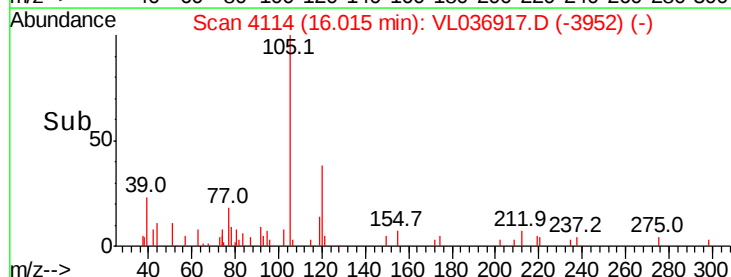
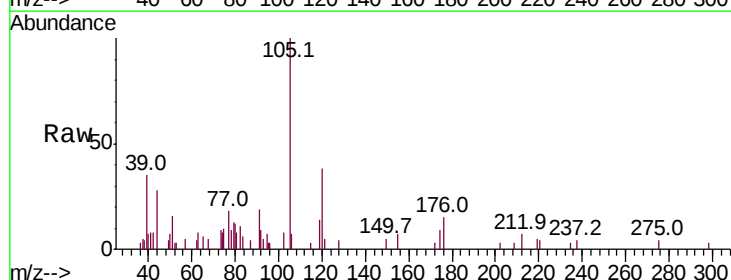
RT: 16.01 min Scan# 4114

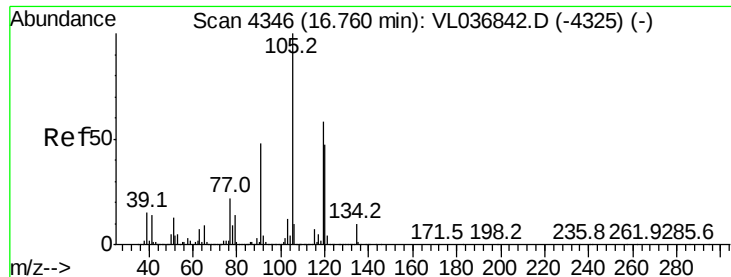
Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	105	Resp:	16637
Ion Ratio	Lower	Upper	
105	100		
120	37.7	36.8	55.2





#74

1,2,4-Trimethylbenzene

Concen: 0.056 ppbv m

RT: 16.78 min Scan# 4352

Delta R.T. 0.02 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Instrument :

MSVOA_L

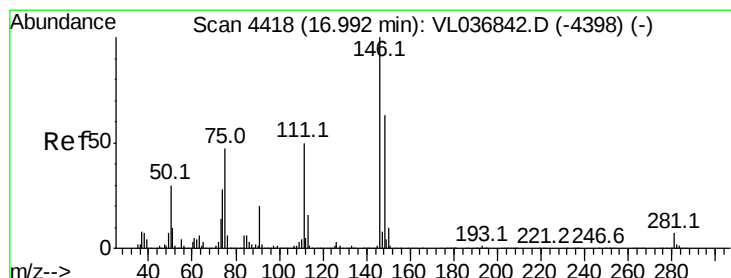
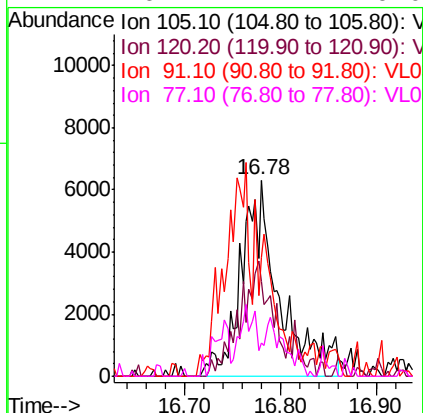
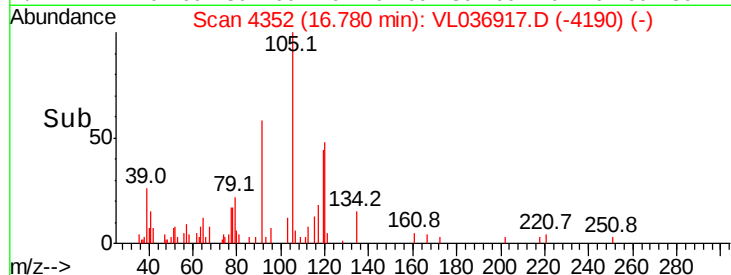
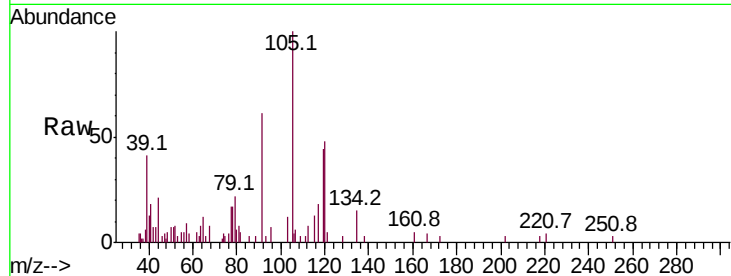
ClientSampleId :

MDL-AIR-03-QT2-2021

Tot Ion:	105	Resp:	17574
Ion Ratio	Lower	Upper	
105	100		
120	48.1	37.6	56.4
91	60.5	39.0	58.4#
77	16.7	17.4	26.0#

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#75

1,3-Dichlorobenzene

Concen: 0.100 ppbv m

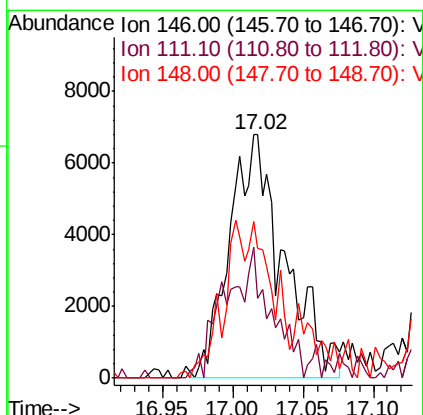
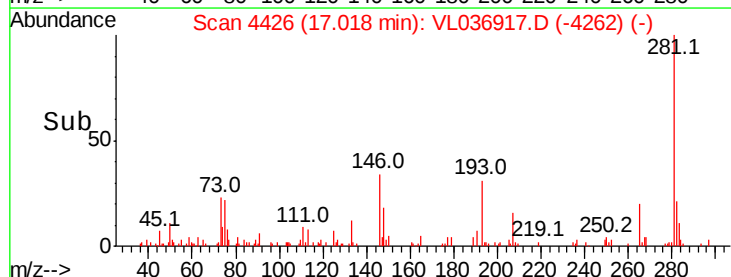
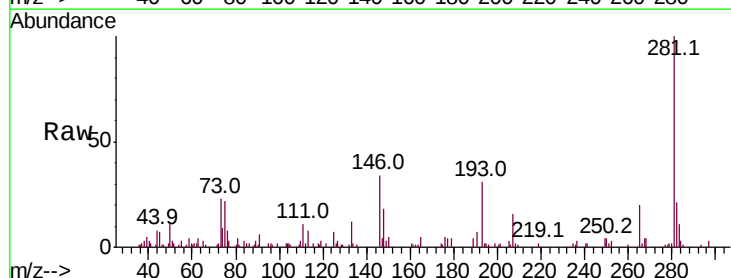
RT: 17.02 min Scan# 4426

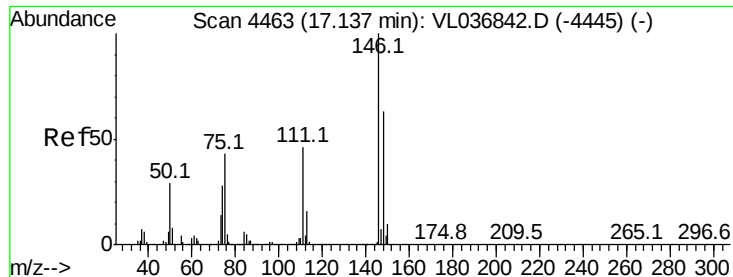
Delta R.T. 0.03 min

Lab File: VL036917.D

Acq: 7 May 2021 13:39

Tgt Ion:	146	Resp:	18390
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.2	72.6#
148	69.3	32.1	96.3





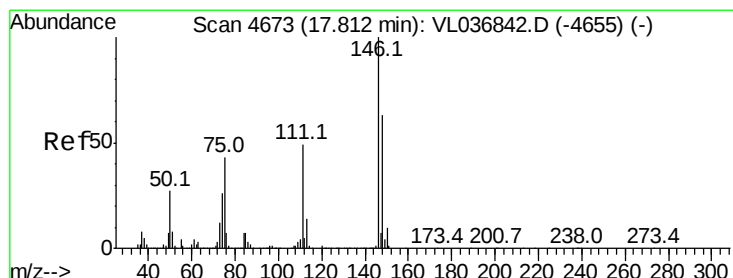
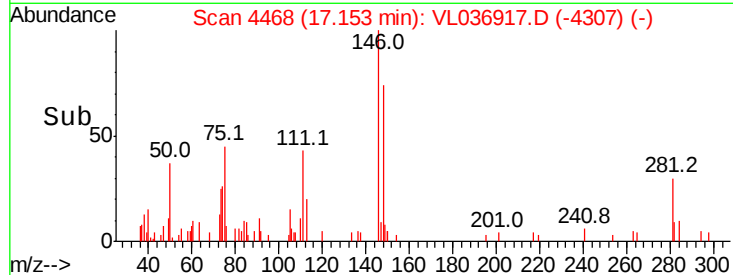
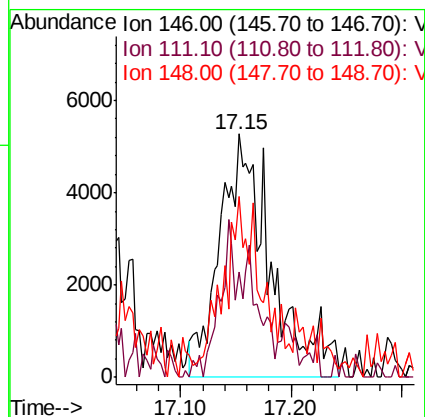
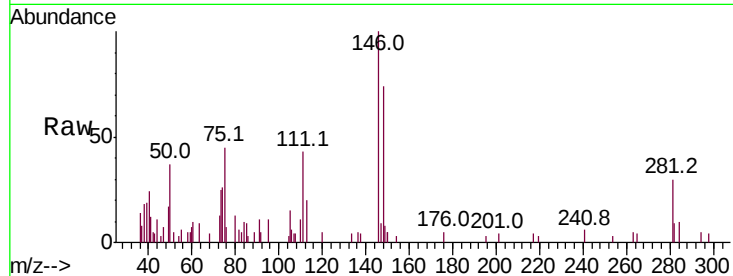
#76
 1,4-Dichlorobenzene
 Concen: 0.094 ppbv m
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.3	72.8#
148	70.3	32.4	97.0

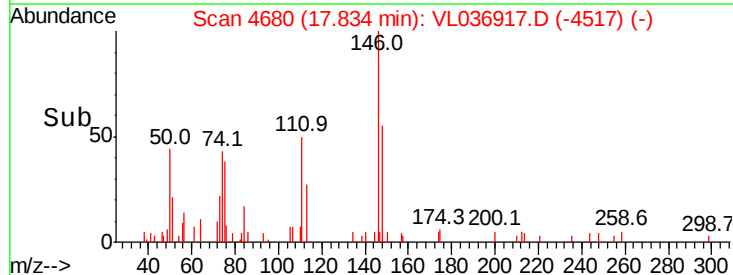
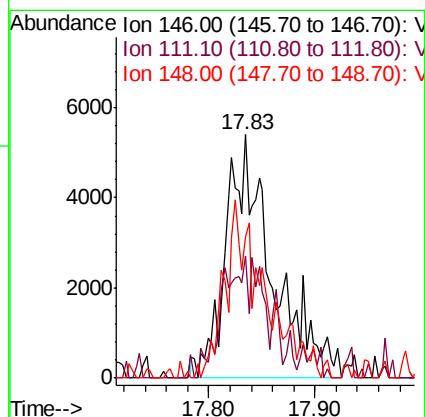
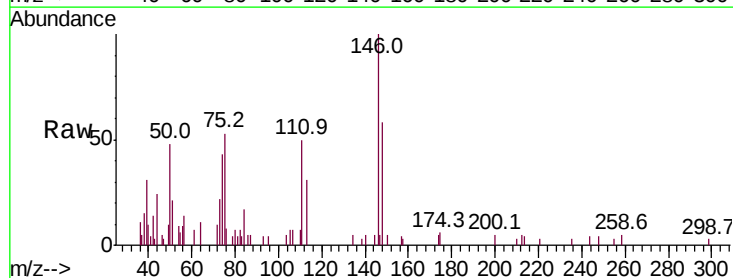
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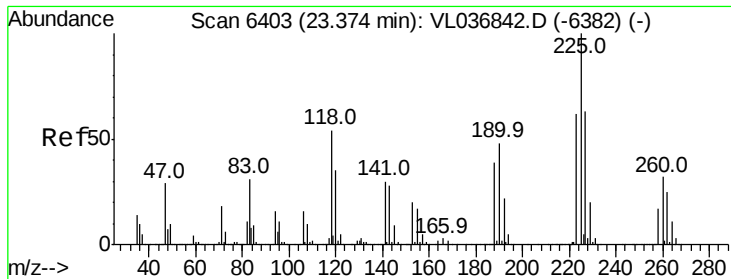
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#77
 1,2-Dichlorobenzene
 Concen: 0.090 ppbv m
 RT: 17.83 min Scan# 4680
 Delta R.T. 0.02 min
 Lab File: VL036917.D
 Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.0	75.0#
148	64.5	32.4	97.0





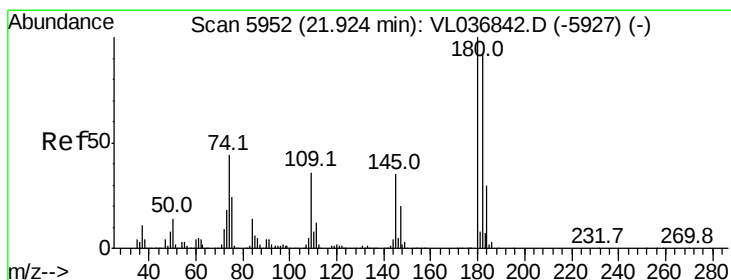
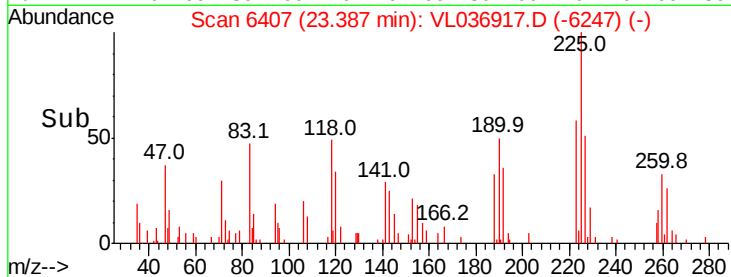
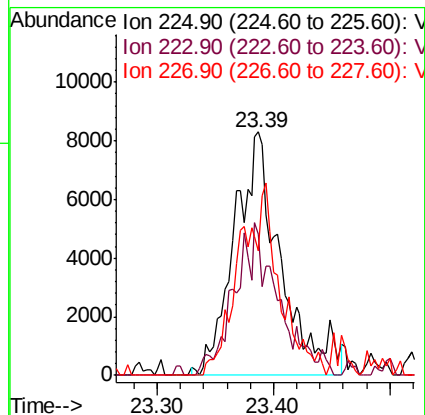
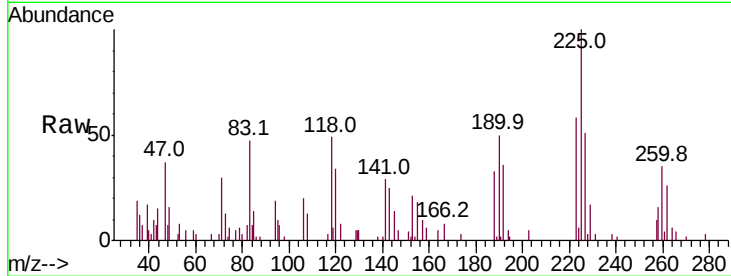
#78
Hexachloro-1,3-Butadiene
Concen: 0.150 ppbv m
RT: 23.39 min Scan# 6407
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.2	76.8
227	68.2	51.8	77.6

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5/10/2021 3:34:32 PM



#81
1,2,4-Trichlorobenzene
Concen: 0.052 ppbv m
RT: 21.94 min Scan# 5956
Delta R.T. 0.01 min
Lab File: VL036917.D
Acq: 7 May 2021 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	80.9	121.3#
184	28.2	25.3	37.9

