

Data File : VL037049.D
Acq On : 24 May 2021 15:33
Operator : SY/AP
Sample : M2262-14 0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/25/2021 6:00:31 PM

Quant Time: May 25 03:08:59 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	1211416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3599183	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3236388	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2341877	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	144475	0.703	ppbv	94
3) Chlorodifluoromethane	2.97	51	133461	0.601	ppbv	94
4) Chloromethane	3.12	50	38914	0.515	ppbv	96
5) Vinyl Chloride	3.24	62	46643	0.565	ppbv	95
6) Bromomethane	3.46	94	26383m	0.607	ppbv	
7) Chloroethane	3.54	64	14696	0.548	ppbv	99
8) Dichlorotetrafluoroethane	3.17	85	120832	0.626	ppbv	93
9) Propene	2.99	41	45966	0.578	ppbv	97
10) Heptane	8.10	43	98282	0.496	ppbv	99
11) Trichlorofluoromethane	3.93	101	116571	0.613	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.46	101	87275	0.644	ppbv	97
13) Ethanol	3.62	45	9963m	0.940	ppbv	
14) Bromoethene	3.72	108	33062	0.554	ppbv #	89
15) Acetone	3.85	43	73495m	0.592	ppbv	
16) 1,3-Butadiene	3.31	39	45563m	0.591	ppbv	
17) tert-Butyl alcohol	4.30	59	64206m	0.565	ppbv	
18) 1,1-Dichloroethene	4.27	96	35482m	0.566	ppbv	
19) Isopropyl Alcohol	3.98	45	44318m	0.664	ppbv	
20) Methylene Chloride	4.32	84	52247	0.786	ppbv	97
21) Allyl Chloride	4.39	41	44514	0.476	ppbv #	82
22) trans-1,2-Dichloroethene	4.86	96	34264m	0.571	ppbv	
23) Vinyl Acetate	5.07	43	82651	0.420	ppbv #	91
24) 1,1-Dichloroethane	4.99	63	70898	0.500	ppbv #	97
25) Ethyl Acetate	5.67	43	154722	0.519	ppbv	98
26) Hexane	5.67	57	87830	0.577	ppbv	90
27) Carbon Disulfide	4.53	76	63805m	0.416	ppbv	
28) Methyl tert-Butyl Ether	5.03	73	87174	0.477	ppbv	98
29) Chloroform	5.73	83	126731	0.589	ppbv	100
30) Cyclohexane	7.11	84	70404m	0.544	ppbv	
31) cis-1,2-Dichloroethene	5.52	61	65691	0.481	ppbv	87
32) 1,1,1-Trichloroethane	6.49	97	113340	0.490	ppbv	93
34) 2-Butanone	5.24	43	74536m	0.569	ppbv	
35) Carbon Tetrachloride	7.00	117	112726	0.471	ppbv	97
36) Benzene	6.87	78	165701	0.534	ppbv	97
37) 1,2-Dichloroethane	6.29	62	88327m	0.575	ppbv	
38) Trichloroethene	7.81	130	72776m	0.549	ppbv	
39) 1,2-Dichloropropane	7.59	63	66629m	0.558	ppbv	
40) 1,4-Dioxane	7.85	88	22134m	0.785	ppbv	
41) Tetrahydrofuran	6.06	42	34989m	0.469	ppbv	
42) Bromodichloromethane	7.77	83	104257	0.448	ppbv #	94
43) Methyl Methacrylate	8.00	69	49372m	0.462	ppbv	

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
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Response via : Initial Calibration

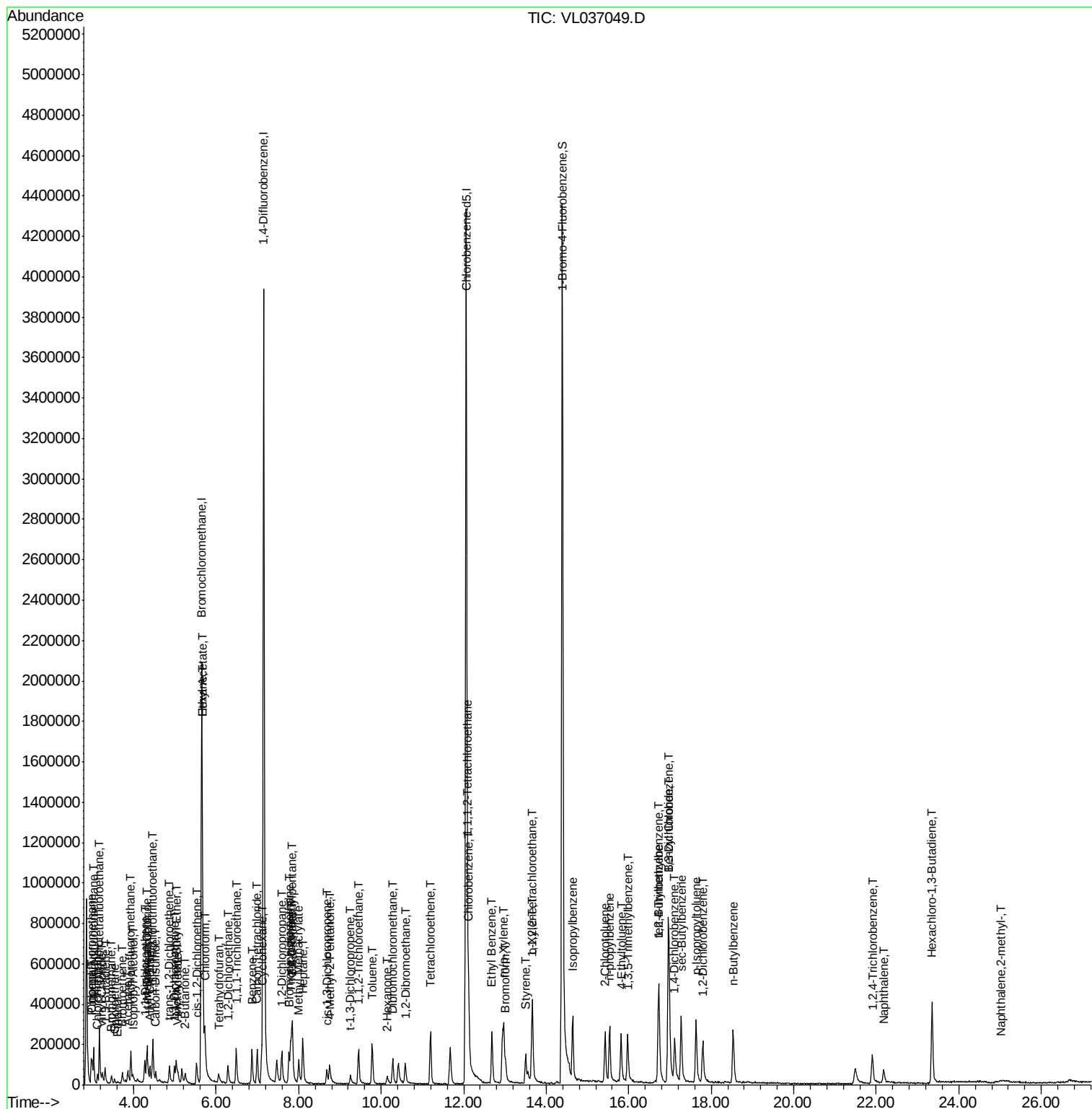
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	277202	0.521	ppbv	98
45) t-1,3-Dichloropropene	9.25	75	26299m	0.322	ppbv	
46) cis-1,3-Dichloropropene	8.68	75	42288m	0.385	ppbv	
47) 1,1,2-Trichloroethane	9.45	97	62639	0.501	ppbv	90
48) Dibromochloromethane	10.28	129	81581m	0.403	ppbv	
49) Bromoform	13.01	173	54700m	0.327	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	97232m	0.450	ppbv	
51) 2-Hexanone	10.14	43	42030m	0.368	ppbv	
52) Tetrachloroethene	11.20	164	72893m	0.591	ppbv	
53) Toluene	9.78	91	178432	0.484	ppbv	98
54) 1,2-Dibromoethane	10.59	107	84316	0.474	ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.10	131	67413	0.495	ppbv #	1
57) Chlorobenzene	12.12	112	154962m	0.618	ppbv	
58) Ethyl Benzene	12.69	91	243451	0.533	ppbv	94
59) m/p-Xylene	12.97	91	422024m	1.118	ppbv	
60) o-Xylene	13.67	91	205856	0.572	ppbv	98
61) Styrene	13.50	104	91113	0.449	ppbv	92
62) Isopropylbenzene	14.64	105	295013	0.570	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.65	83	131301	0.488	ppbv	96
64) n-propylbenzene	15.54	120	64915	0.486	ppbv #	61
65) tert-Butylbenzene	16.72	119	260526	0.558	ppbv	94
66) Benzyl Chloride	16.97	91	8062m	0.311	ppbv	
67) sec-Butylbenzene	17.27	105	337465	0.530	ppbv	98
69) p-Isopropyltoluene	17.63	119	265559	0.485	ppbv	97
70) n-Butylbenzene	18.53	91	240280	0.462	ppbv	100
71) 2-Chlorotoluene	15.43	91	197704	0.529	ppbv	98
72) 4-Ethyltoluene	15.81	105	214354	0.502	ppbv	96
73) 1,3,5-Trimethylbenzene	15.97	105	197175	0.491	ppbv	92
74) 1,2,4-Trimethylbenzene	16.74	105	211201	0.509	ppbv #	92
75) 1,3-Dichlorobenzene	16.97	146	138821m	0.548	ppbv	
76) 1,4-Dichlorobenzene	17.11	146	136341m	0.532	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	122798	0.484	ppbv	90
78) Hexachloro-1,3-Butadiene	23.36	225	103745m	0.508	ppbv	
79) Naphthalene	22.18	128	83909	0.258	ppbv #	96
80) Naphthalene,2-methyl-	25.03	142	13560m	0.192	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	71064m	0.358	ppbv	

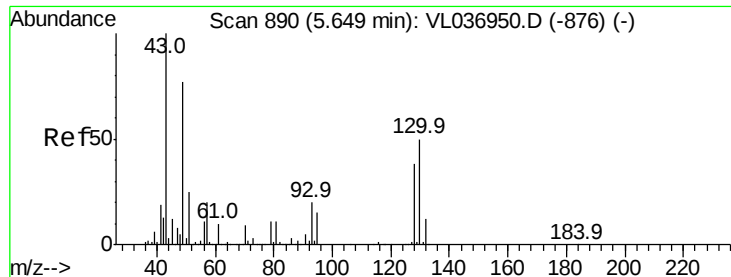
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

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MSVOA_L

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LOQ-AIR-02-QT2-2021

Tgt Ion: 49 Resp: 1211416

Ion Ratio Lower Upper

49 100

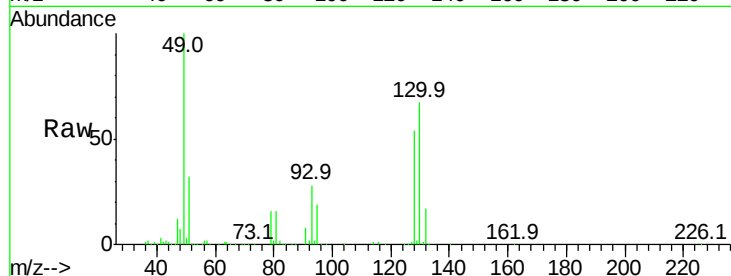
128 56.9 26.9 80.7

130 72.9 33.8 101.4

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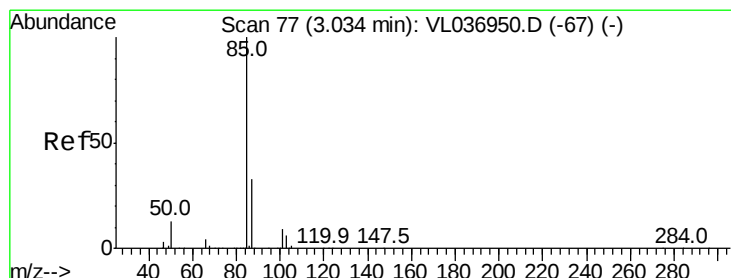
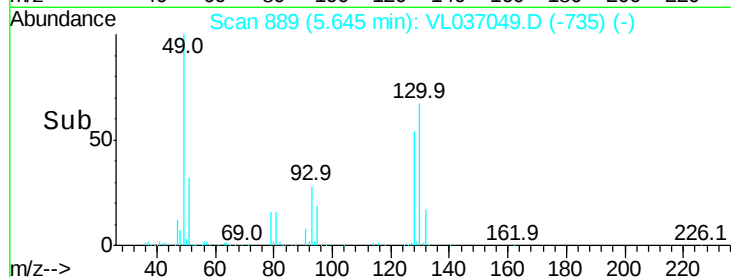
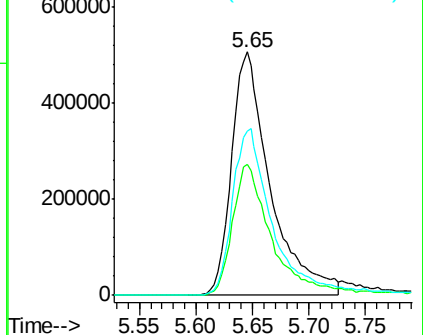
5/25/2021 6:00:31 PM



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: 0.703 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL037049.D

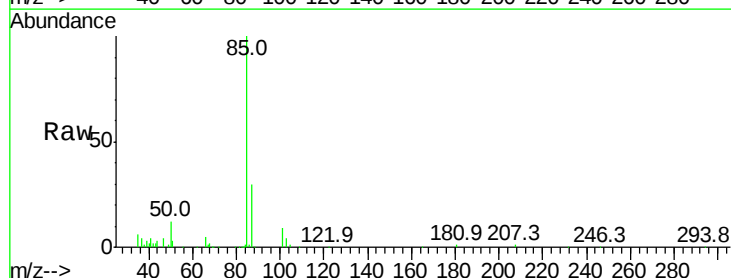
Acq: 24 May 2021 15:33

Tgt Ion: 85 Resp: 144475

Ion Ratio Lower Upper

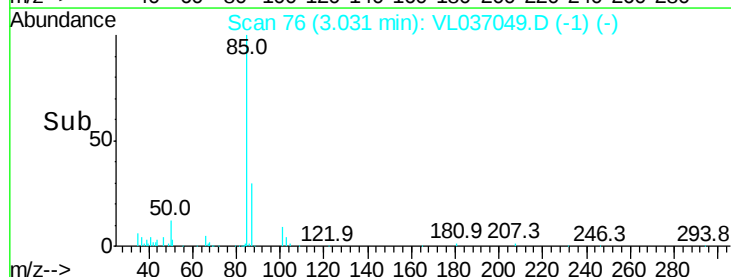
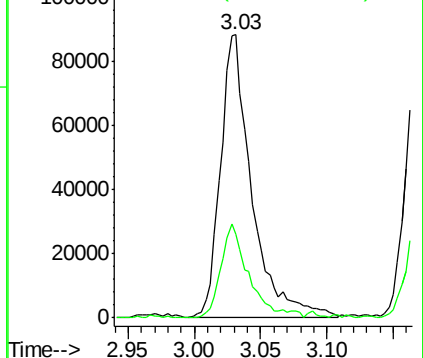
85 100

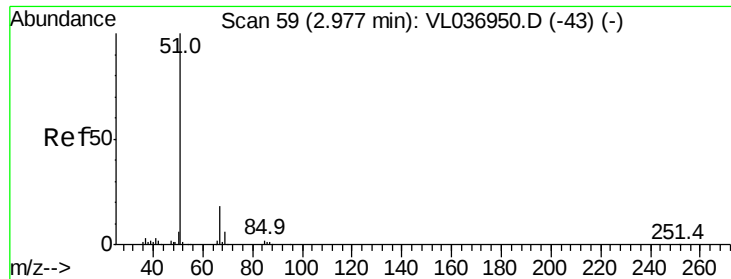
87 29.7 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





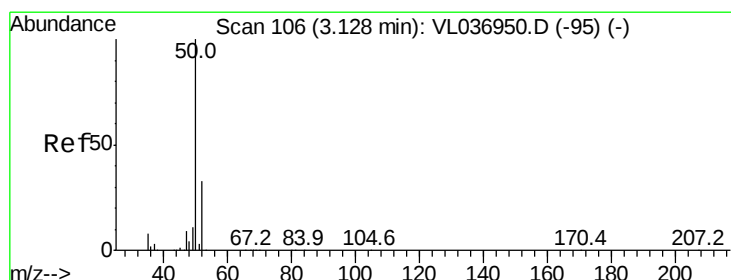
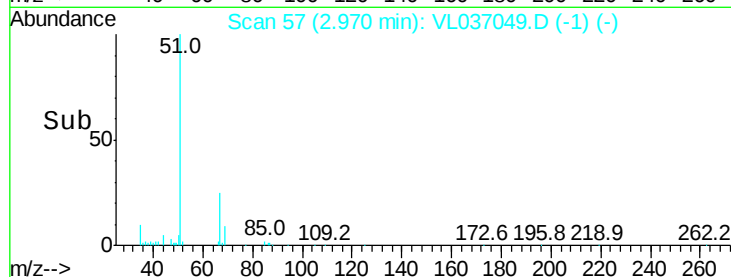
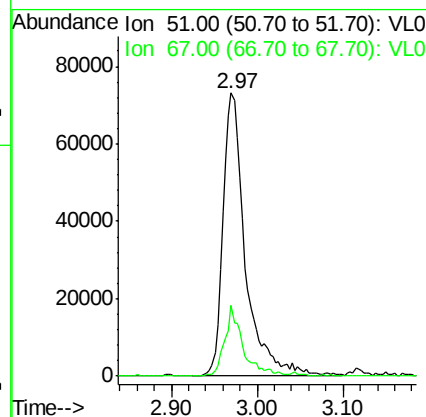
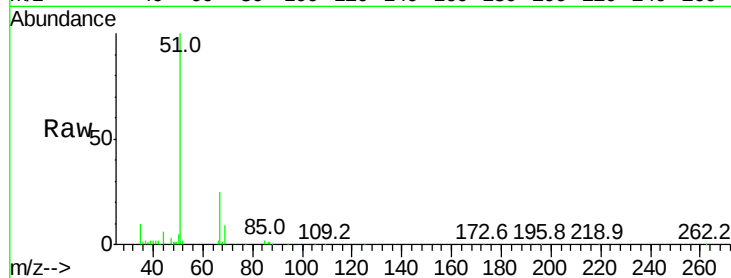
#3
Chlorodifluoromethane
Concen: 0.601 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
51	100		
67	20.8	14.6	21.8

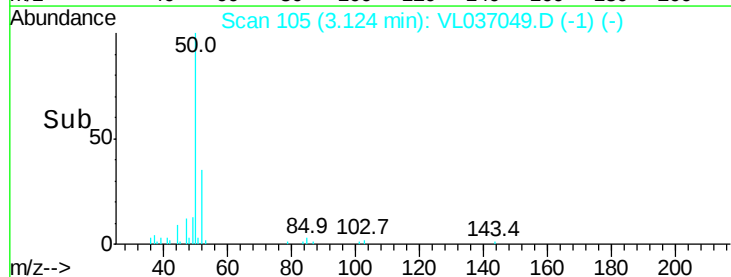
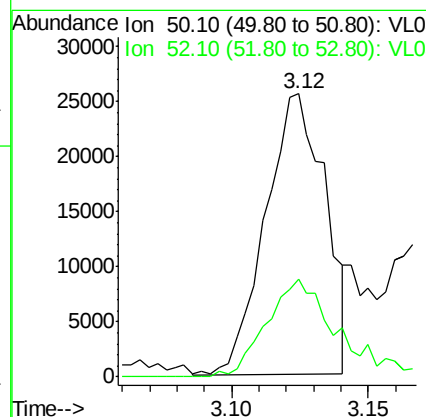
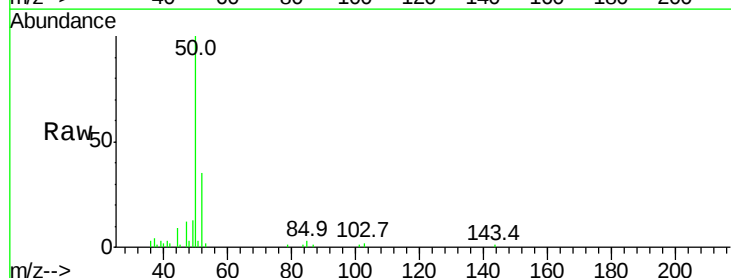
Manual Integrations
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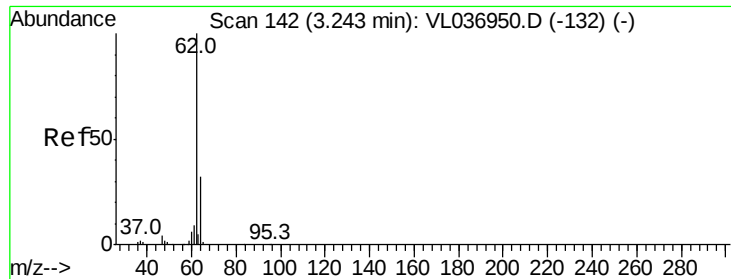
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#4
Chloromethane
Concen: 0.515 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.1	39.1





#5

Vinyl Chloride

Concen: 0.565 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 62 Resp: 46643

Ion Ratio Lower Upper

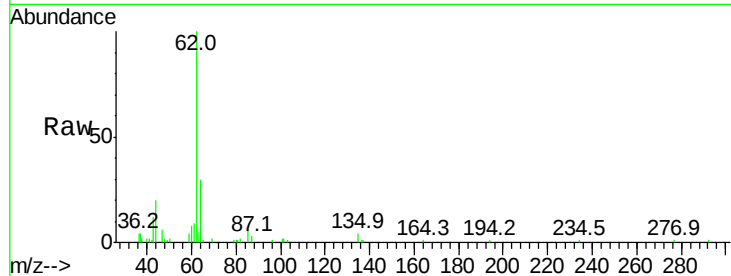
62 100

64 29.7 25.9 38.9

Manual Integrations
APPROVED

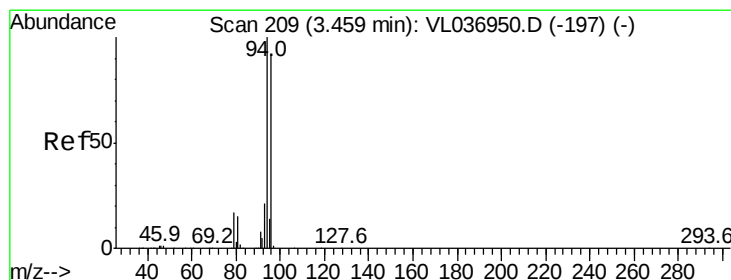
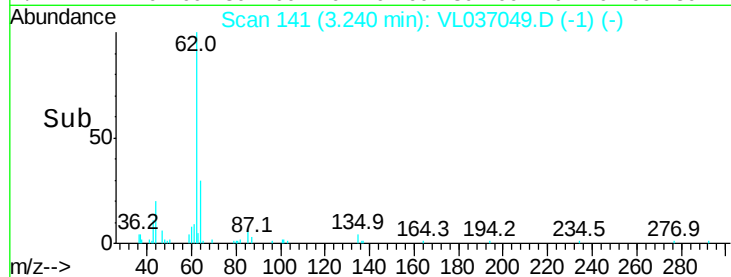
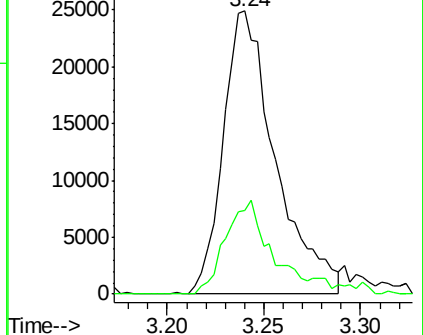
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.607 ppbv m

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037049.D

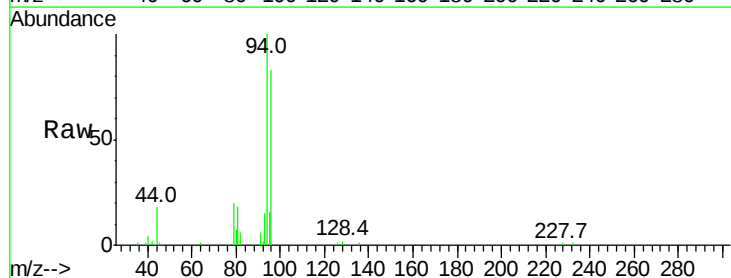
Acq: 24 May 2021 15:33

Tgt Ion: 94 Resp: 26383

Ion Ratio Lower Upper

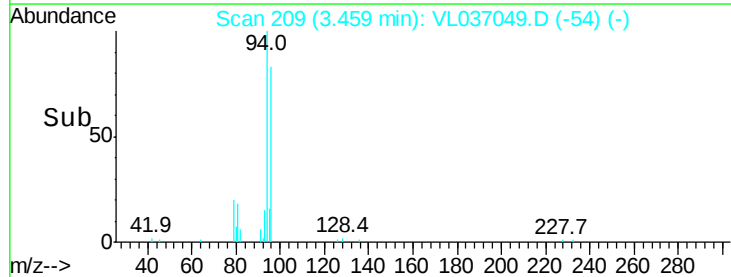
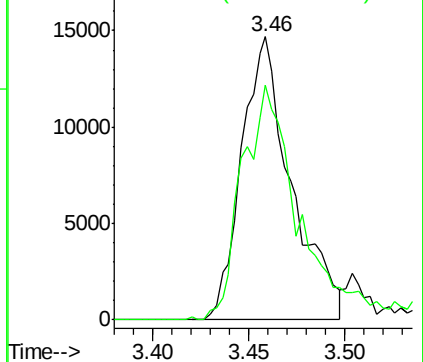
94 100

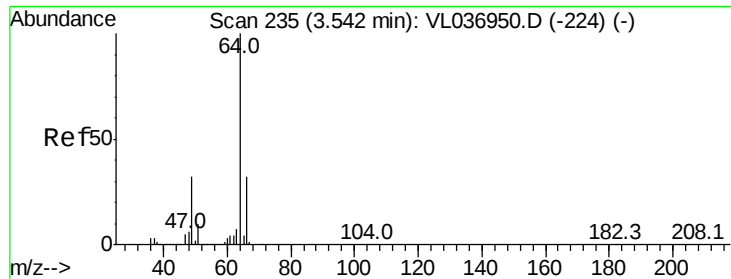
96 83.1 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.548 ppbv

RT: 3.54 min Scan# 233

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 64 Resp: 14696

Ion Ratio Lower Upper

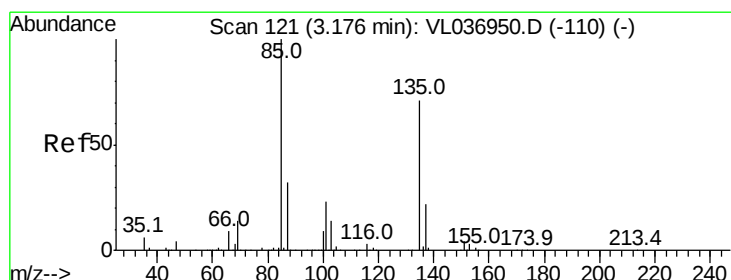
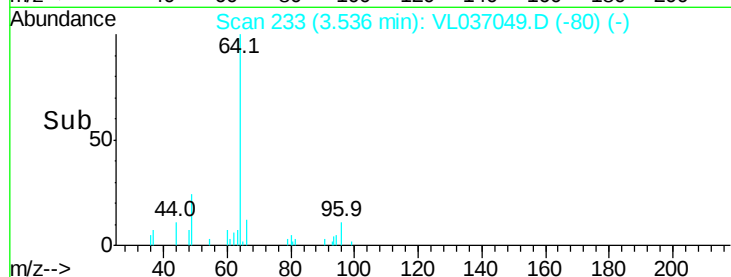
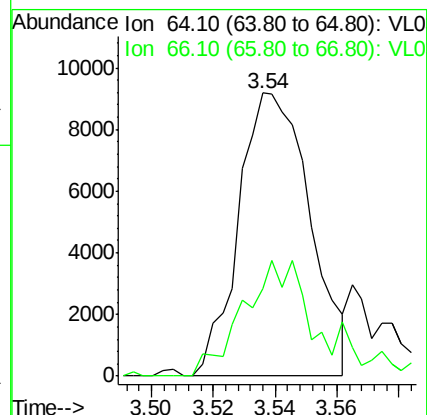
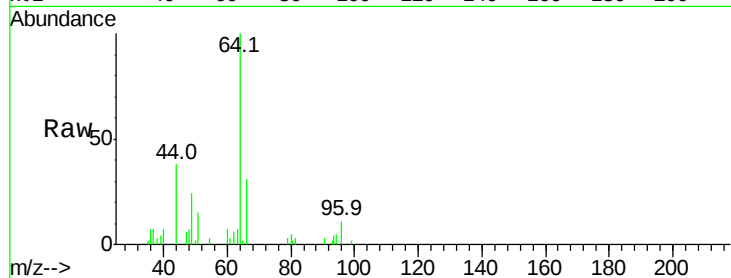
64 100

66 31.0 25.4 38.2

Manual Integrations
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#8

Dichlorotetrafluoroethane

Concen: 0.626 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL037049.D

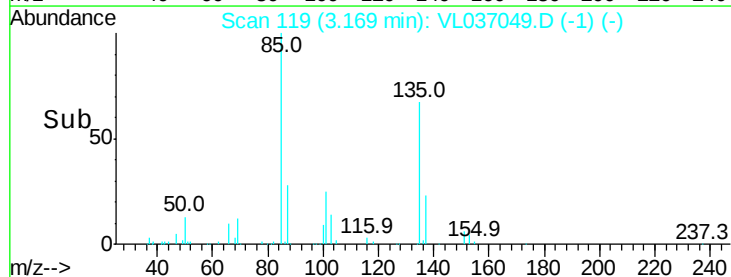
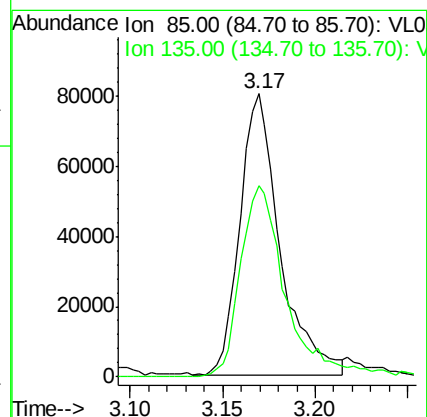
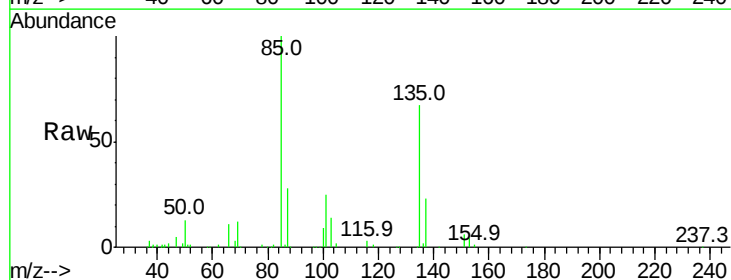
Acq: 24 May 2021 15:33

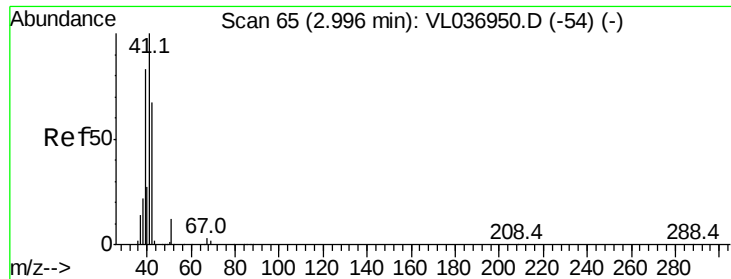
Tgt Ion: 85 Resp: 120832

Ion Ratio Lower Upper

85 100

135 77.6 57.7 86.5





#9

Propene

Concen: 0.578 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 41 Resp: 45966

Ion Ratio Lower Upper

41 100

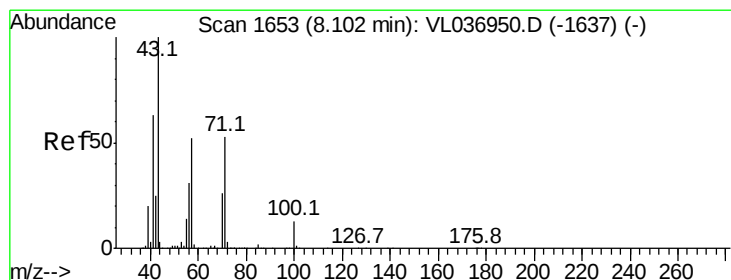
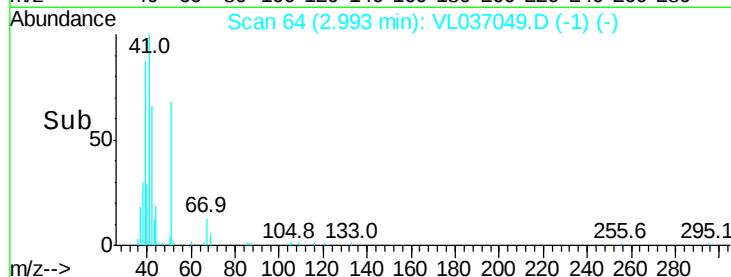
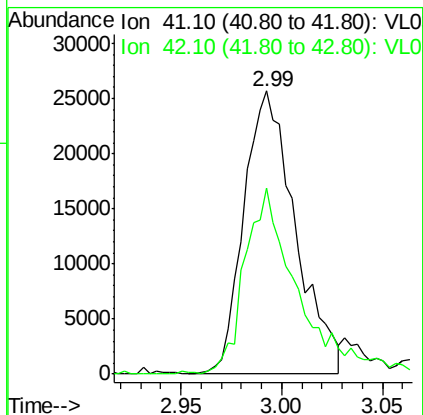
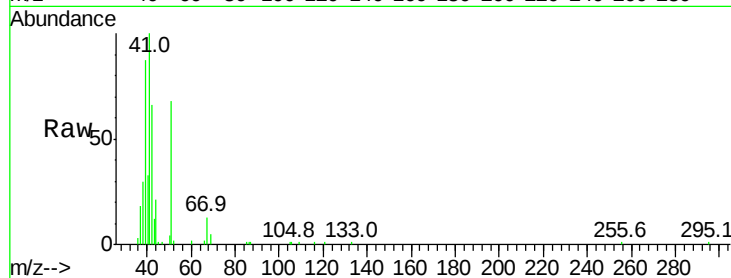
42 69.8 53.9 80.9

Manual Integrations

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#10

Heptane

Concen: 0.496 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL037049.D

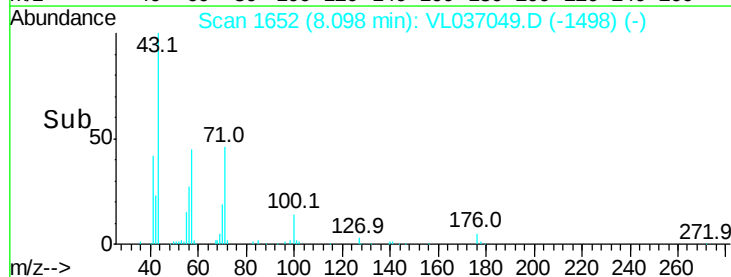
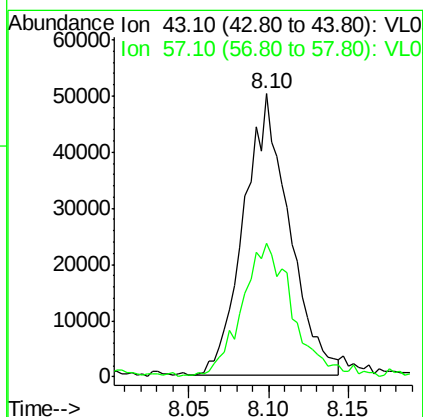
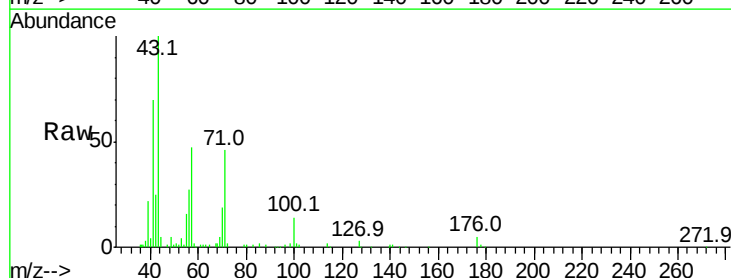
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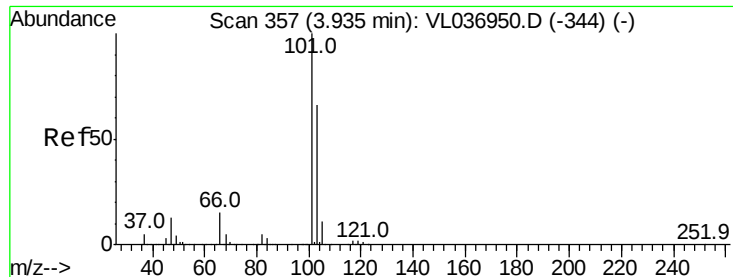
Tgt Ion: 43 Resp: 98282

Ion Ratio Lower Upper

43 100

57 51.7 41.0 61.6





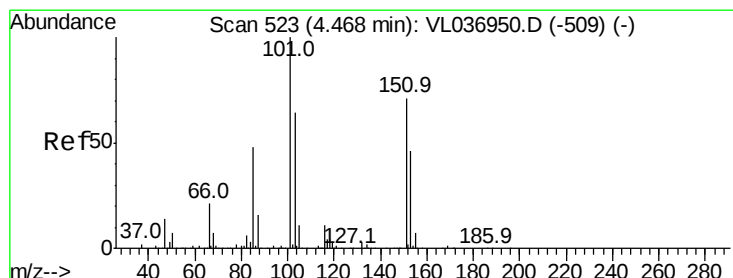
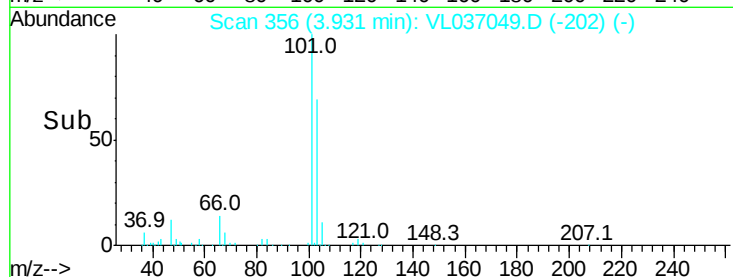
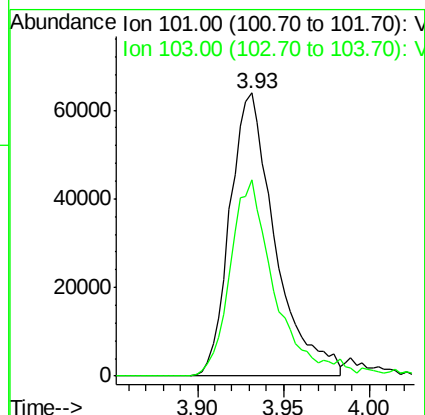
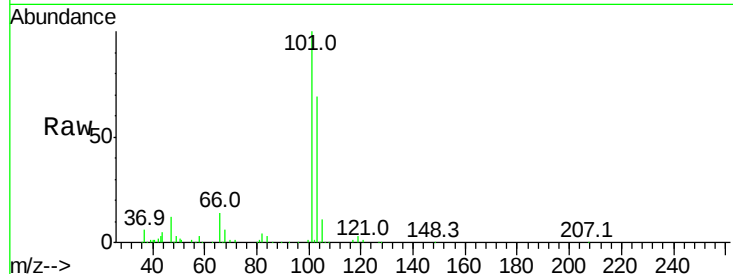
#11
 Trichlorofluoromethane
 Concen: 0.613 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	116571		
103	69.4	52.6	79.0	

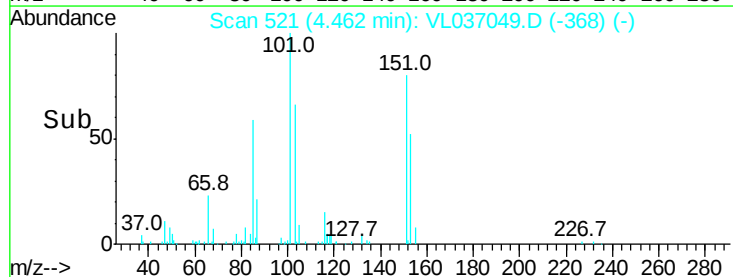
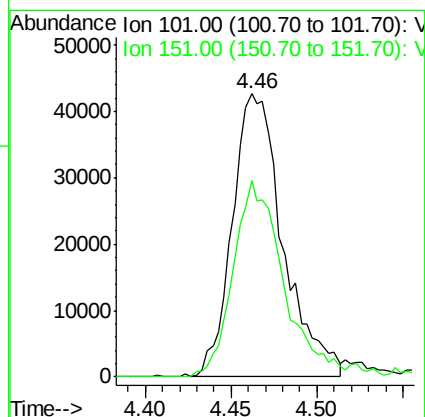
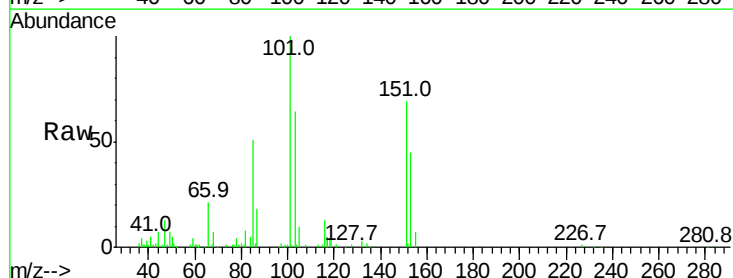
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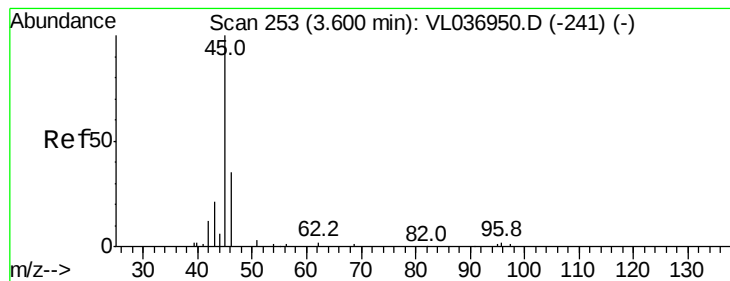
MMDadoda
 5/25/2021 6:00:31 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.644 ppbv
 RT: 4.46 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	87275		
151	69.8	57.7	86.5	





#13

Ethanol

Concen: 0.940 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 45 Resp: 9963

Ion Ratio Lower Upper

45 100

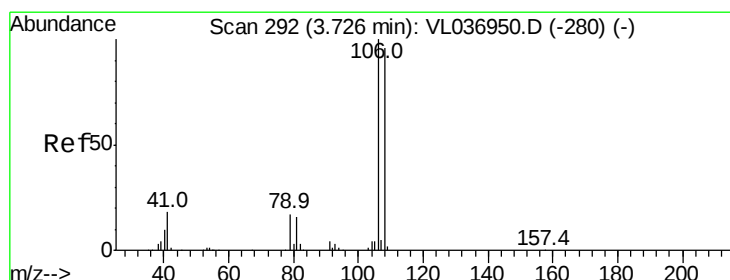
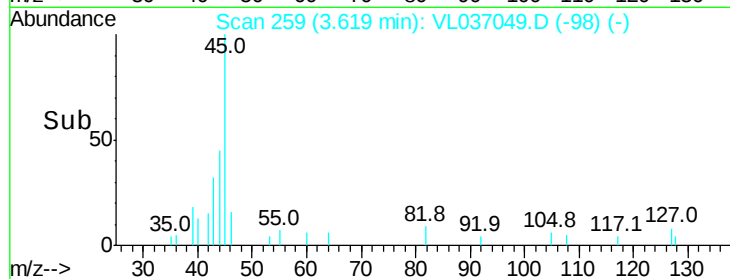
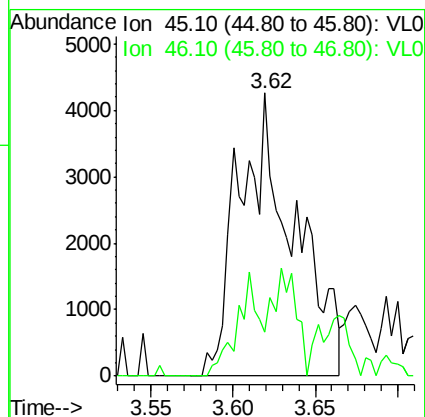
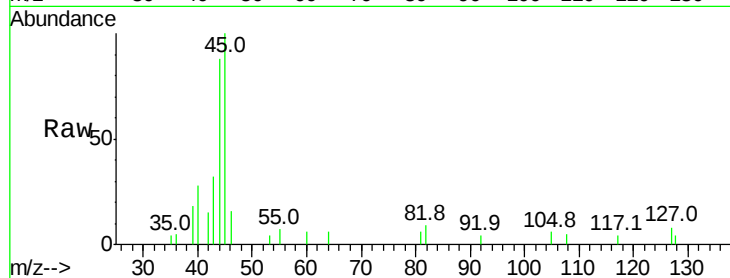
46 0.0 16.3 65.3#

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#14

Bromoethene

Concen: 0.554 ppbv

RT: 3.72 min Scan# 291

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

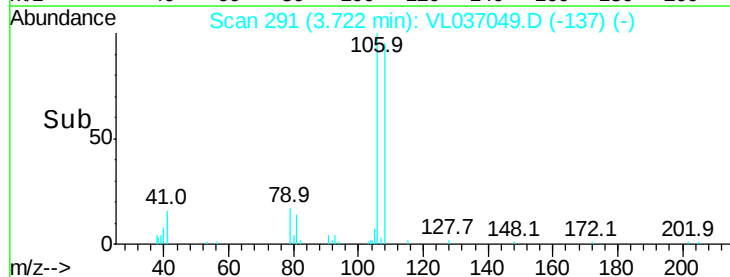
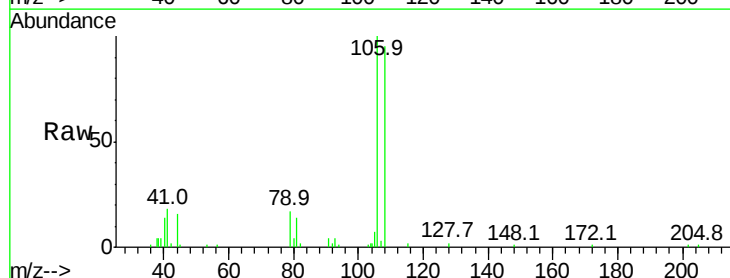
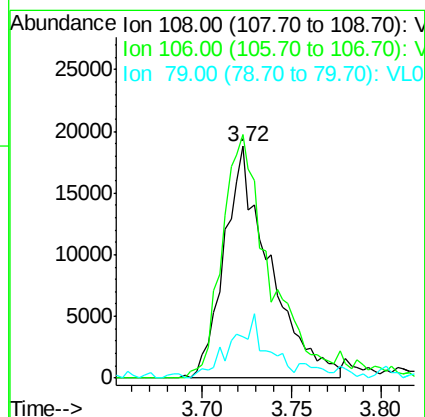
Tgt Ion: 108 Resp: 33062

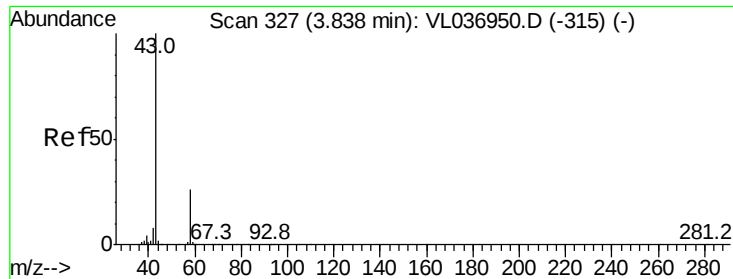
Ion Ratio Lower Upper

108 100

106 118.2 86.5 129.7

79 26.9 15.0 22.4#





#15

Acetone

Concen: 0.592 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 43 Resp: 73495

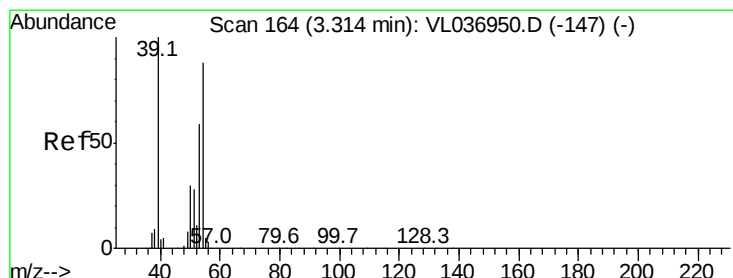
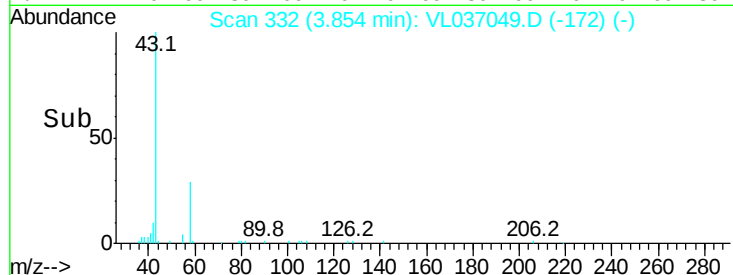
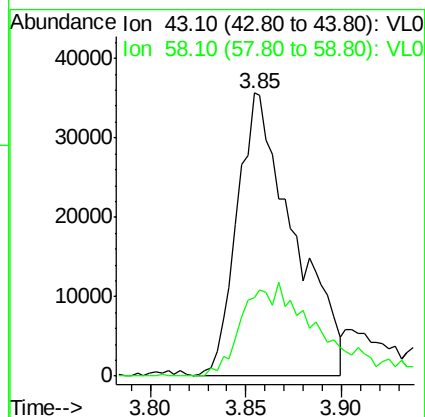
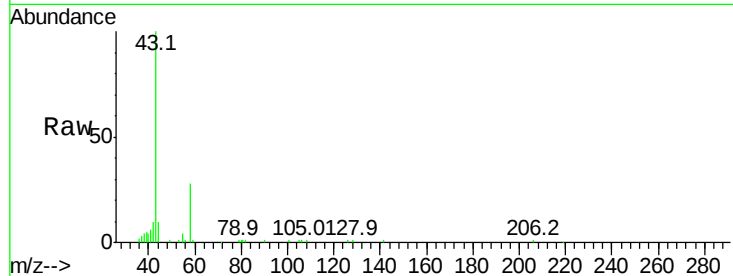
Ion Ratio Lower Upper

43 100

58 45.3 24.0 36.0#

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#16

1,3-Butadiene

Concen: 0.591 ppbv m

RT: 3.31 min Scan# 162

Delta R.T. -0.01 min

Lab File: VL037049.D

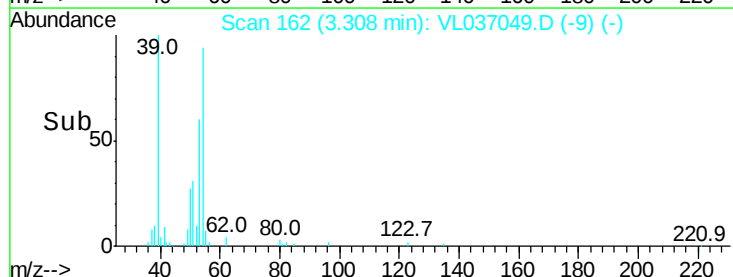
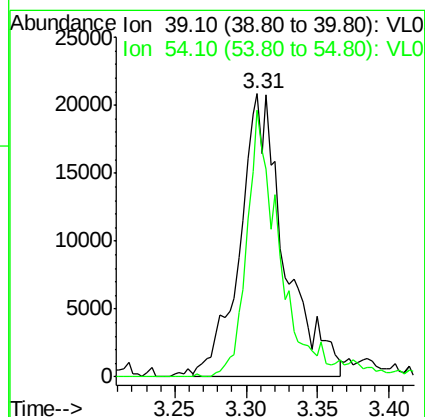
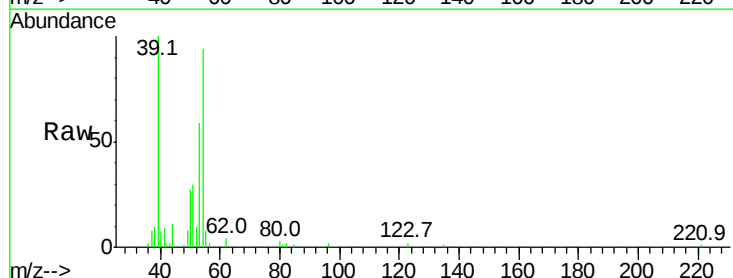
Acq: 24 May 2021 15:33

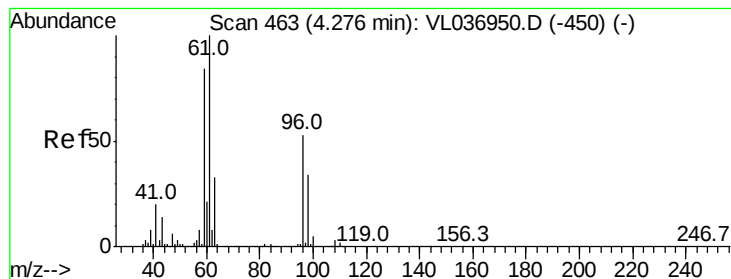
Tgt Ion: 39 Resp: 45563

Ion Ratio Lower Upper

39 100

54 0.0 63.2 94.8#





#17

tert-Butyl alcohol

Concen: 0.565 ppbv m

RT: 4.30 min Scan# 472

Delta R.T. 0.03 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 59 Resp: 64206

Ion Ratio Lower Upper

59 100

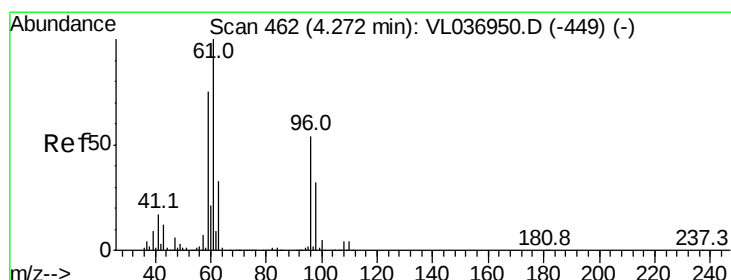
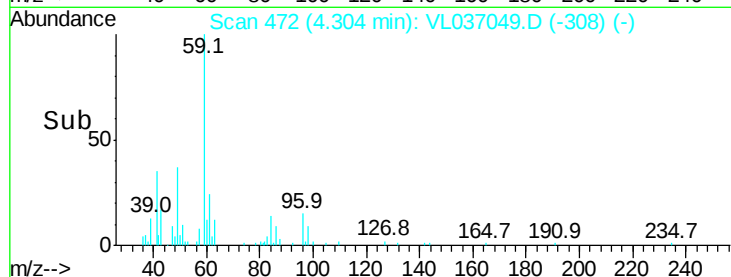
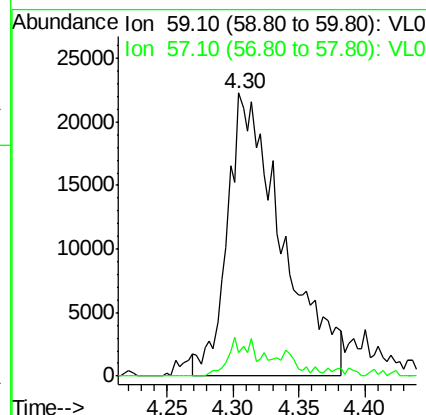
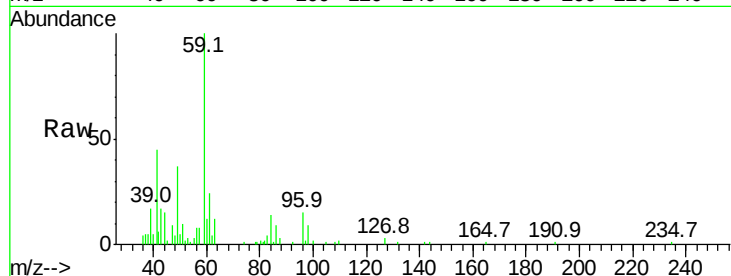
57 0.0 8.3 12.5#

Manual Integrations

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#18

1,1-Dichloroethene

Concen: 0.566 ppbv m

RT: 4.27 min Scan# 461

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

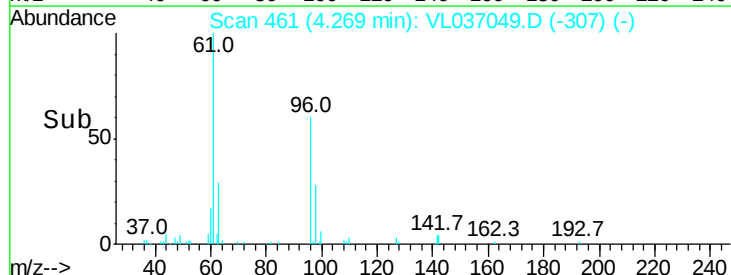
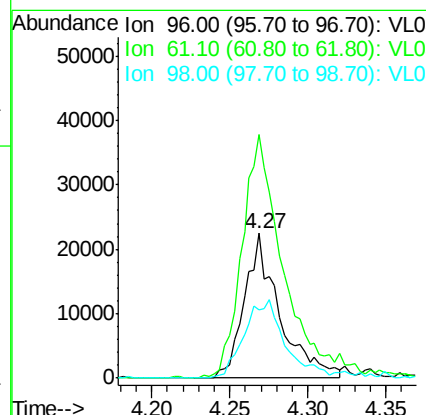
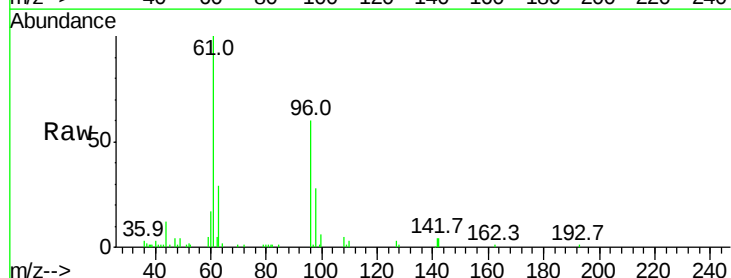
Tgt Ion: 96 Resp: 35482

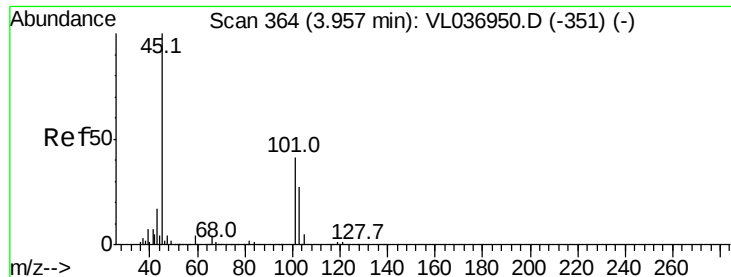
Ion Ratio Lower Upper

96 100

61 168.0 148.2 222.4

98 46.9 47.8 71.6#





#19

Isopropyl Alcohol

Concen: 0.664 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 45 Resp: 44318

Ion Ratio Lower Upper

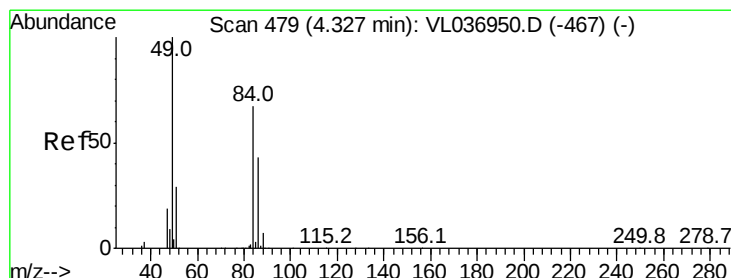
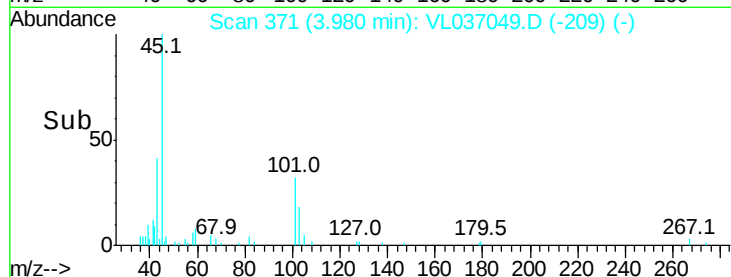
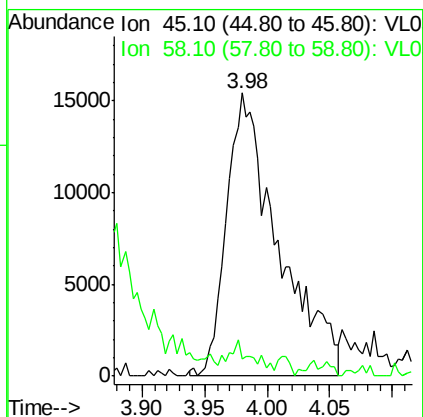
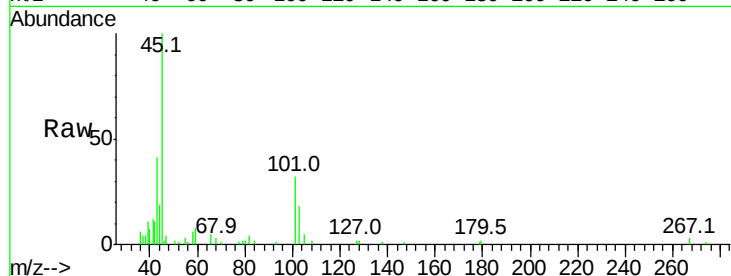
45 100

58 4.9 37.2 55.8#

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#20

Methylene Chloride

Concen: 0.786 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 84 Resp: 52247

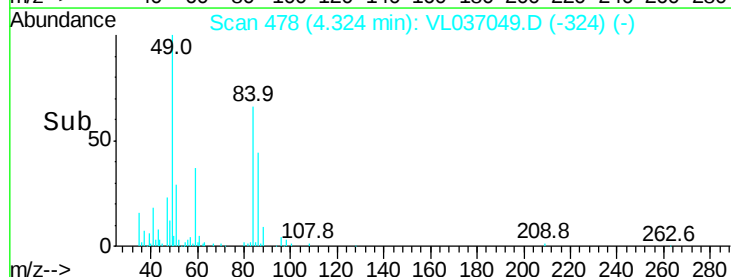
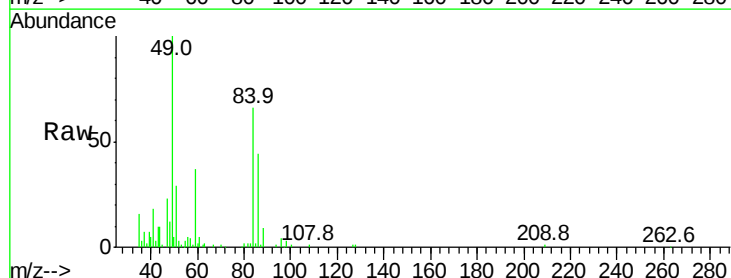
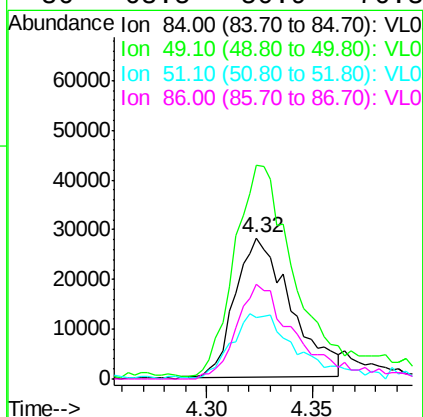
Ion Ratio Lower Upper

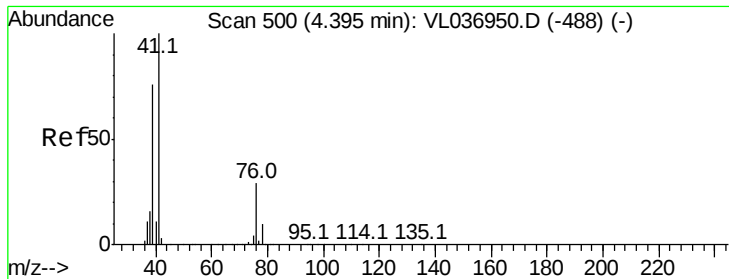
84 100

49 152.2 119.8 179.6

51 43.0 35.1 52.7

86 68.5 50.9 76.3





#21

Allyl Chloride

Concen: 0.476 ppbv

RT: 4.39 min Scan# 500

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

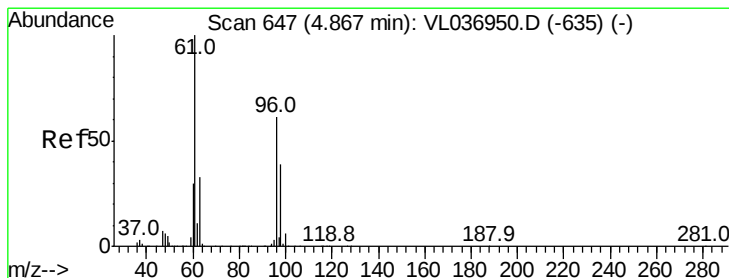
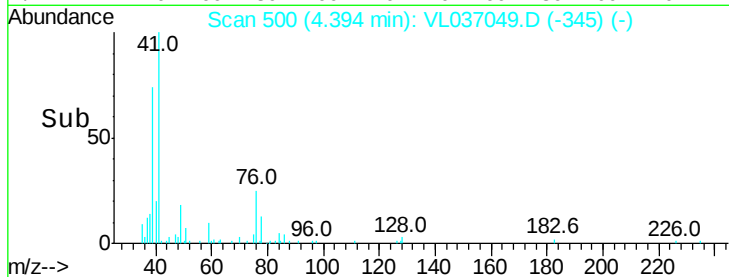
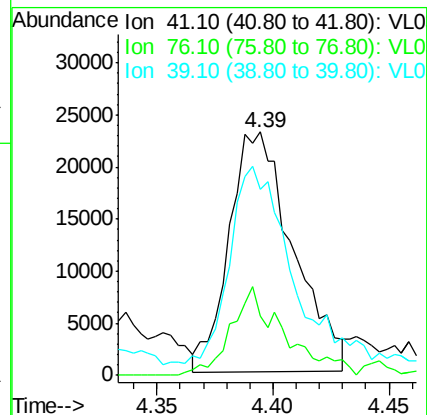
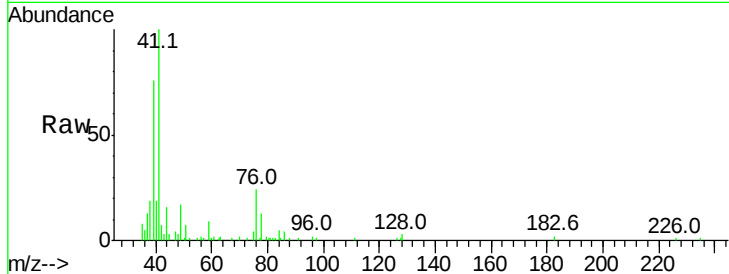
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:	41	Resp:	44514
Ion Ratio	Lower	Upper	
41	100		
76	33.7	24.9	37.3
39	99.8	63.7	95.5#

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#22

trans-1,2-Dichloroethene

Concen: 0.571 ppbv m

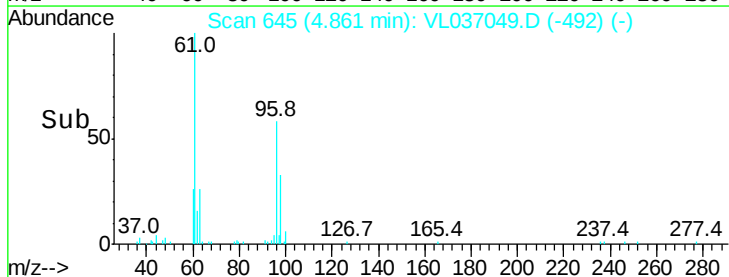
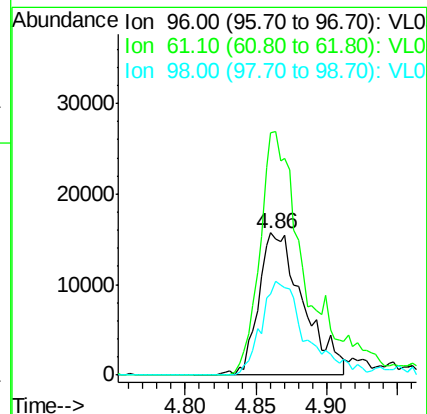
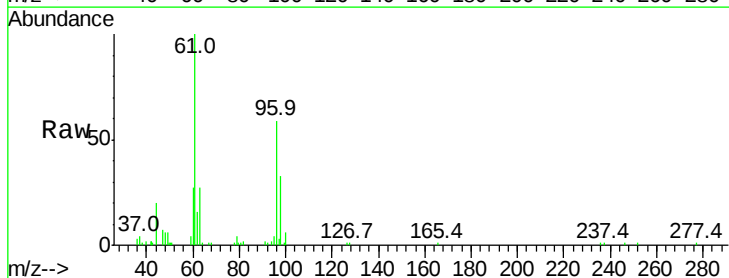
RT: 4.86 min Scan# 645

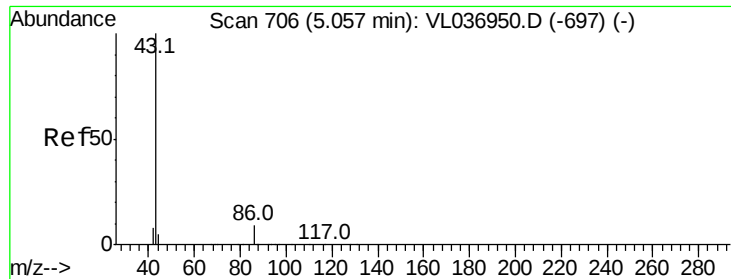
Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	96	Resp:	34264
Ion Ratio	Lower	Upper	
96	100		
61	169.9	130.6	196.0
98	56.7	50.8	76.2





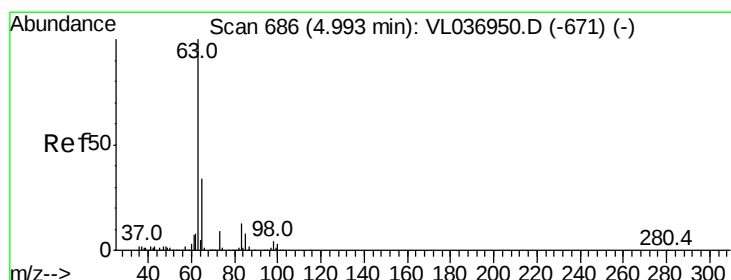
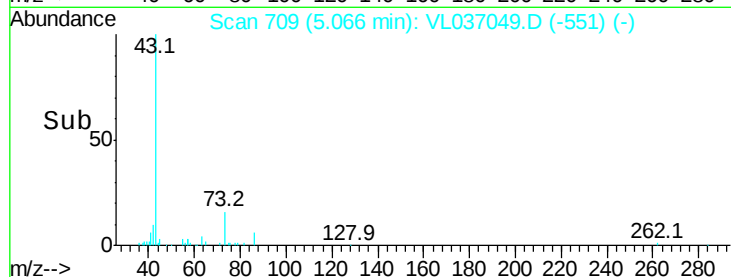
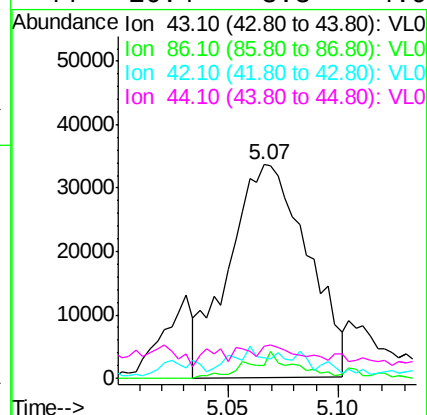
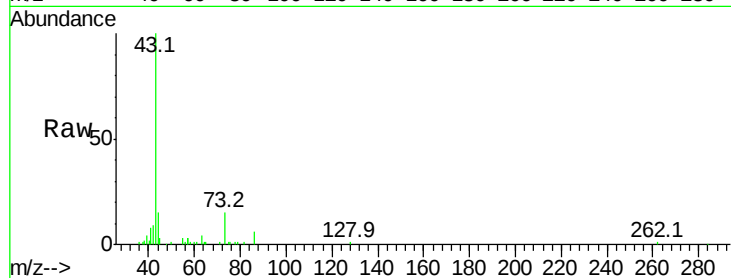
#23
 Vinyl Acetate
 Concen: 0.420 ppbv
 RT: 5.07 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	82651		
86	7.7		5.8	8.8
42	8.6		7.4	11.2
44	16.4		3.3	4.9#

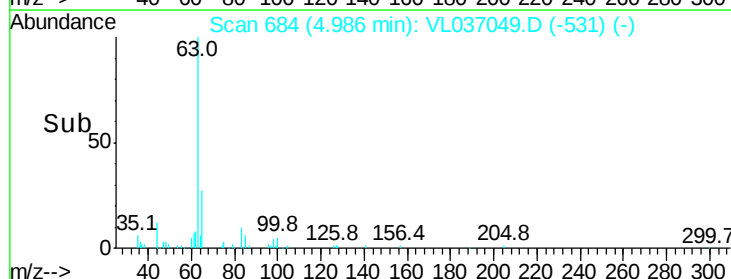
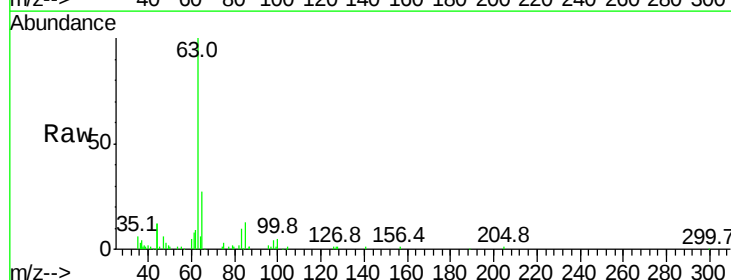
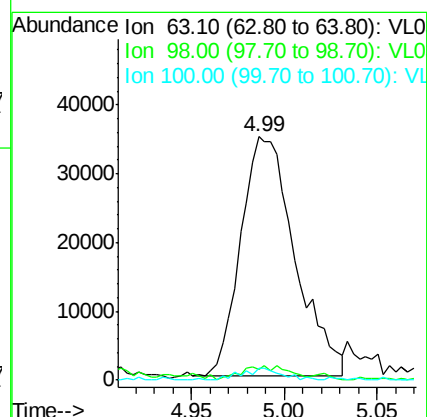
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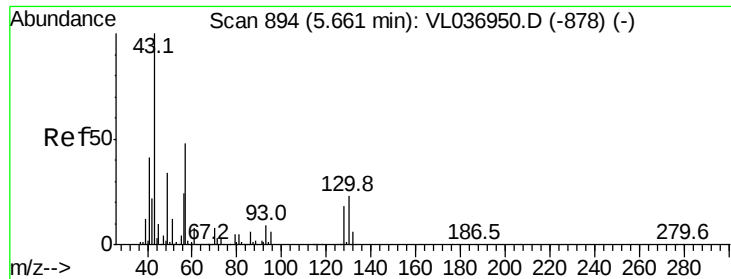
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 0.500 ppbv
 RT: 4.99 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	70898		
98	4.2		2.3	6.9
100	4.9		1.4	4.0#





#25

Ethyl Acetate

Concen: 0.519 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

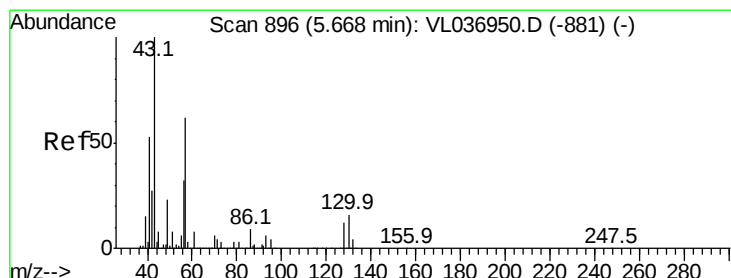
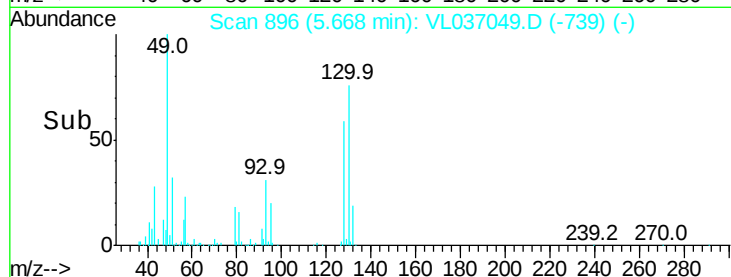
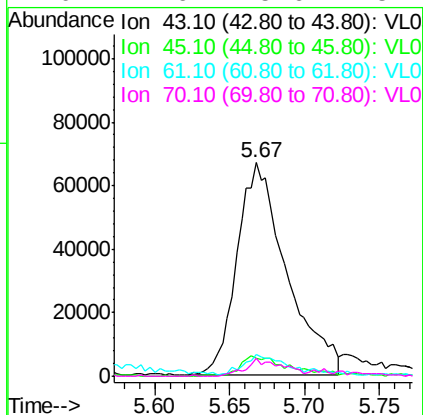
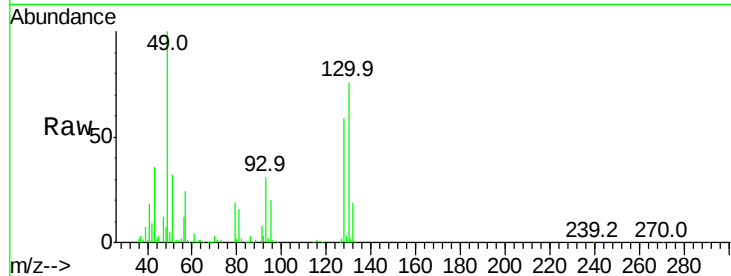
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	11.2	7.8	11.8
70	7.6	5.6	8.4

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#26

Hexane

Concen: 0.577 ppbv

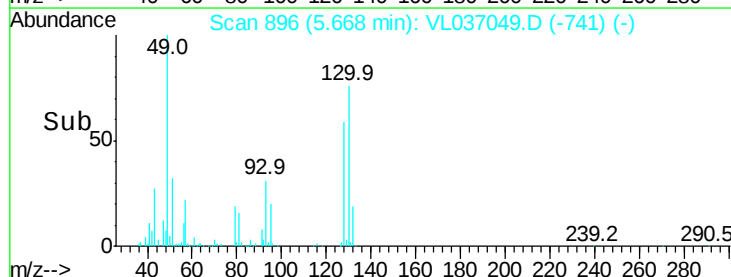
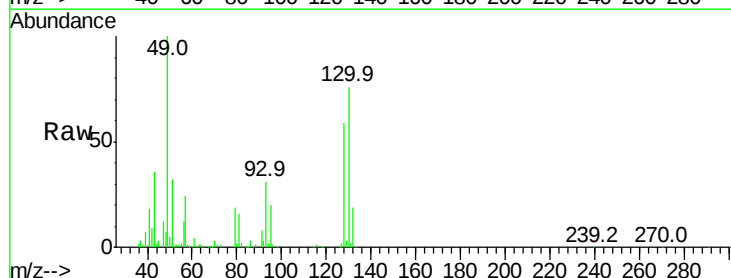
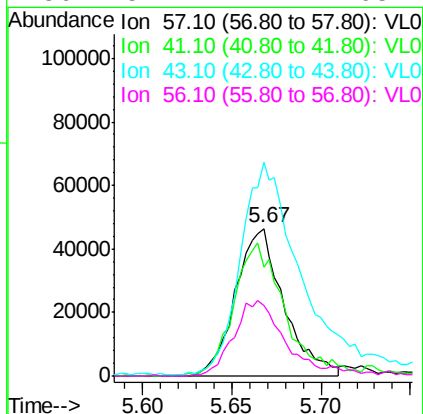
RT: 5.67 min Scan# 896

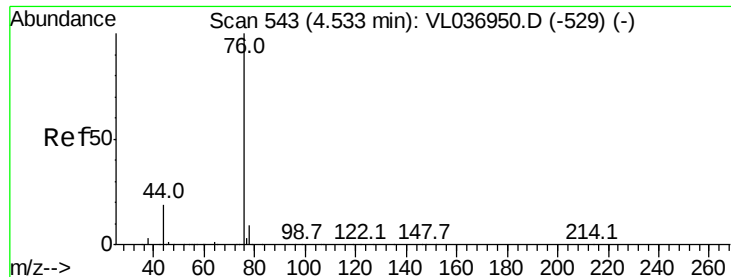
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.3	70.5	105.7
43	192.5	165.8	248.8
56	57.1	42.2	63.4





#27

Carbon Disulfide

Concen: 0.416 ppbv m

RT: 4.53 min Scan# 543

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

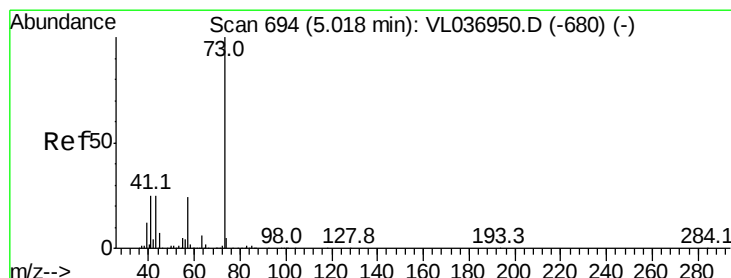
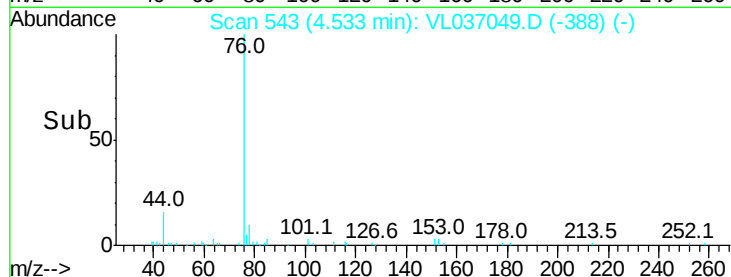
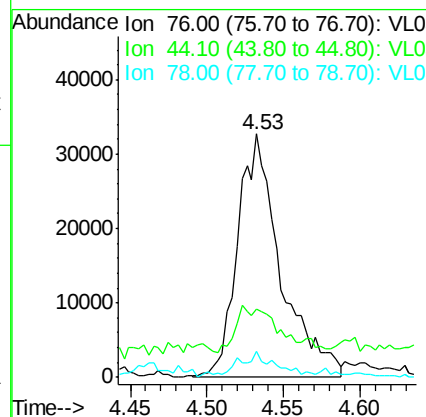
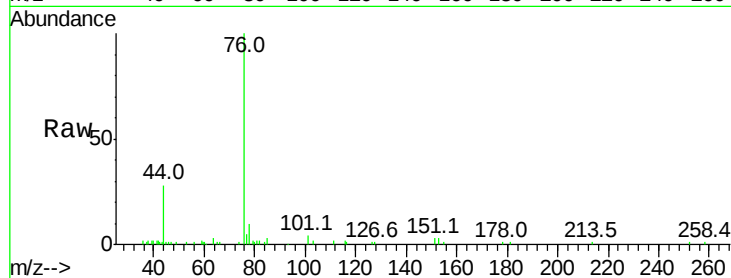
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:	76	Resp:	63805
Ion Ratio	Lower	Upper	
76	100		
44	0.0	15.5	23.3#
78	11.7	7.8	11.6#

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.477 ppbv

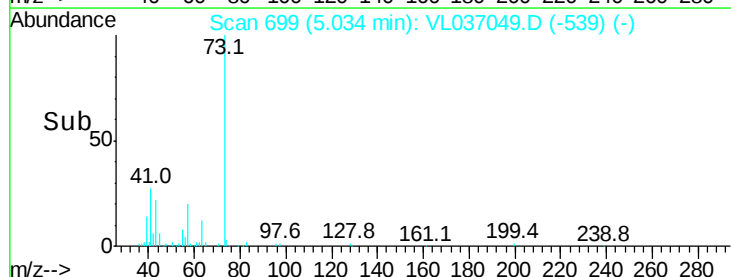
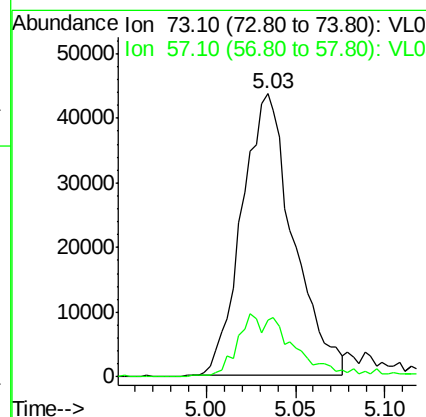
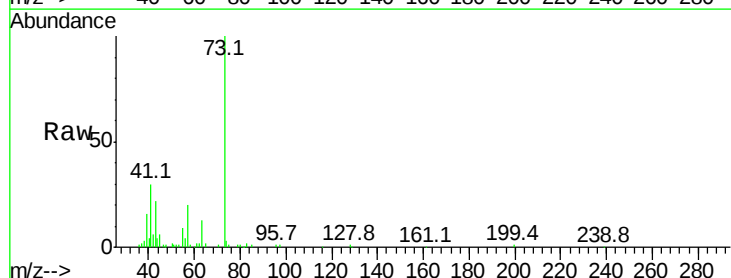
RT: 5.03 min Scan# 699

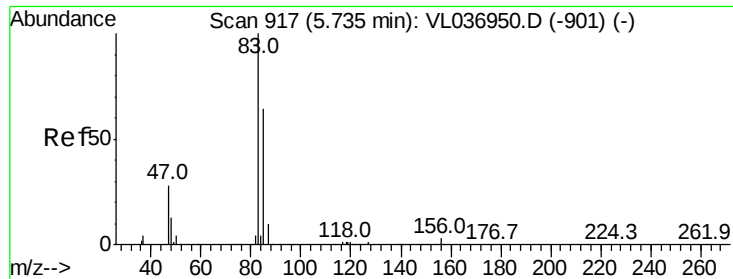
Delta R.T. 0.02 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	73	Resp:	87174
Ion Ratio	Lower	Upper	
73	100		
57	23.8	18.3	27.5





#29

Chloroform

Concen: 0.589 ppbv

RT: 5.73 min Scan# 914

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 83 Resp: 126731

Ion Ratio Lower Upper

83 100

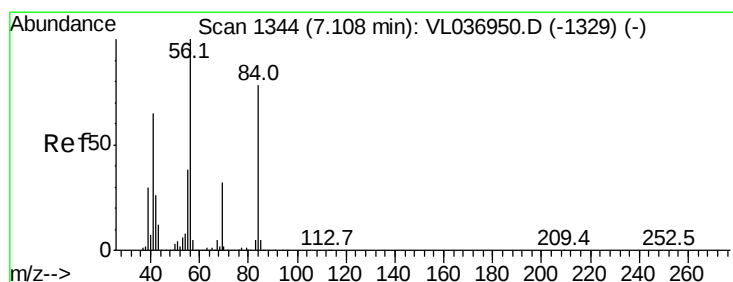
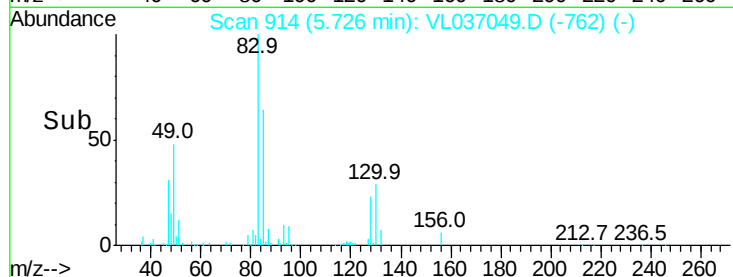
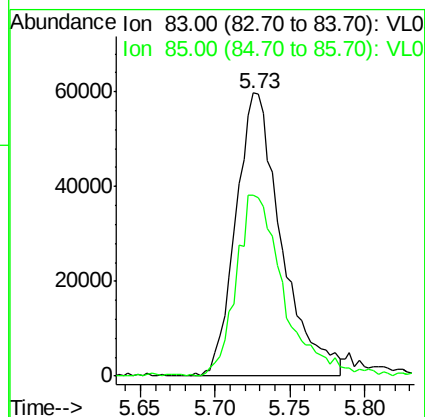
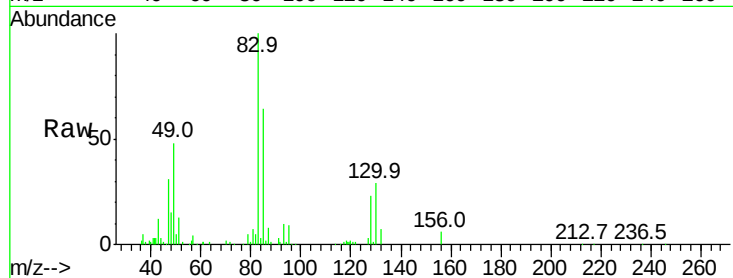
85 63.5 51.1 76.7

Manual Integrations

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#30

Cyclohexane

Concen: 0.544 ppbv m

RT: 7.11 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

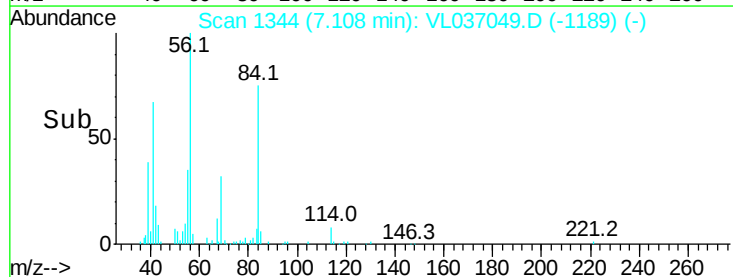
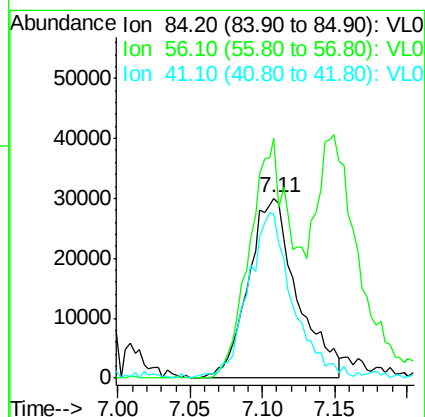
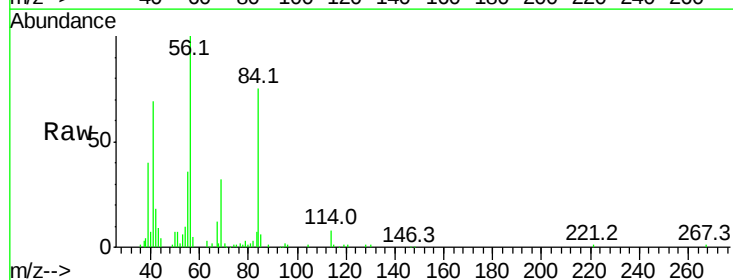
Tgt Ion: 84 Resp: 70404

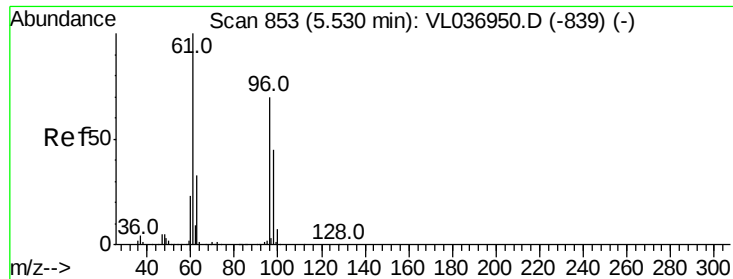
Ion Ratio Lower Upper

84 100

56 106.1 107.9 161.9#

41 84.7 65.5 98.3





#31

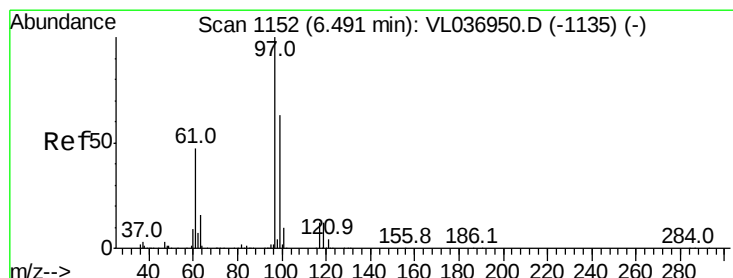
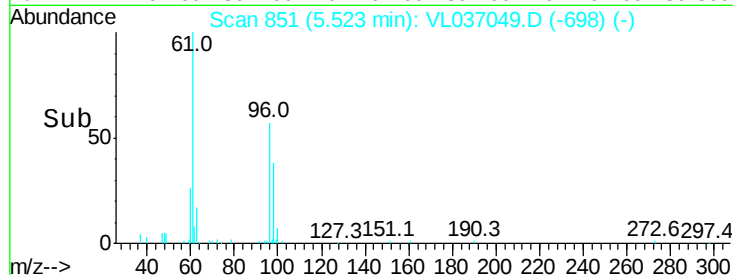
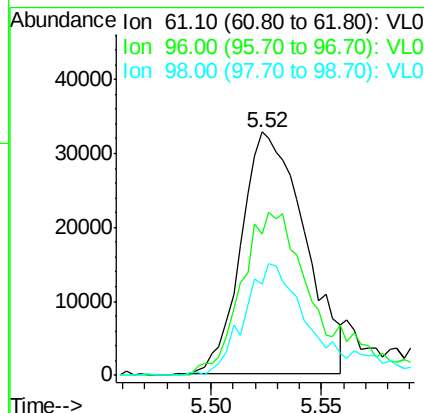
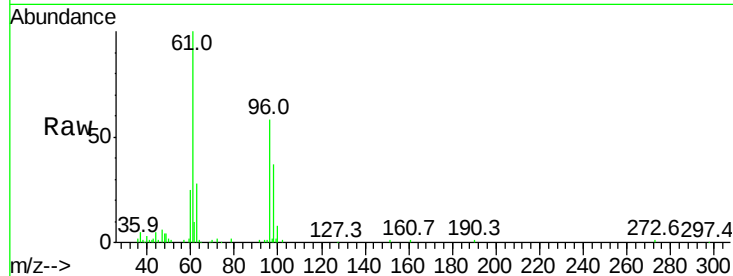
cis-1,2-Dichloroethene
Concen: 0.481 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.01 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
61	100		
96	58.3	55.9	83.9
98	36.4	35.6	53.4

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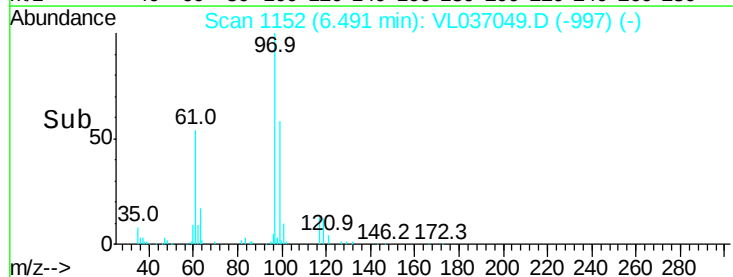
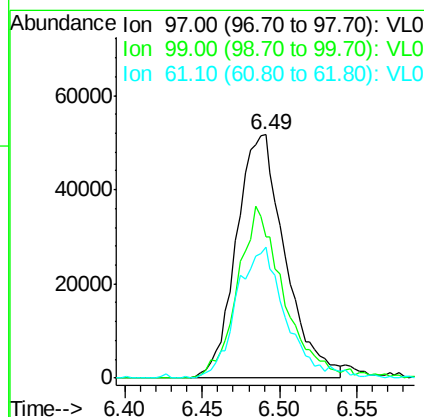
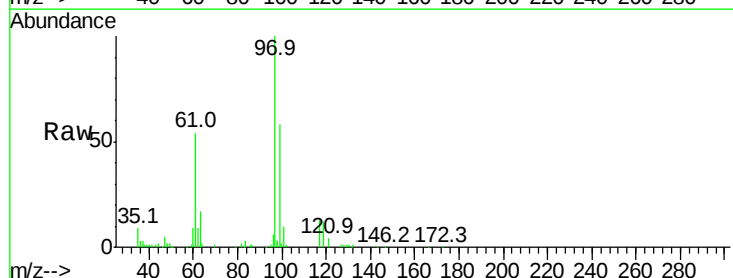
MMDadoda
5/25/2021 6:00:31 PM

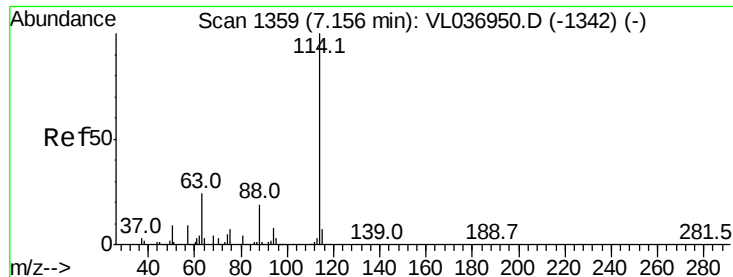


#32

1,1,1-Trichloroethane
Concen: 0.490 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.2	51.9	77.9
61	54.5	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: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

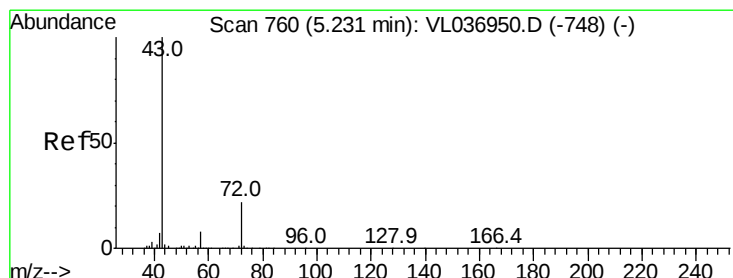
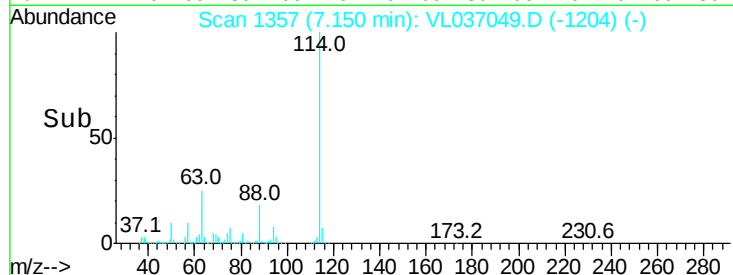
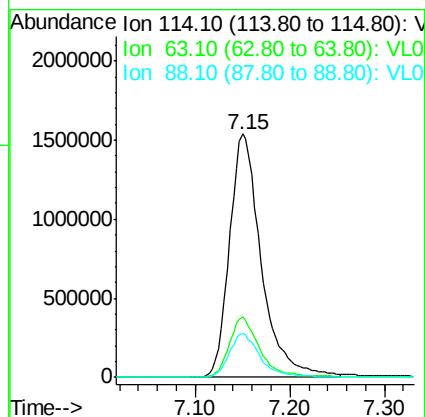
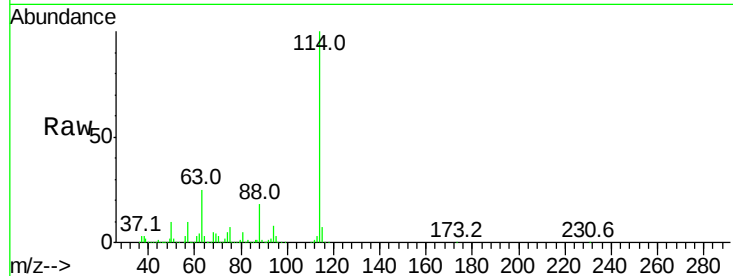
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:	114	Resp:	3599183
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	17.7	14.6	21.8

Manual Integrations
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#34

2-Butanone

Concen: 0.569 ppbv m

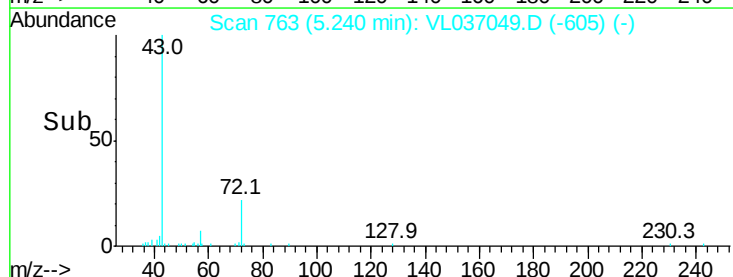
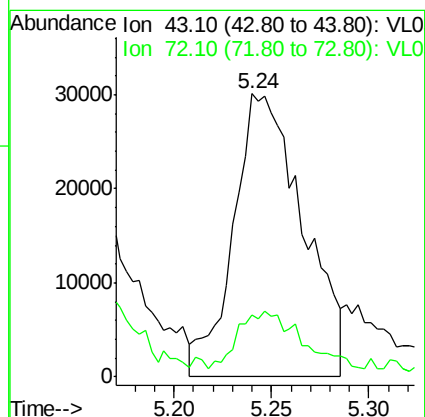
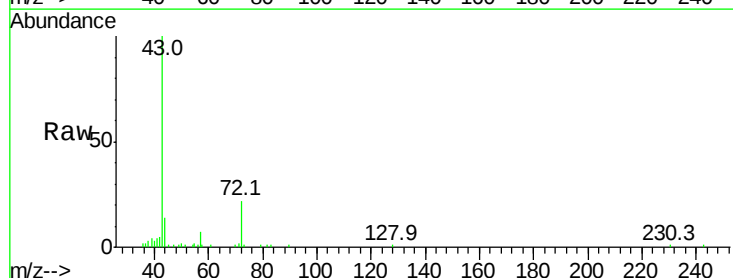
RT: 5.24 min Scan# 763

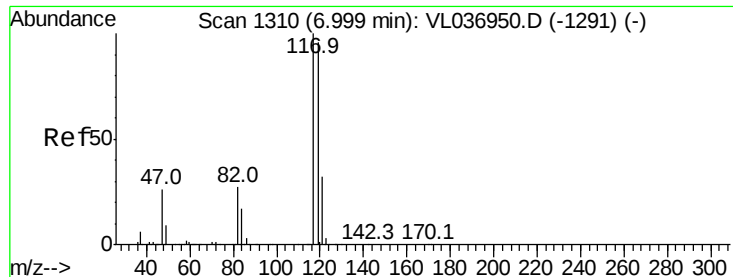
Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	43	Resp:	74536
Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.0	28.4





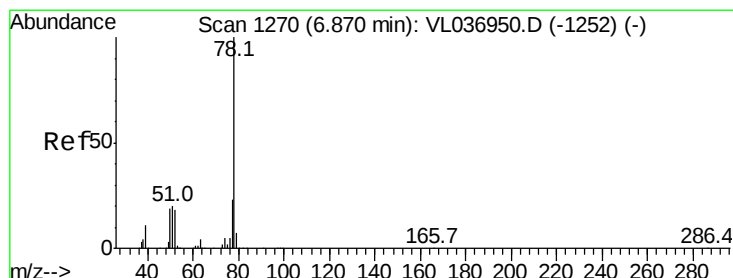
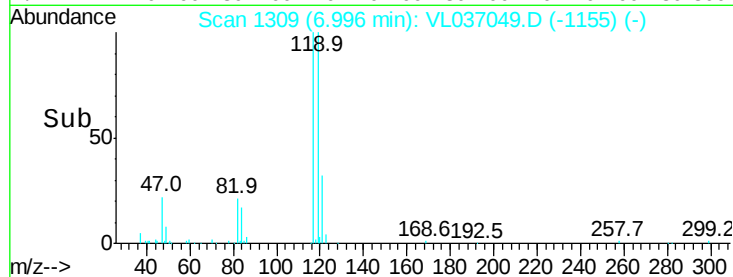
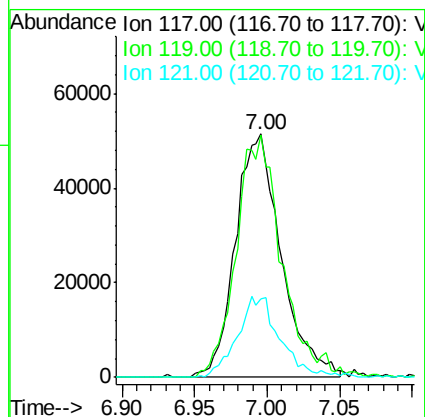
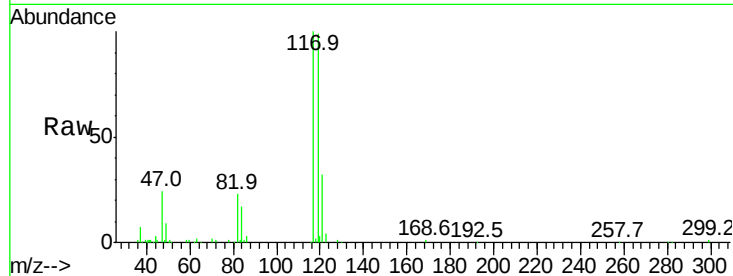
#35
Carbon Tetrachloride
Concen: 0.471 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112726		
119	99.3	76.6	114.8	
121	32.1	25.8	38.6	

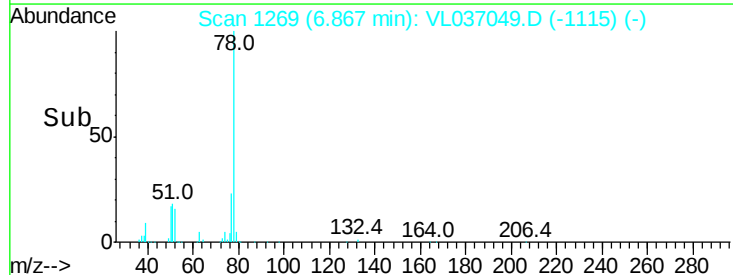
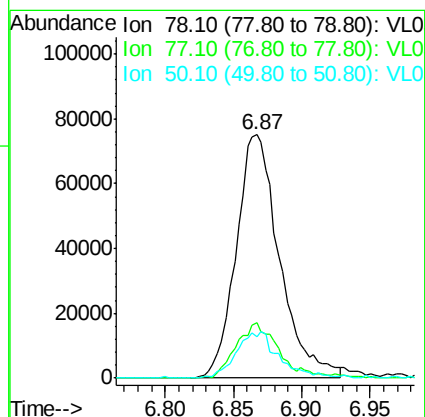
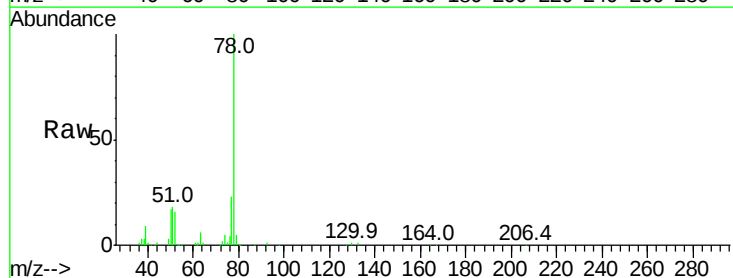
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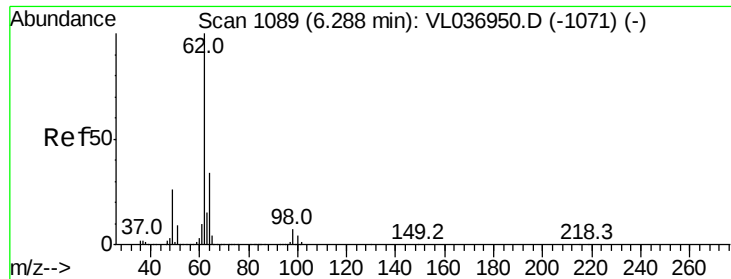
MMDadoda
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#36
Benzene
Concen: 0.534 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	165701		
77	22.9	18.6	28.0	
50	16.5	15.0	22.4	





#37

1,2-Dichloroethane

Concen: 0.575 ppbv m

RT: 6.29 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

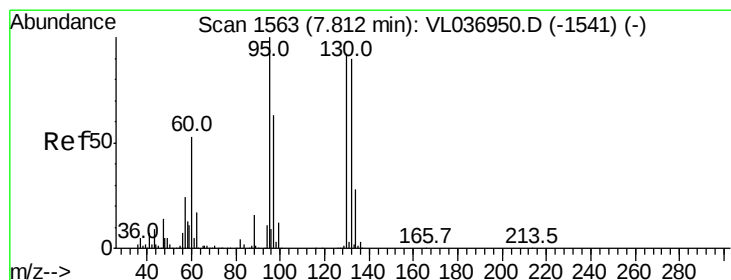
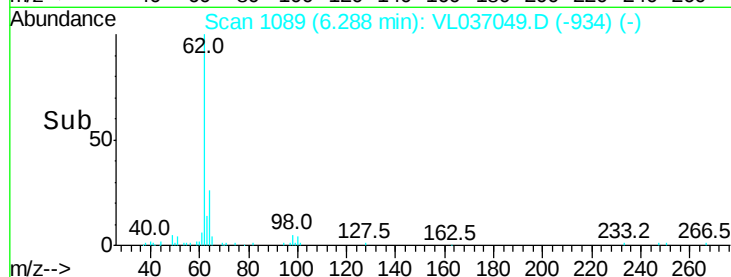
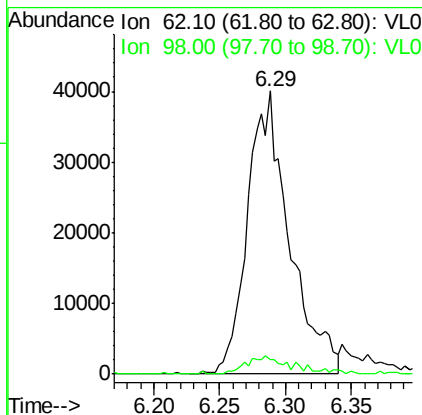
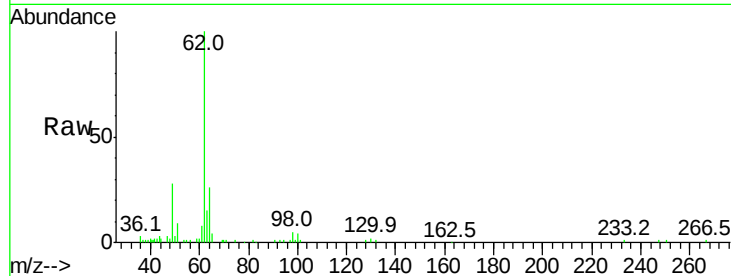
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	88327		
98	0.0	5.5		8.3#

Manual Integrations
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#38

Trichloroethene

Concen: 0.549 ppbv m

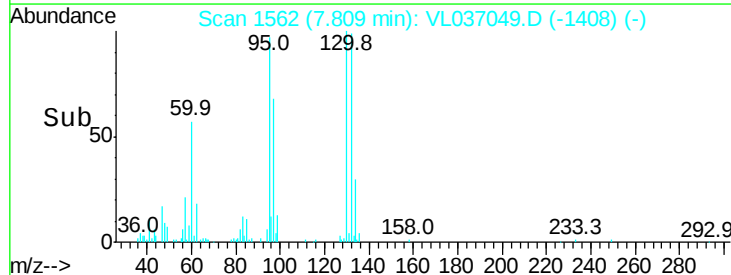
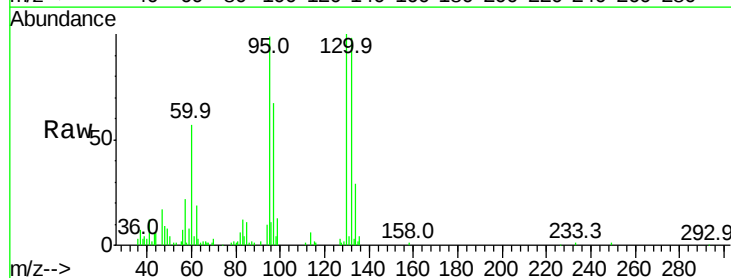
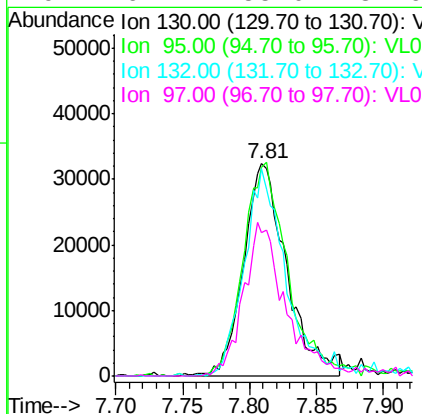
RT: 7.81 min Scan# 1562

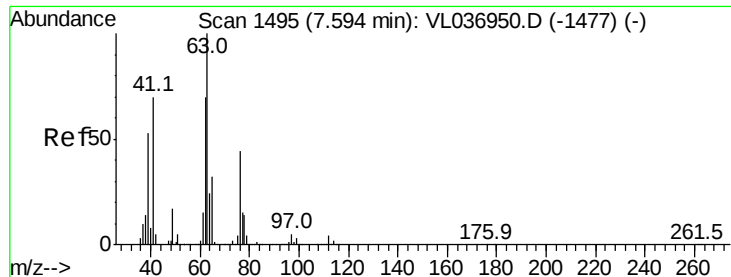
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	72776		
95	98.6	86.9		130.3
132	98.1	78.4		117.6
97	67.4	55.0		82.6





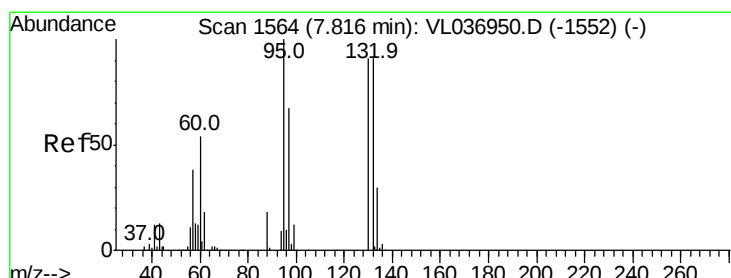
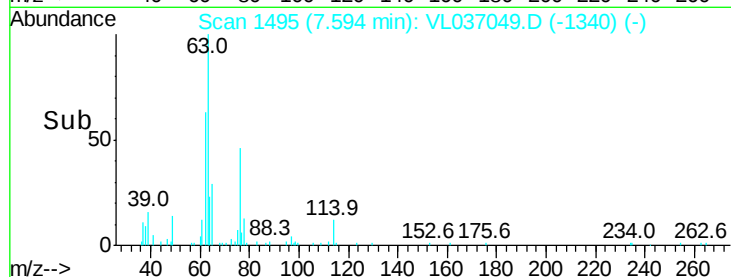
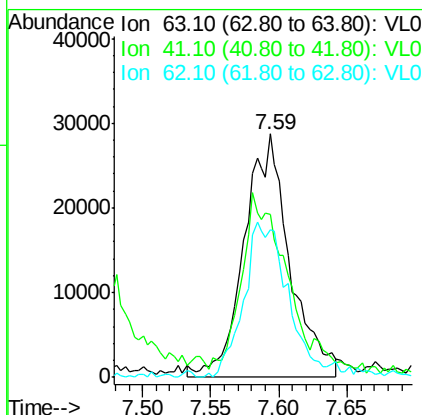
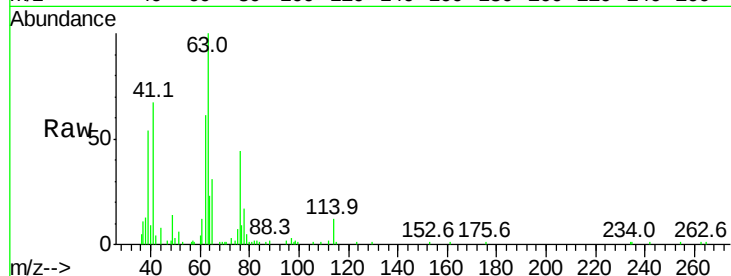
#39
 1,2-Dichloropropane
 Concen: 0.558 ppbv m
 RT: 7.59 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
63	100		
41	66.8	55.7	83.5
62	60.9	56.2	84.4

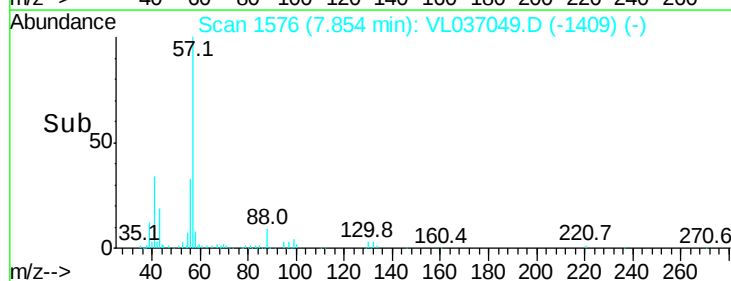
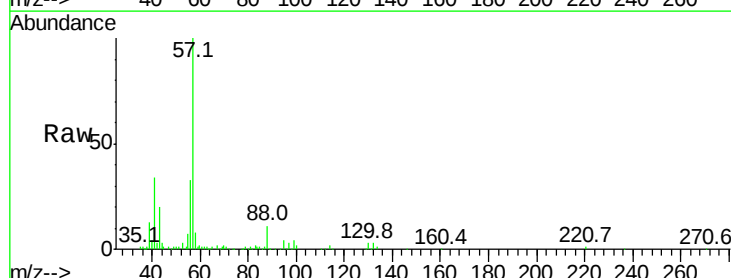
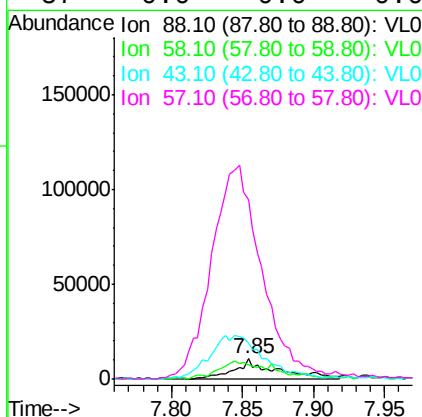
Manual Integrations
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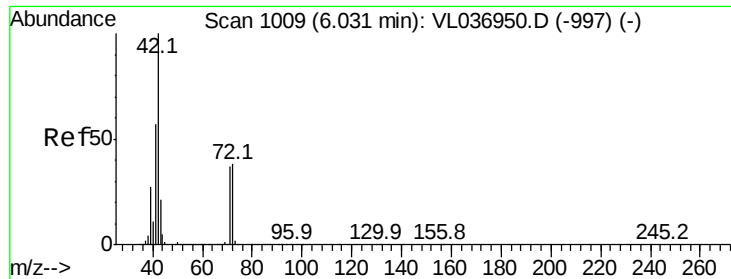
MMDadoda
 5/25/2021 6:00:31 PM



#40
 1,4-Dioxane
 Concen: 0.785 ppbv m
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





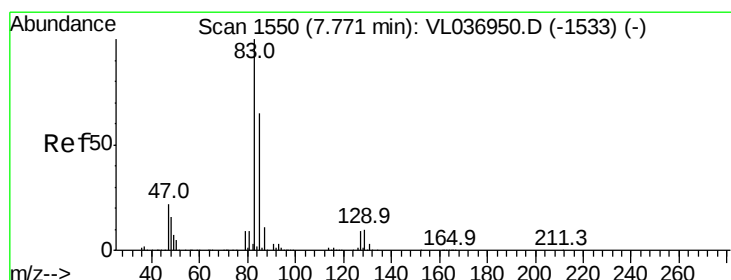
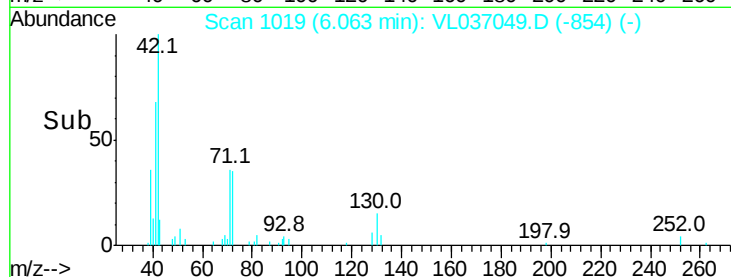
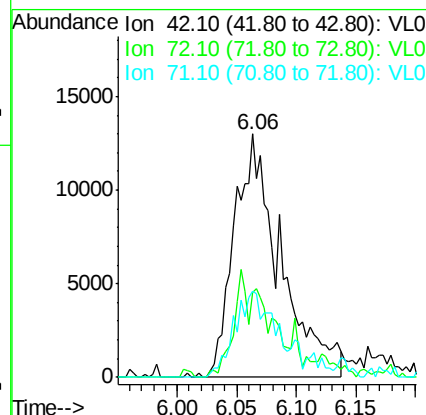
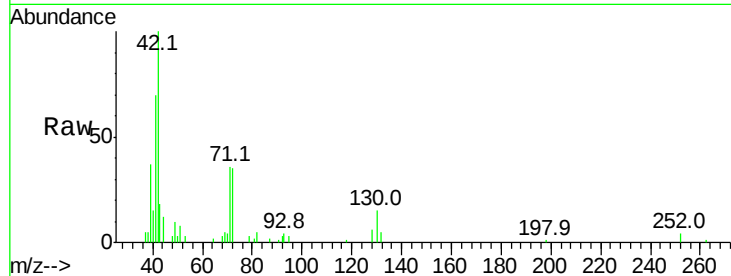
#41
Tetrahydrofuran
Concen: 0.469 ppbv m
RT: 6.06 min Scan# 1019
Delta R.T. 0.03 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.8	31.4	47.2
71	0.0	30.4	45.6#

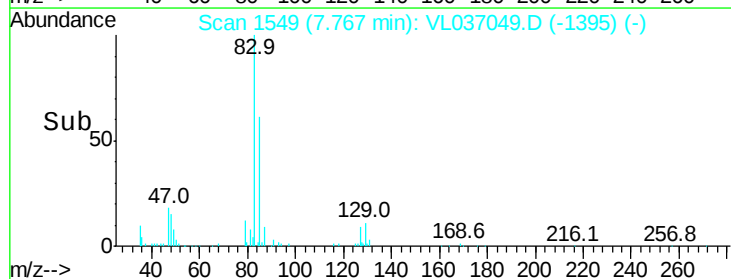
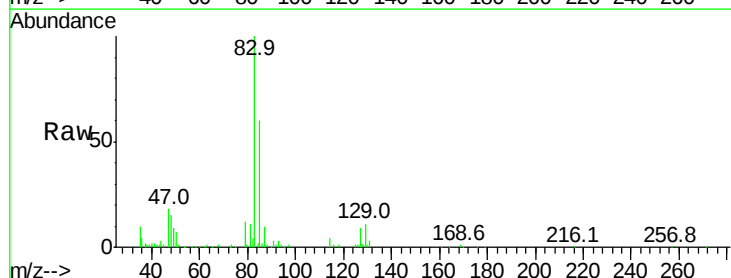
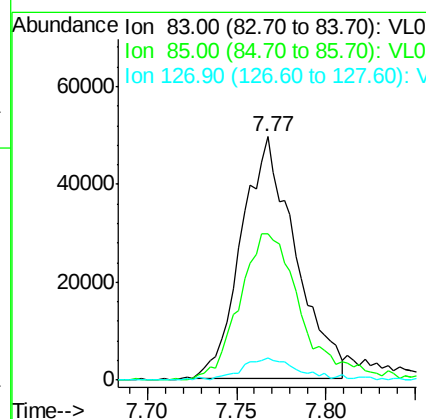
Manual Integrations
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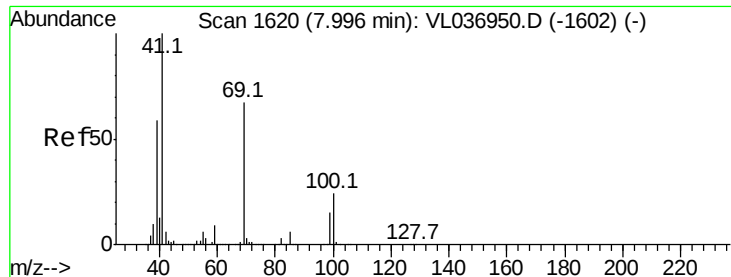
MMDadoda
5/25/2021 6:00:31 PM



#42
Bromodichloromethane
Concen: 0.448 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.7	77.5
127	10.8	6.9	10.3#





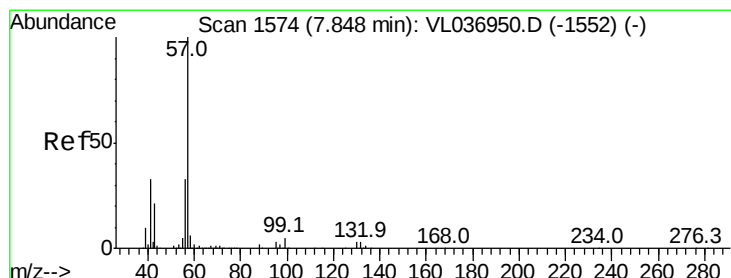
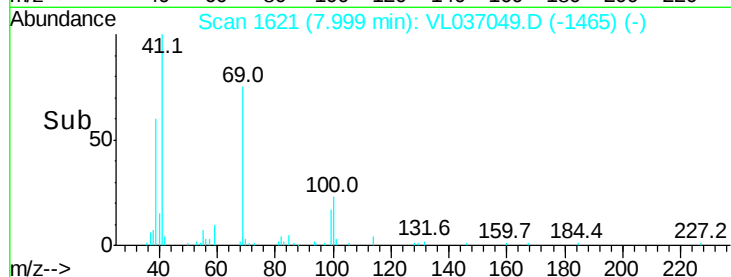
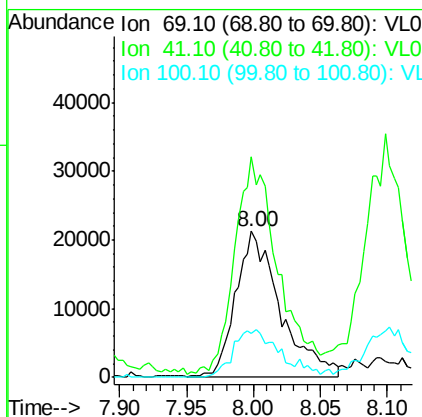
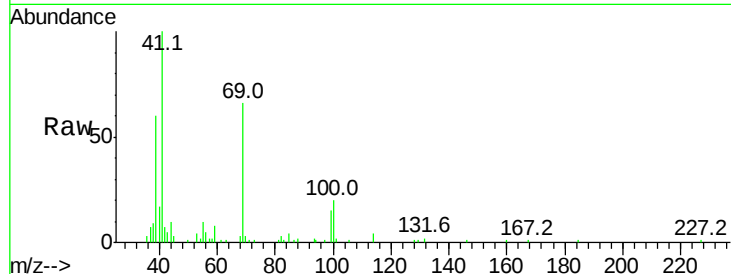
#43
Methyl Methacrylate
Concen: 0.462 ppbv m
RT: 8.00 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 69 Resp: 49372
Ion Ratio Lower Upper
69 100
41 146.1 118.6 178.0
100 34.2 28.2 42.4

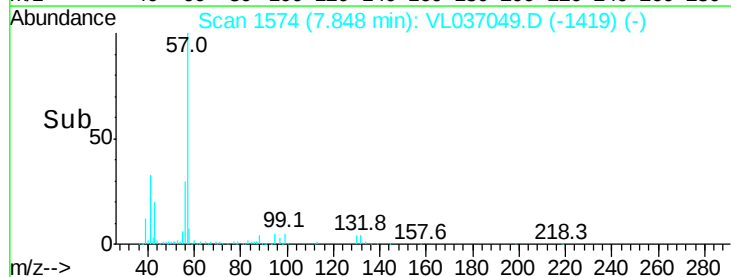
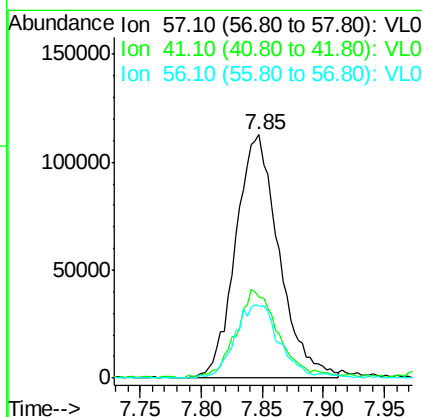
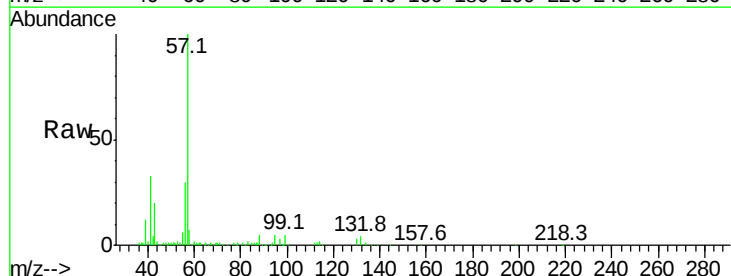
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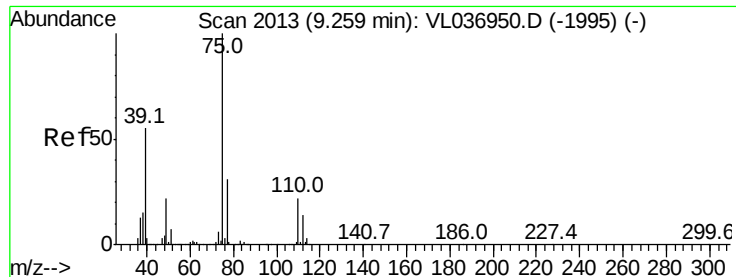
MMDadoda
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#44
2,2,4-Trimethylpentane
Concen: 0.521 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 57 Resp: 277202
Ion Ratio Lower Upper
57 100
41 36.1 27.0 40.4
56 31.8 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.322 ppbv m

RT: 9.25 min Scan# 2011

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :
MSVOA_L

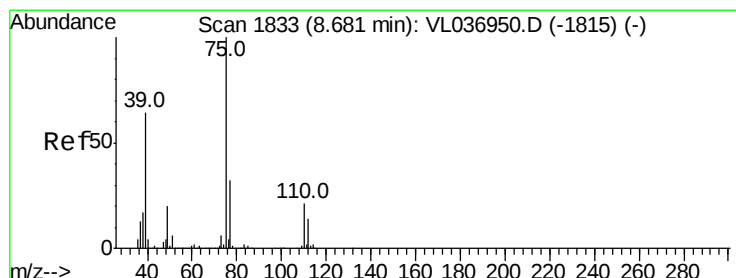
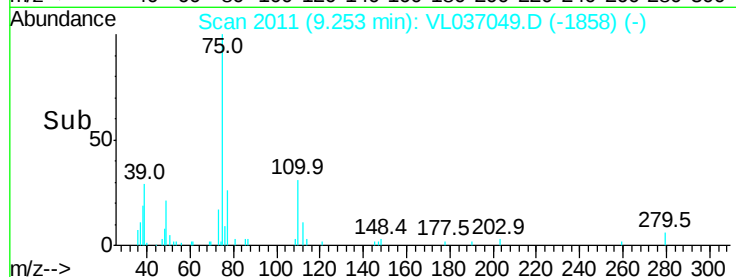
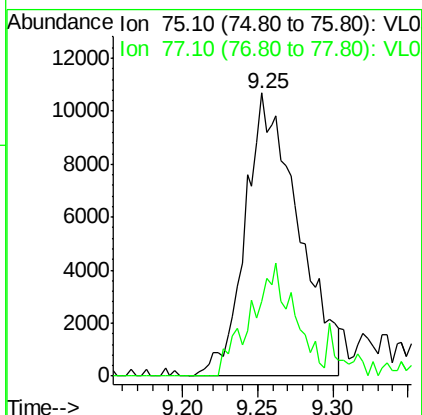
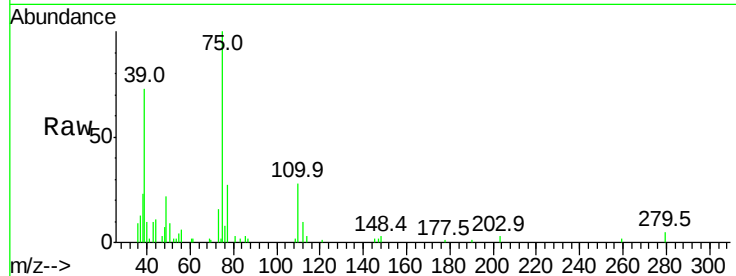
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 75 Resp: 26299

Ion	Ratio	Lower	Upper
75	100		
77	26.5	24.4	36.6

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MMDadoda
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#46

cis-1,3-Dichloropropene

Concen: 0.385 ppbv m

RT: 8.68 min Scan# 1832

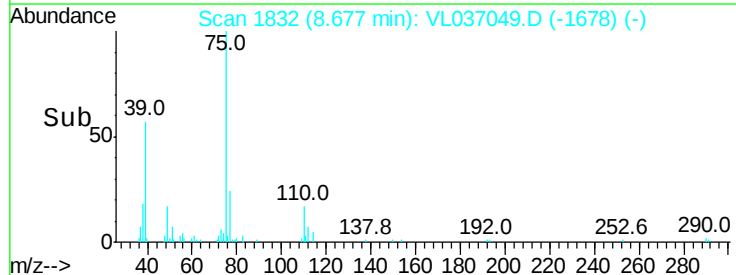
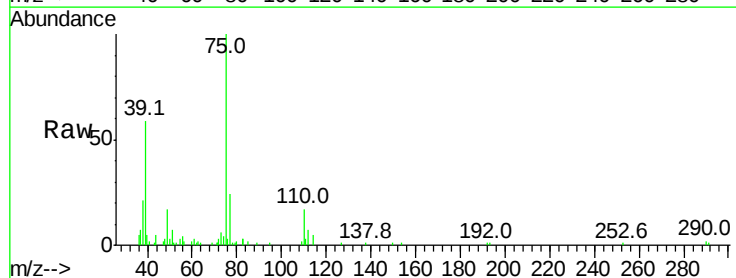
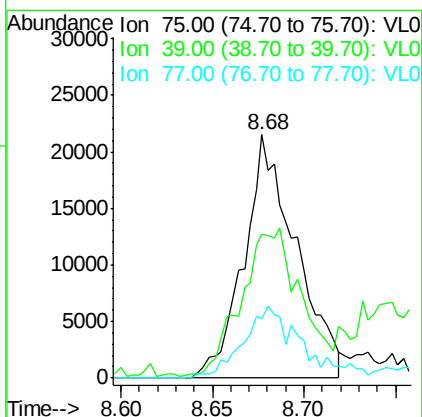
Delta R.T. -0.00 min

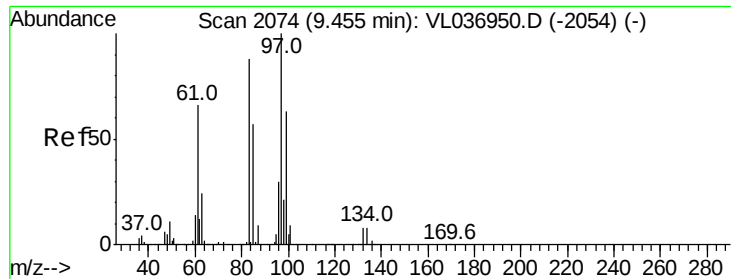
Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 75 Resp: 42288

Ion	Ratio	Lower	Upper
75	100		
39	59.3	51.5	77.3
77	24.1	25.9	38.9#





#47

1,1,2-Trichloroethane

Concen: 0.501 ppbv

RT: 9.45 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

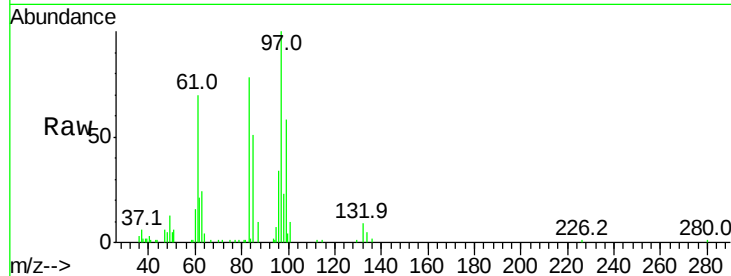
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.3	70.4	105.6
85	50.0	45.5	68.3
99	56.0	50.2	75.2

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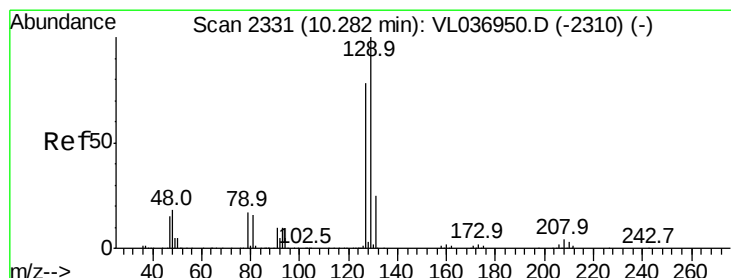
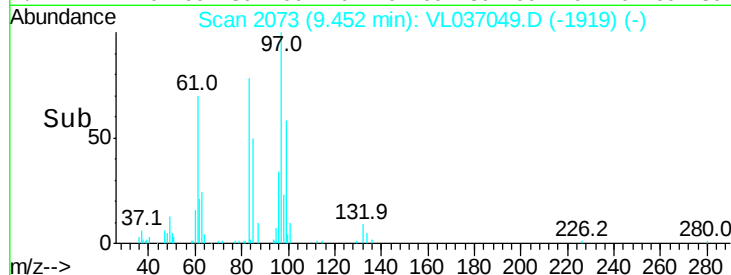
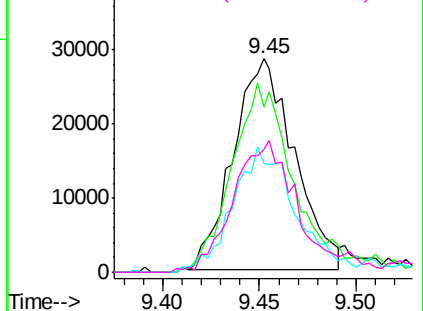


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.403 ppbv m

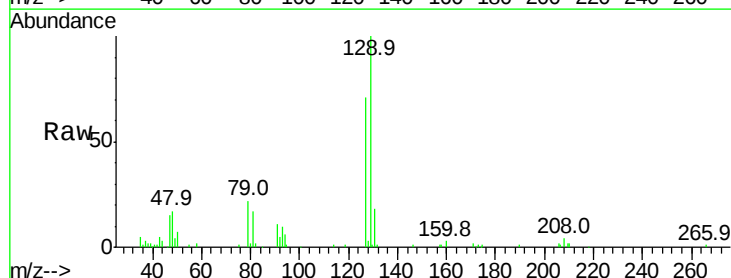
RT: 10.28 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VL037049.D

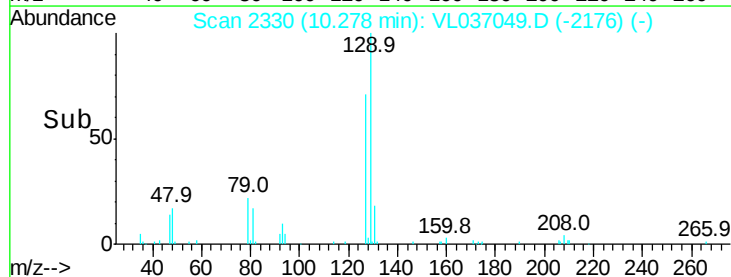
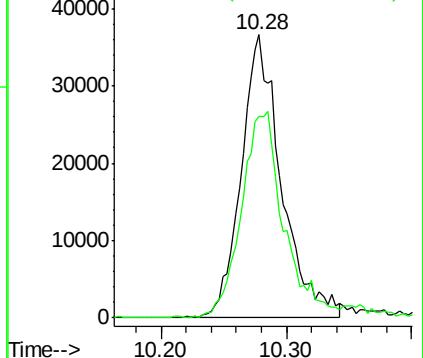
Acq: 24 May 2021 15:33

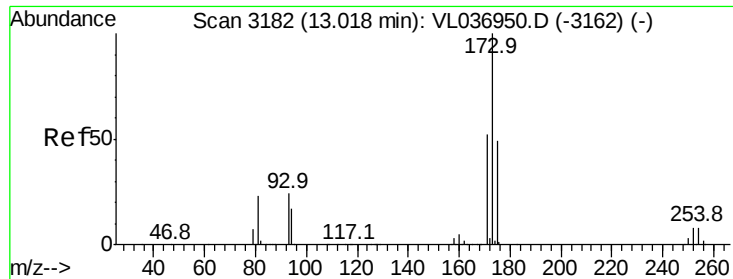
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.327 ppbv m

RT: 13.01 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:173 Resp: 54700

Ion Ratio Lower Upper

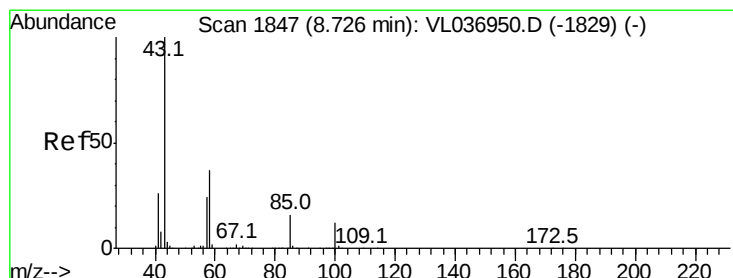
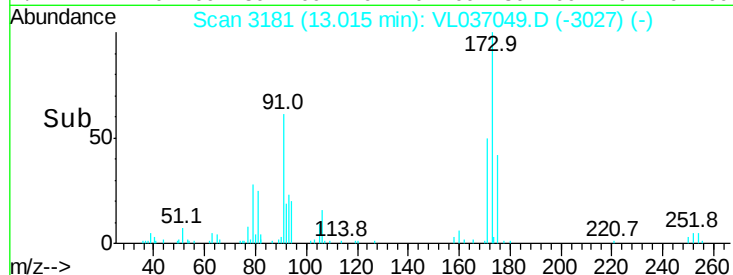
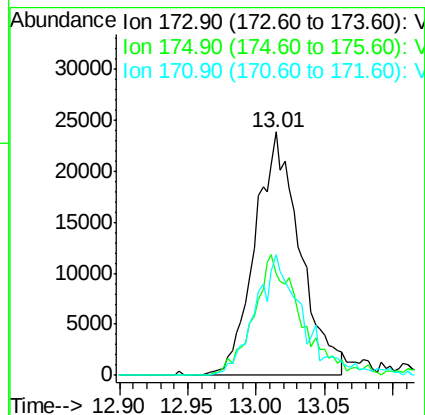
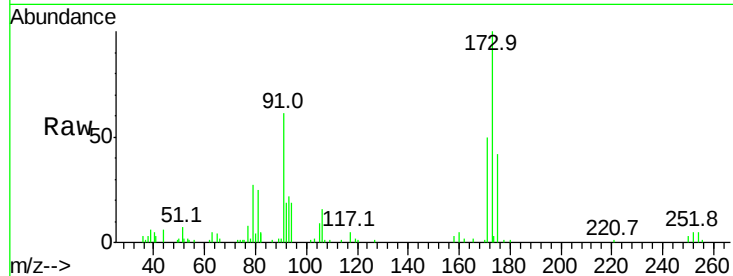
173 100

175 0.0 40.4 60.6#

171 0.0 42.6 64.0#

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#50

4-Methyl-2-Pentanone

Concen: 0.450 ppbv m

RT: 8.75 min Scan# 1854

Delta R.T. 0.02 min

Lab File: VL037049.D

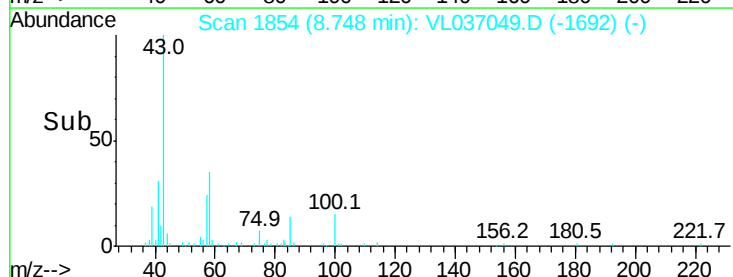
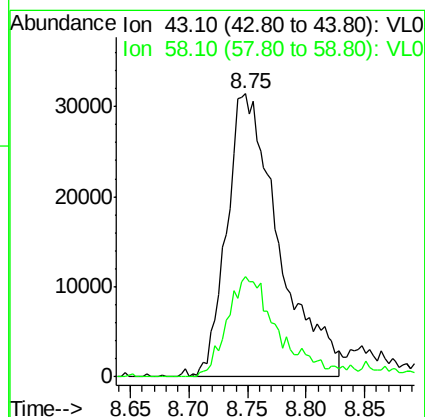
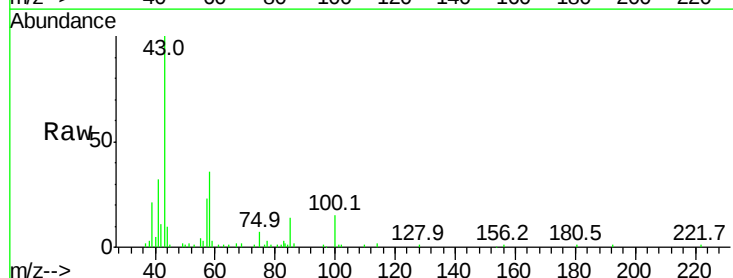
Acq: 24 May 2021 15:33

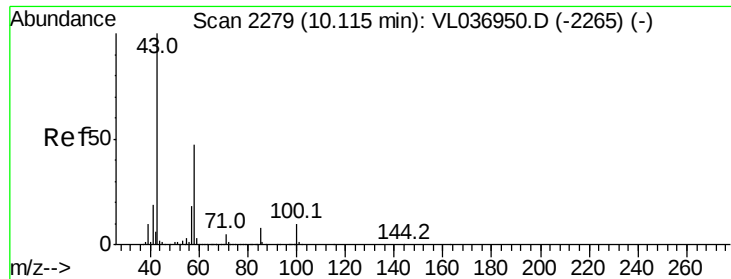
Tgt Ion: 43 Resp: 97232

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#





#51

2-Hexanone

Concen: 0.368 ppbv m

RT: 10.14 min Scan# 2288

Delta R.T. 0.03 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 43 Resp: 42030

Ion Ratio Lower Upper

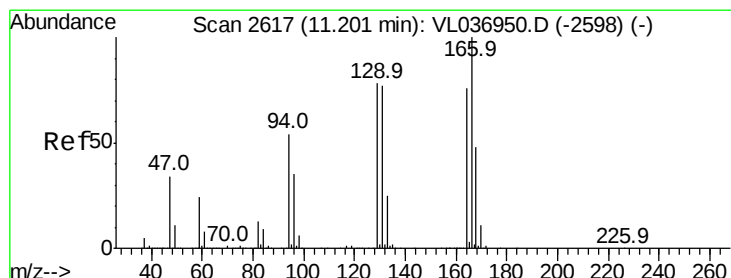
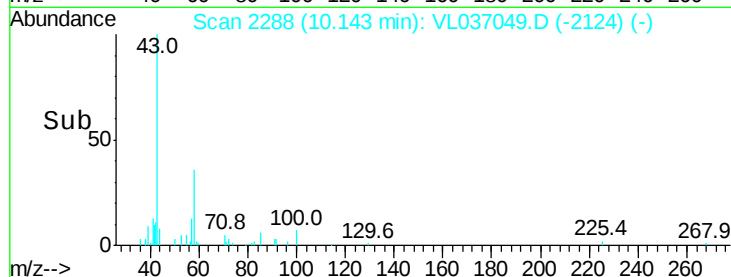
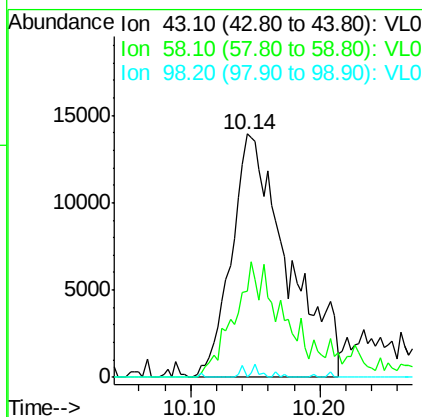
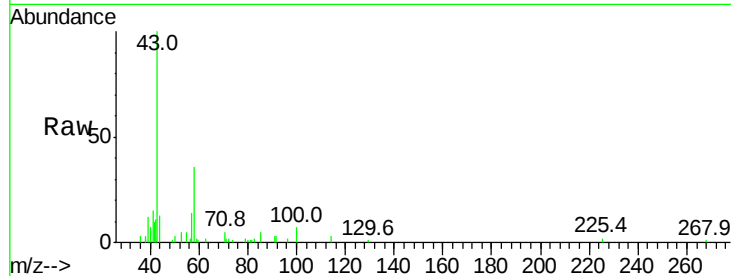
43 100

58 0.0 41.1 61.7#

98 0.1 0.1 0.1

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#52

Tetrachloroethene

Concen: 0.591 ppbv m

RT: 11.20 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 164 Resp: 72893

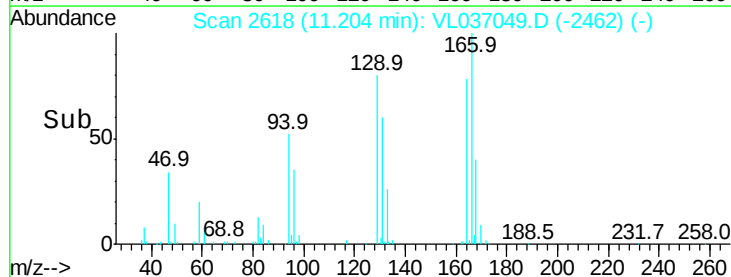
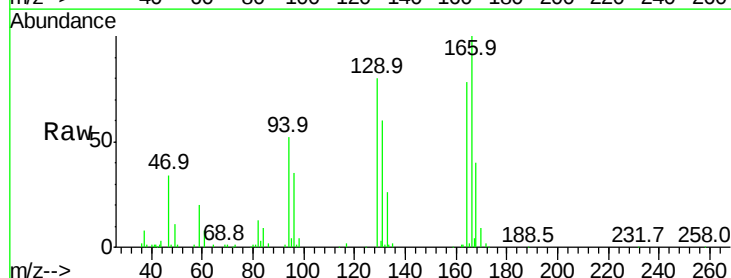
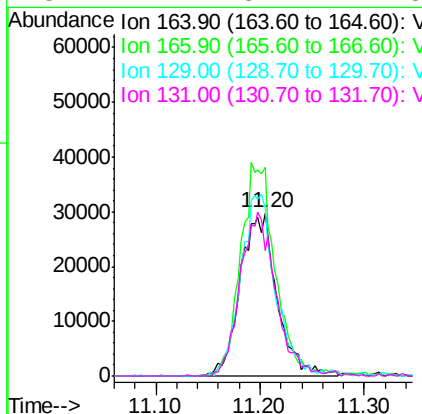
Ion Ratio Lower Upper

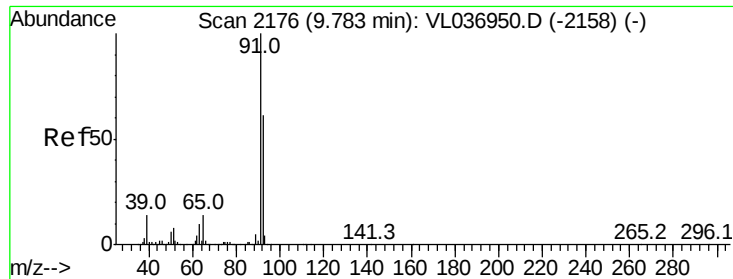
164 100

166 128.7 105.5 158.3

129 103.3 81.8 122.8

131 77.2 81.2 121.8#





#53

Toluene

Concen: 0.484 ppbv

RT: 9.78 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 178432

Ion Ratio Lower Upper

91 100

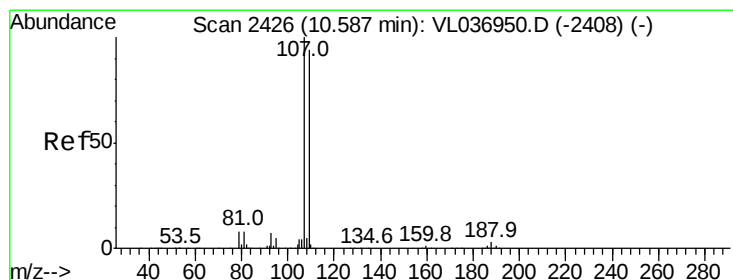
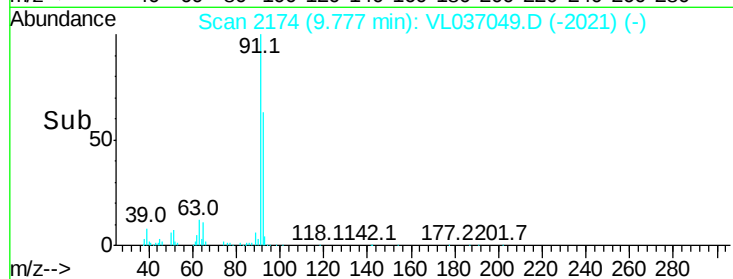
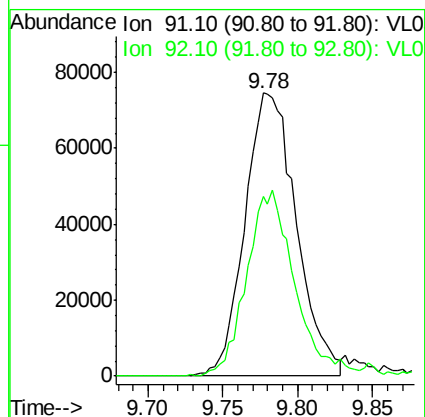
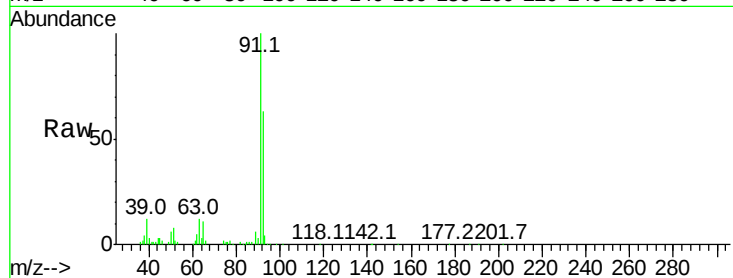
92 63.2 49.5 74.3

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#54

1,2-Dibromoethane

Concen: 0.474 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.00 min

Lab File: VL037049.D

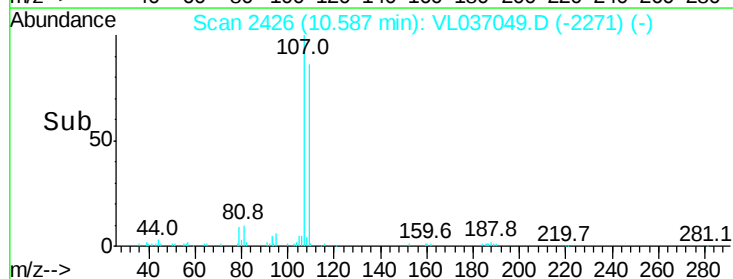
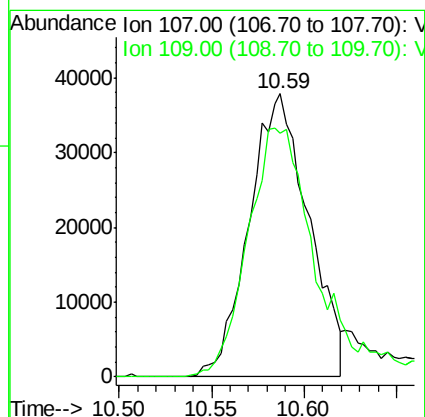
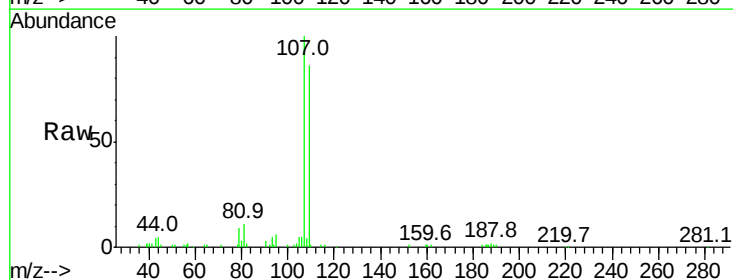
Acq: 24 May 2021 15:33

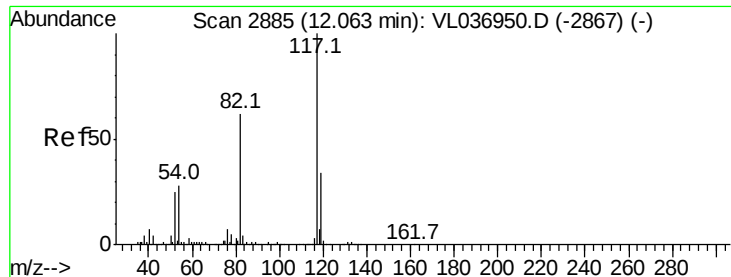
Tgt Ion: 107 Resp: 84316

Ion Ratio Lower Upper

107 100

109 85.3 75.0 112.4





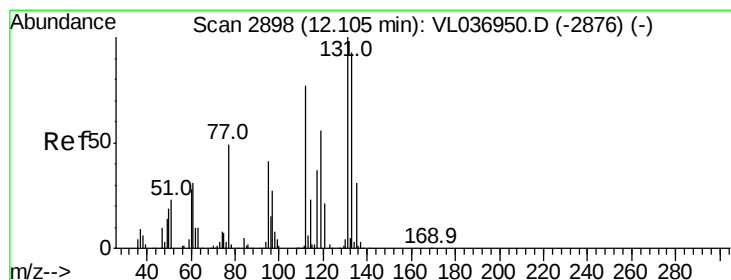
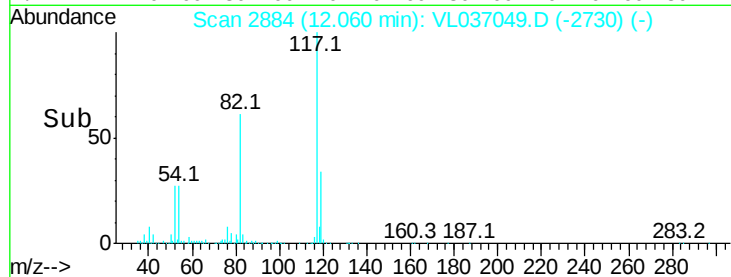
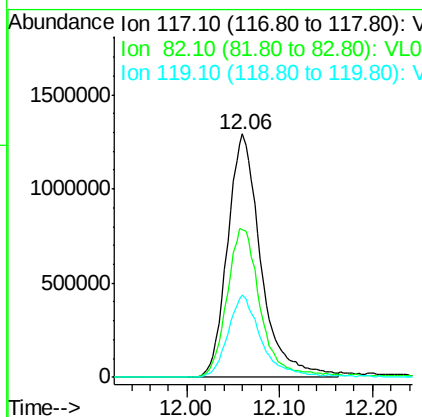
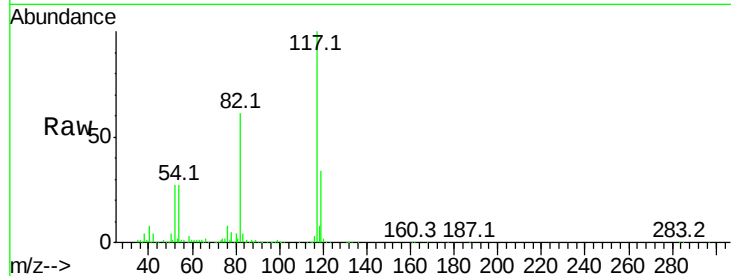
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:117 Resp: 3236388
Ion Ratio Lower Upper
117 100
82 62.6 52.6 79.0
119 34.6 46.6 70.0#

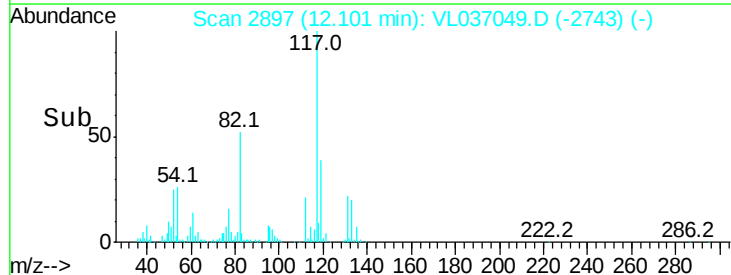
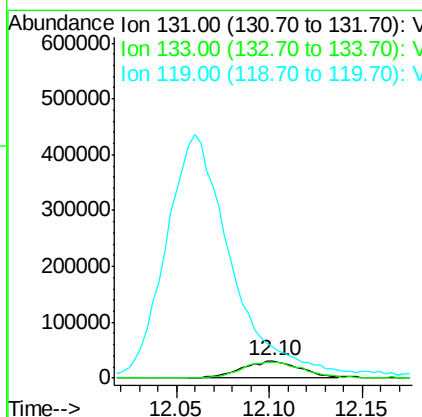
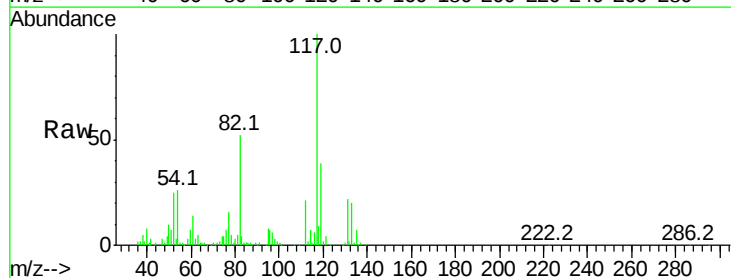
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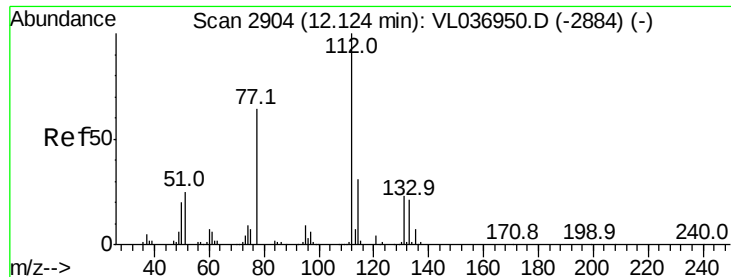
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.495 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion:131 Resp: 67413
Ion Ratio Lower Upper
131 100
133 102.2 76.9 115.3
119 1643.6 120.2 180.4#





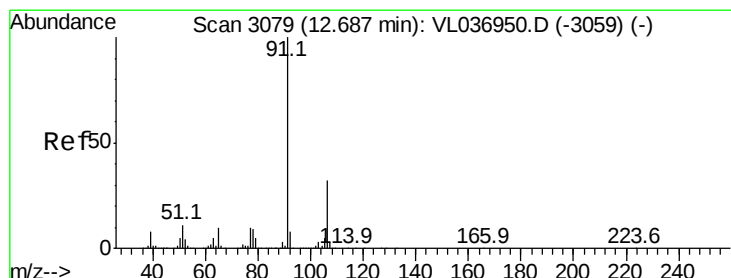
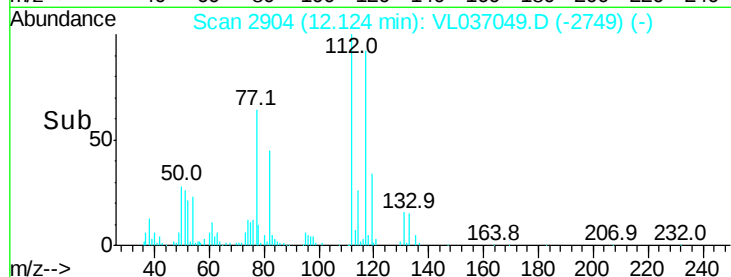
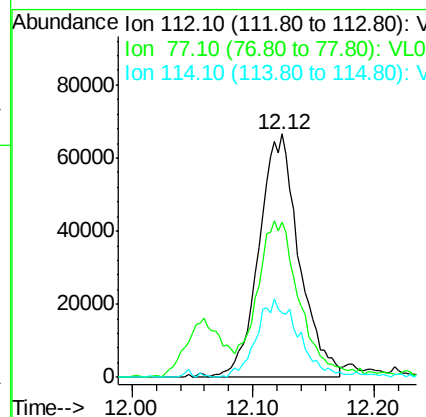
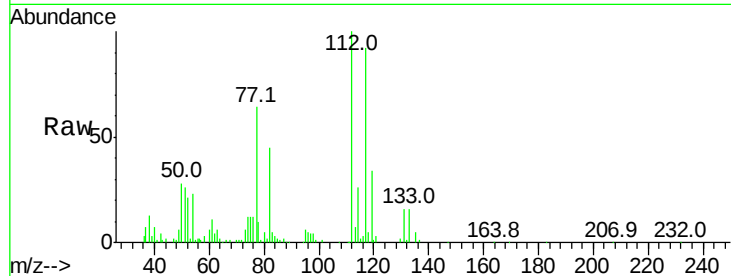
#57
Chlorobenzene
Concen: 0.618 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion	Ratio	Lower	Upper
112	100		
77	63.8	51.0	76.6
114	26.3	28.3	34.5#

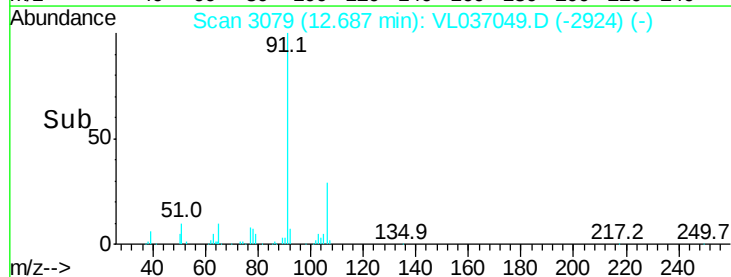
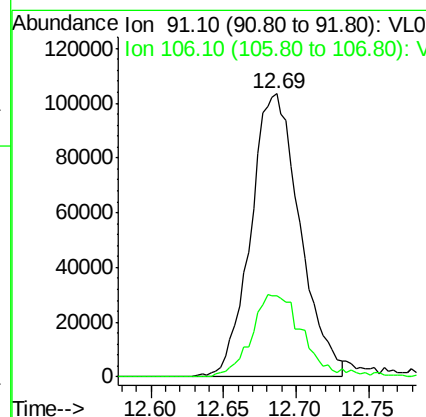
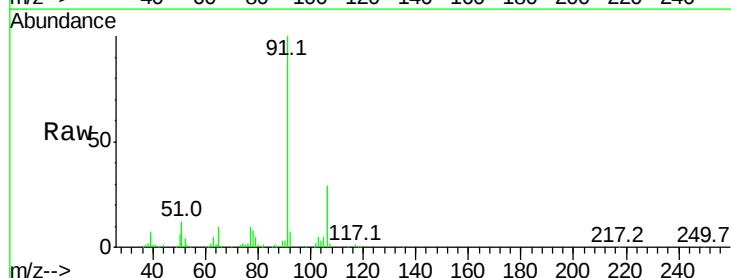
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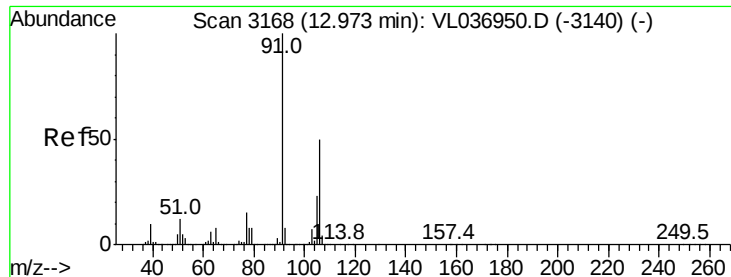
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#58
Ethyl Benzene
Concen: 0.533 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.6	38.4





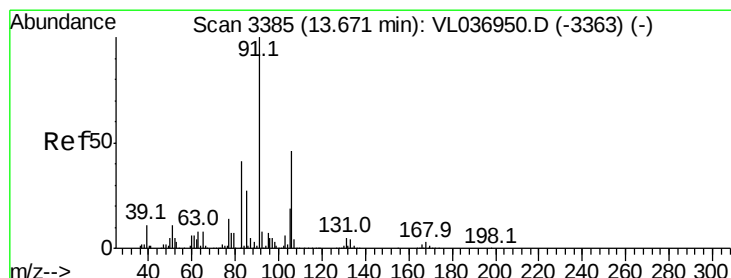
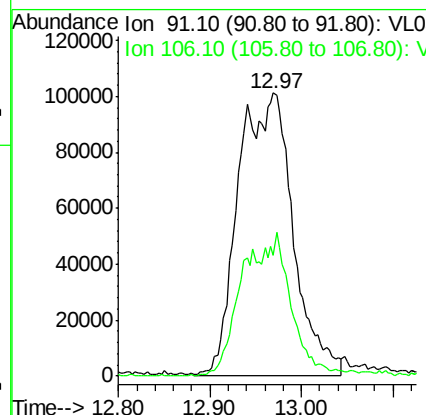
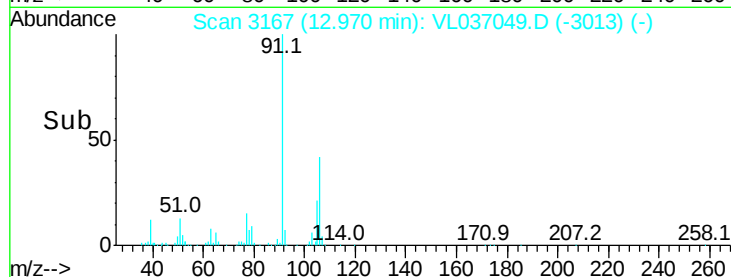
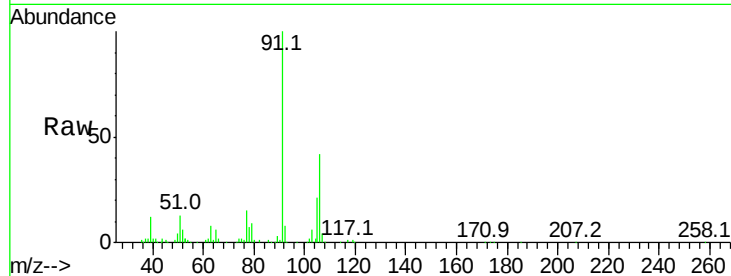
#59
m/p-Xylene
Concen: 1.118 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 422024
Ion Ratio Lower Upper
91 100
106 46.1 37.4 56.2

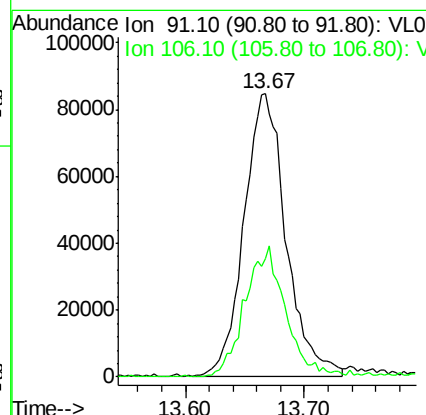
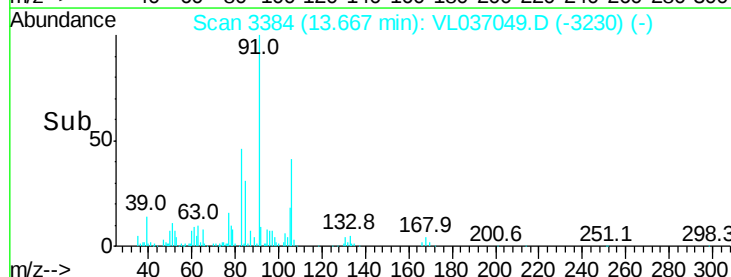
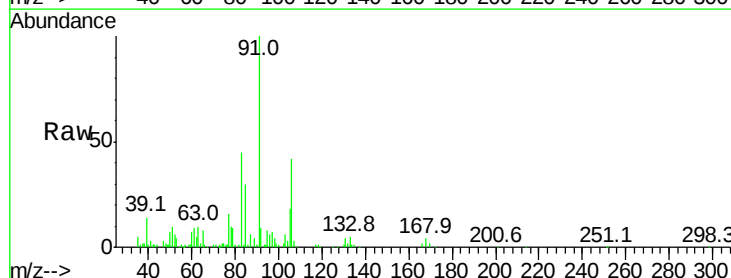
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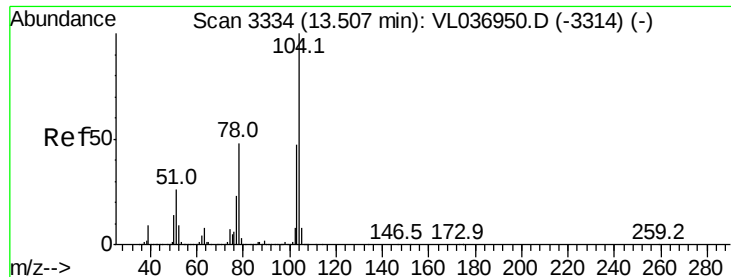
MMDadoda
5/25/2021 6:00:31 PM



#60
o-Xylene
Concen: 0.572 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion: 91 Resp: 205856
Ion Ratio Lower Upper
91 100
106 45.9 23.4 70.3





#61

Styrene

Concen: 0.449 ppbv

RT: 13.50 min Scan# 3332

Delta R.T. -0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

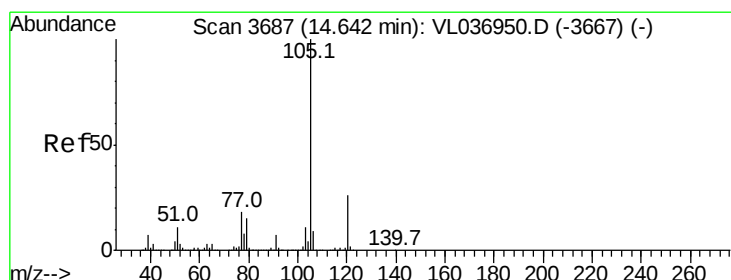
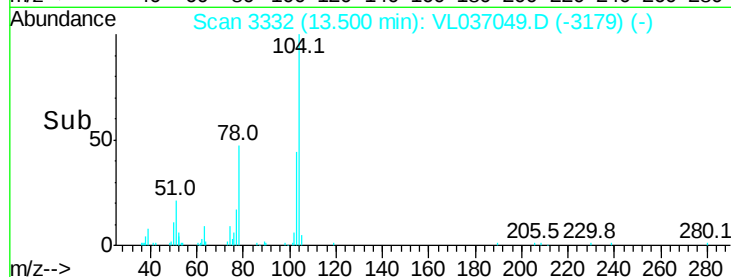
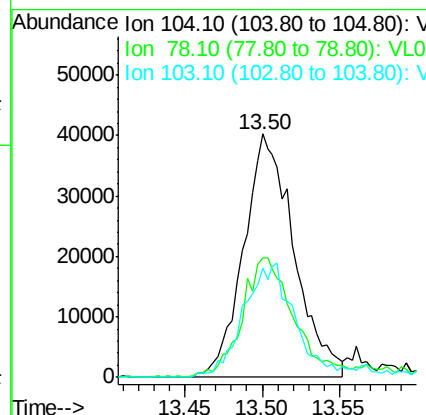
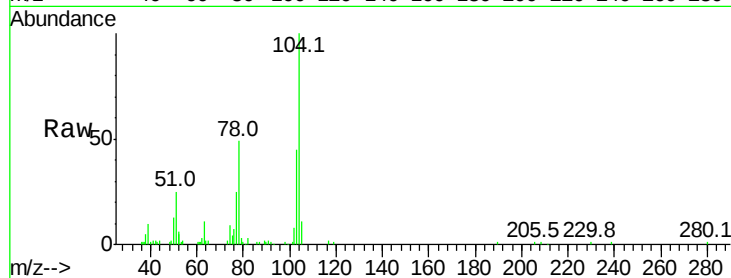
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:	104	Resp:	91113
Ion Ratio	Lower	Upper	
104	100		
78	56.6	39.0	58.6
103	51.0	38.0	57.0

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#62

Isopropylbenzene

Concen: 0.570 ppbv

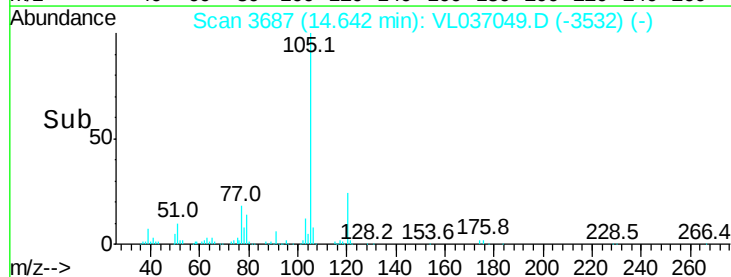
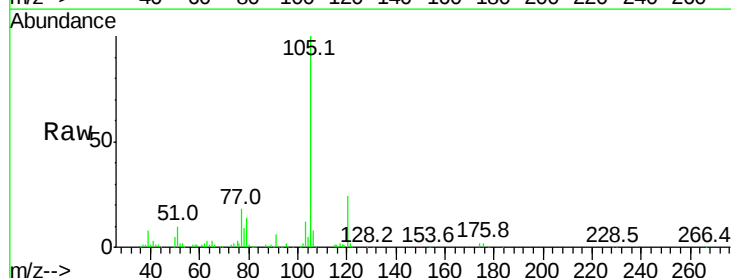
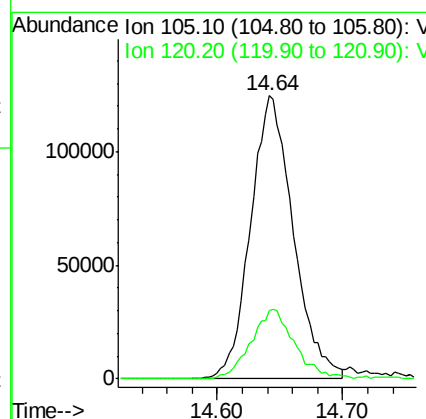
RT: 14.64 min Scan# 3687

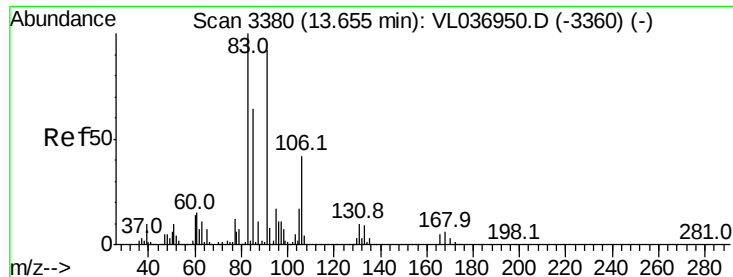
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	105	Resp:	295013
Ion Ratio	Lower	Upper	
105	100		
120	25.2	21.7	32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.488 ppbv

RT: 13.65 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

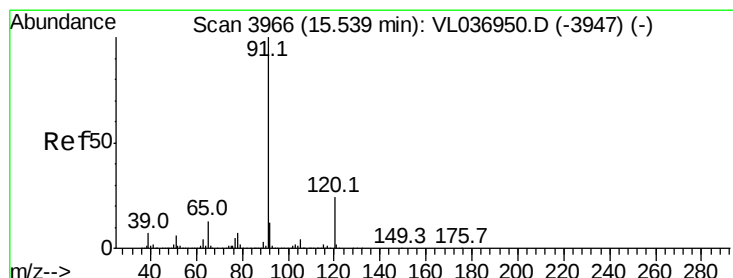
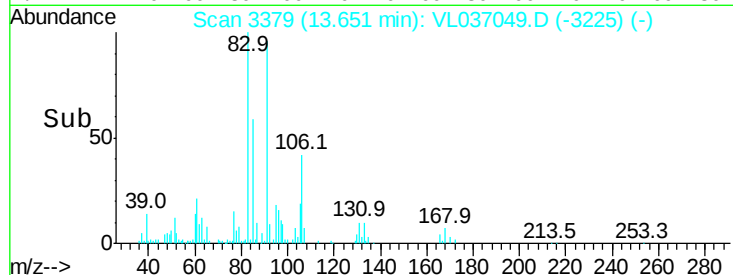
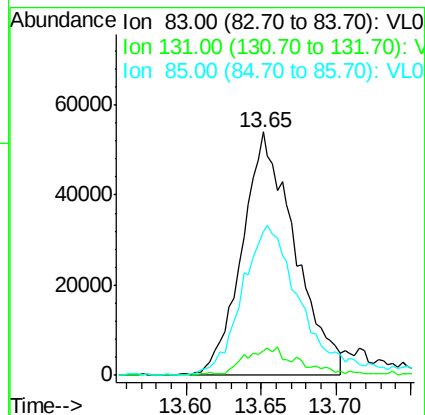
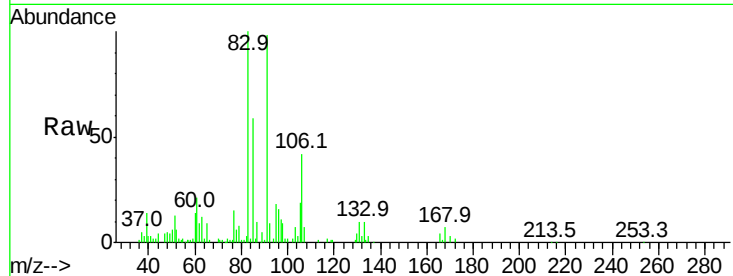
ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion:	83	Resp:	131301
Ion Ratio	Lower	Upper	
83	100		
131	12.4	5.0	15.0
85	68.5	32.9	98.6

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#64

n-propylbenzene

Concen: 0.486 ppbv

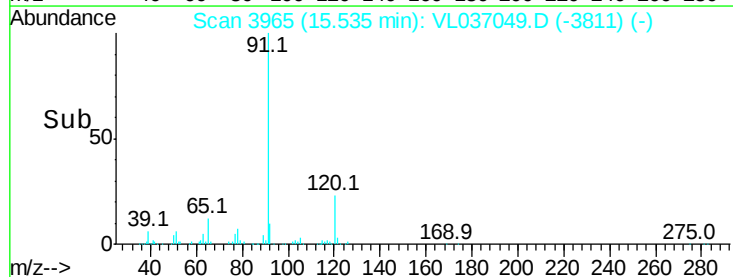
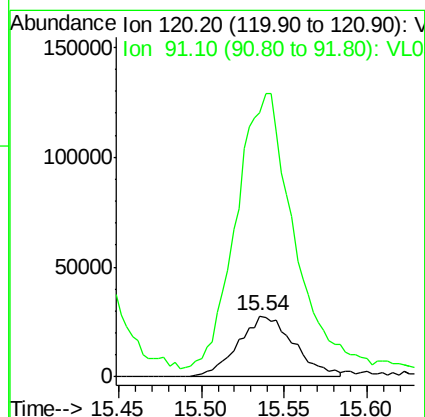
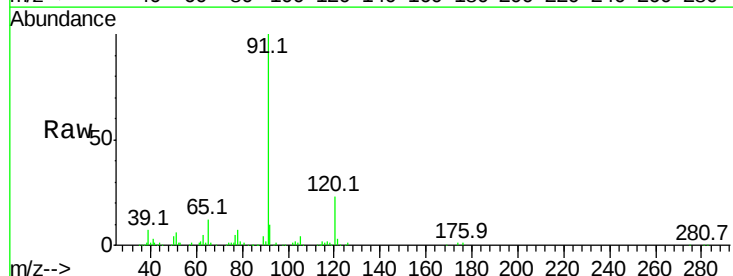
RT: 15.54 min Scan# 3965

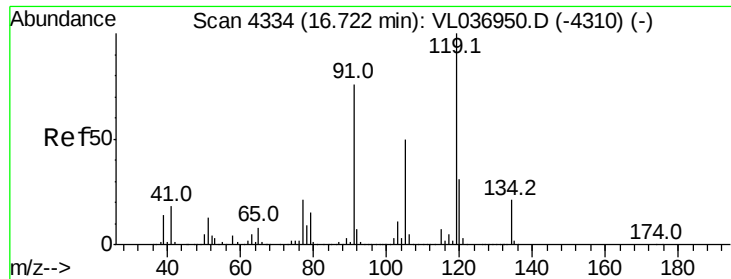
Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	120	Resp:	64915
Ion Ratio	Lower	Upper	
120	100		
91	527.3	343.8	515.6#





#65

tert-Butylbenzene

Concen: 0.558 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.00 min

Lab File: VL037049.D

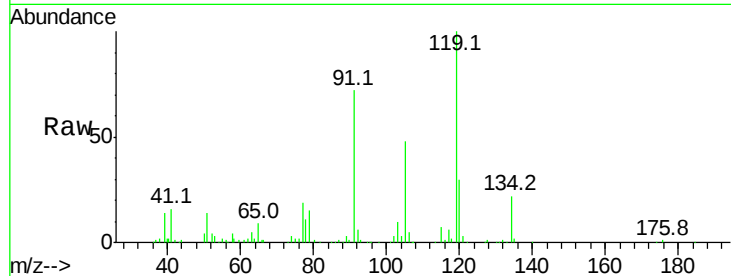
Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

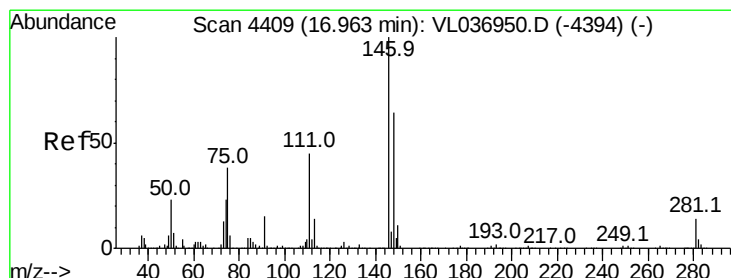
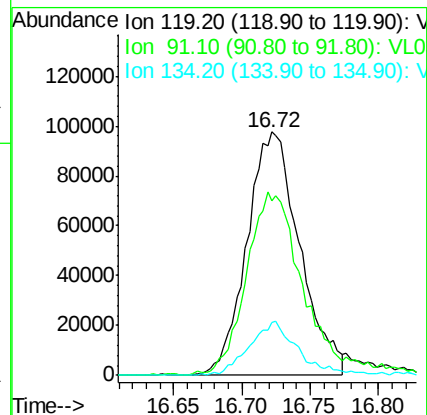
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Tgt Ion:	119	Resp:	260526
Ion Ratio	Lower	Upper	
119	100		
91	84.1	61.9	92.9
134	20.9	16.2	24.4

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#66

Benzyl Chloride

Concen: 0.311 ppbv m

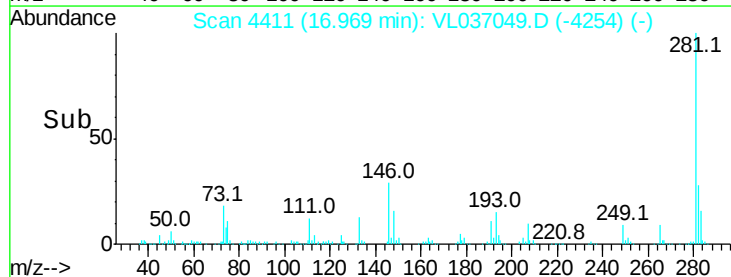
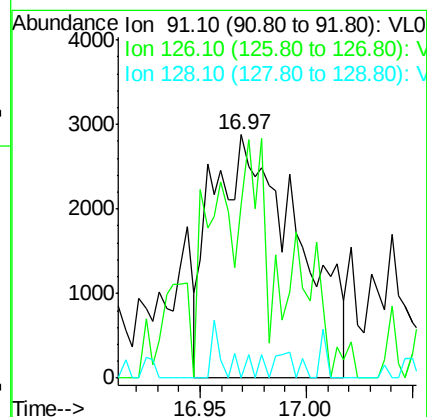
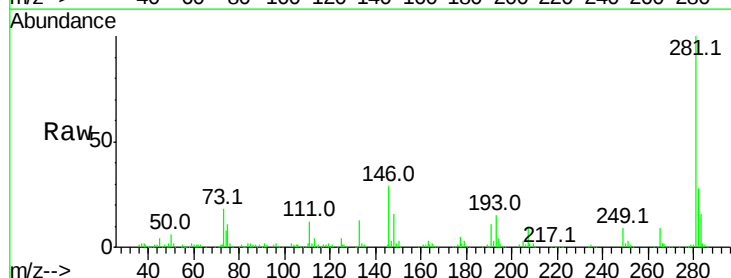
RT: 16.97 min Scan# 4411

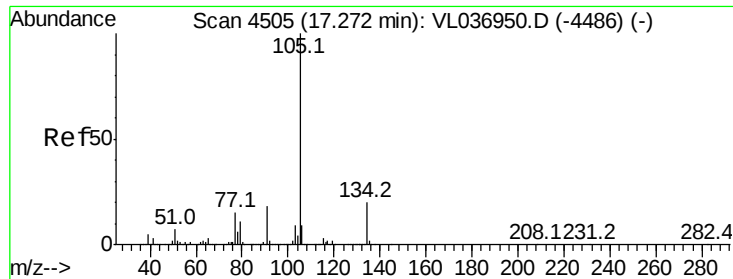
Delta R.T. 0.01 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion:	91	Resp:	8062
Ion Ratio	Lower	Upper	
91	100		
126	95.5	16.5	24.7#
128	8.2	5.5	8.3





#67

sec-Butylbenzene

Concen: 0.530 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 105 Resp: 337465

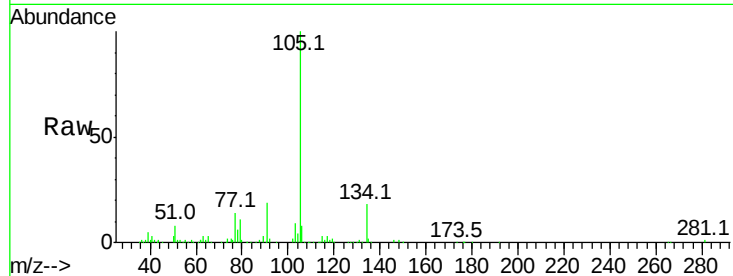
Ion Ratio Lower Upper

105 100

134 20.5 15.6 23.4

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.27

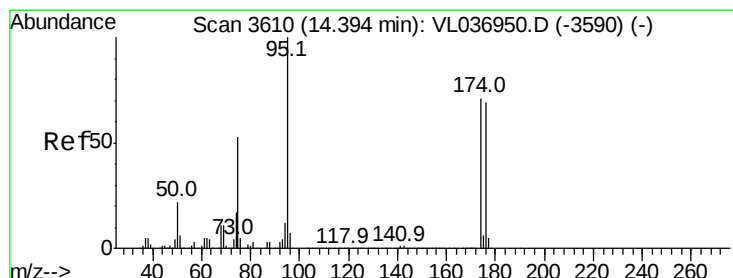
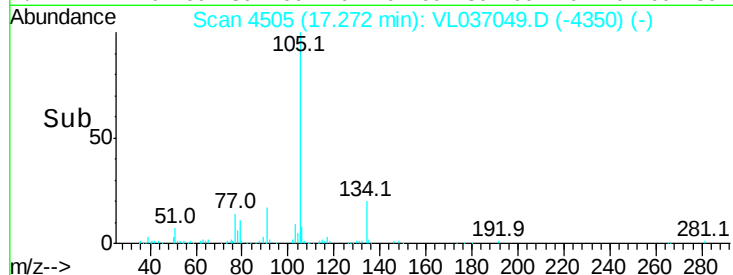
150000

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 9.632 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

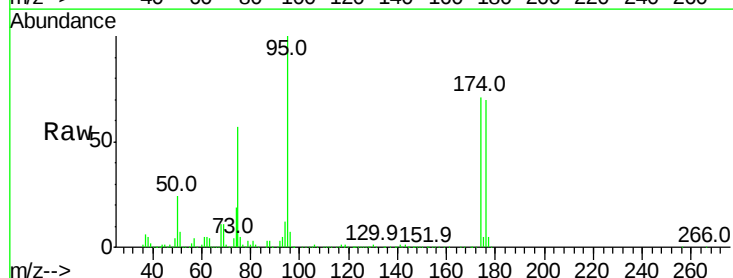
Tgt Ion: 95 Resp: 2341877

Ion Ratio Lower Upper

95 100

174 75.3 58.4 87.6

175 5.8 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

1200000

1000000

800000

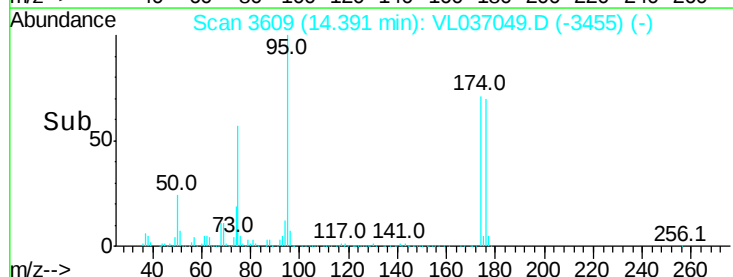
600000

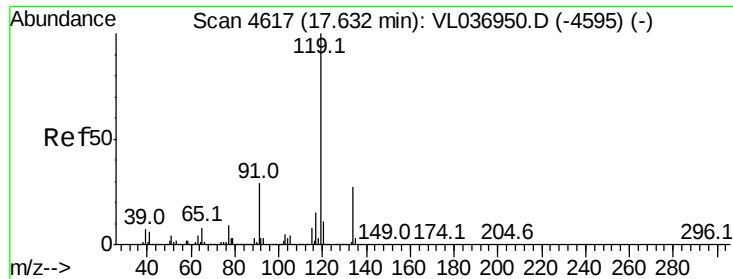
400000

200000

0

Time-->





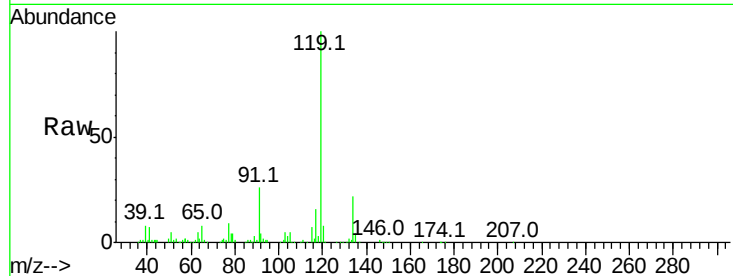
#69
p-Isopropyltoluene
Concen: 0.485 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

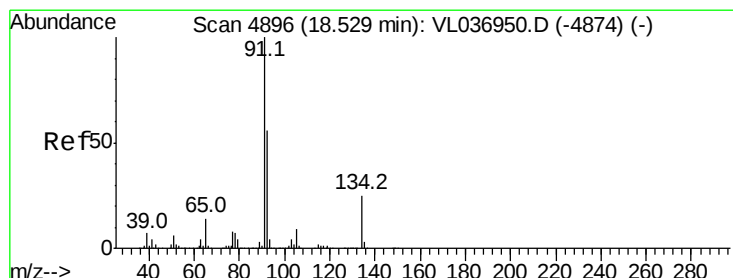
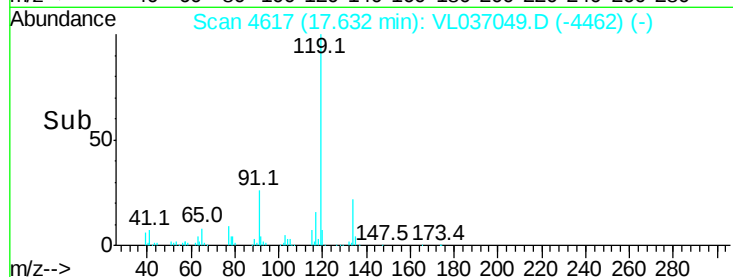
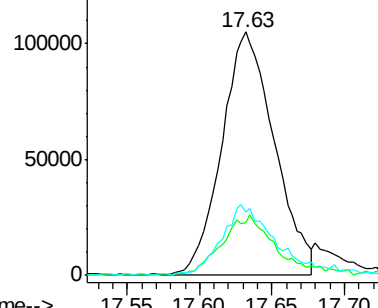
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	265559		
134	25.6	21.2	31.8	
91	29.9	22.2	33.4	

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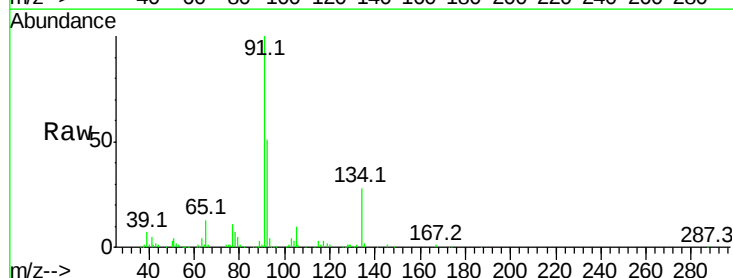


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

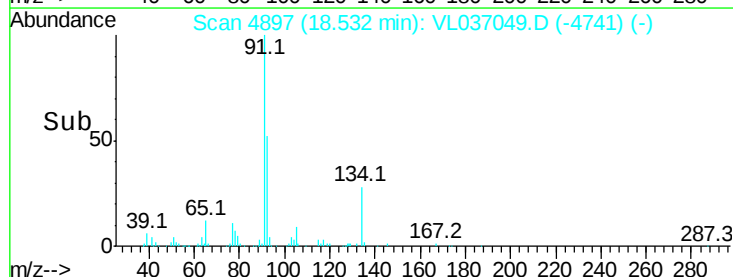
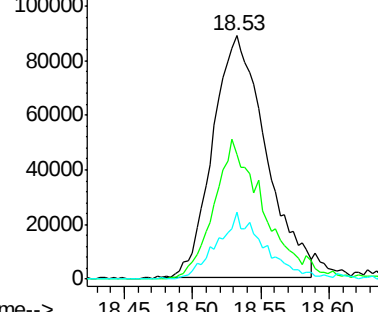


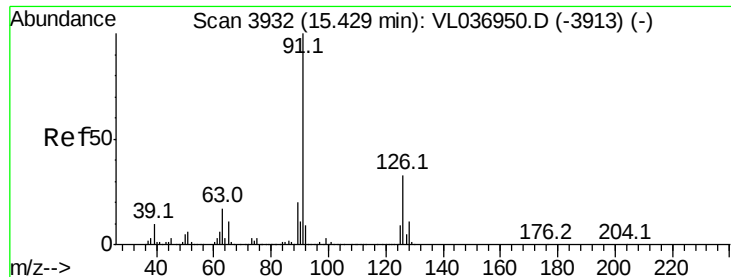
#70
n-Butylbenzene
Concen: 0.462 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. 0.00 min
Lab File: VL037049.D
Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	240280		
92	55.8	44.6	66.8	
134	25.7	20.2	30.2	



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





#71

2-Chlorotoluene

Concen: 0.529 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 197704

Ion Ratio Lower Upper

91 100

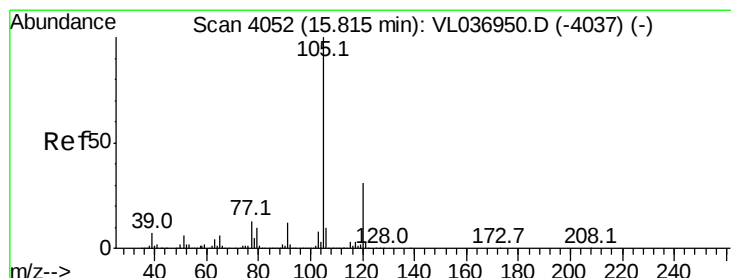
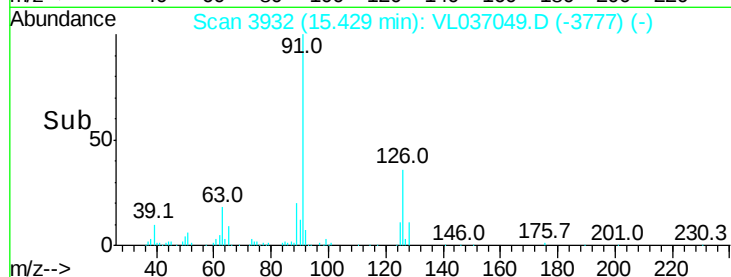
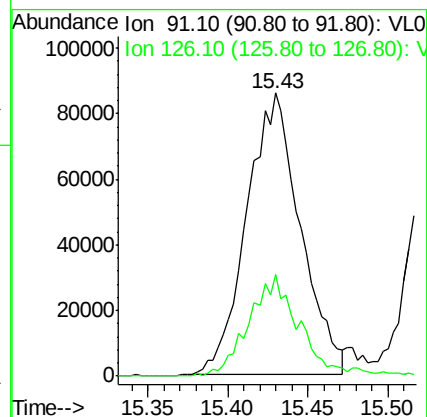
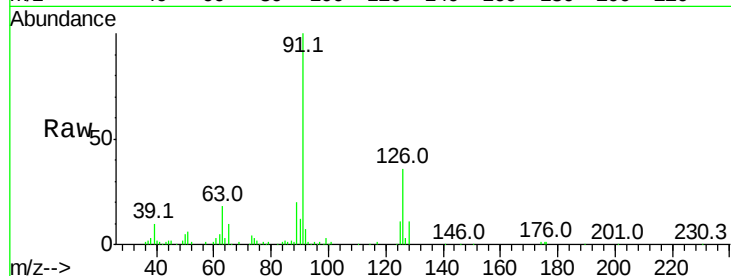
126 34.0 13.1 52.5

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#72

4-Ethyltoluene

Concen: 0.502 ppbv

RT: 15.81 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VL037049.D

Acq: 24 May 2021 15:33

Tgt Ion: 105 Resp: 214354

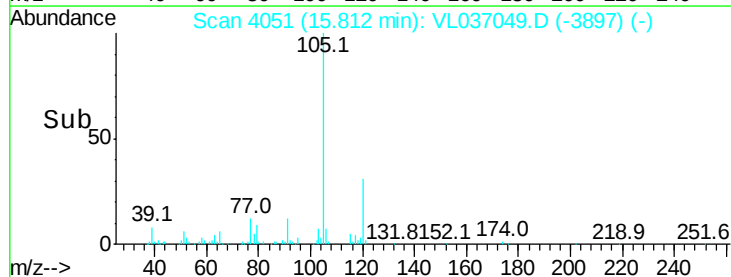
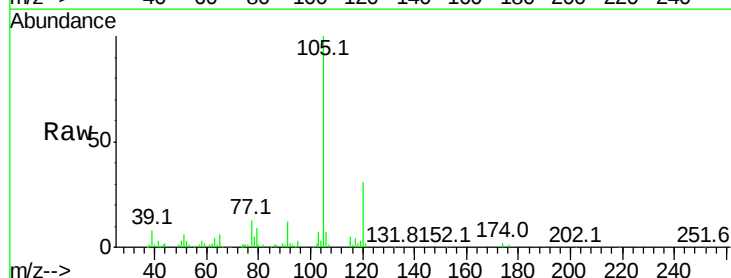
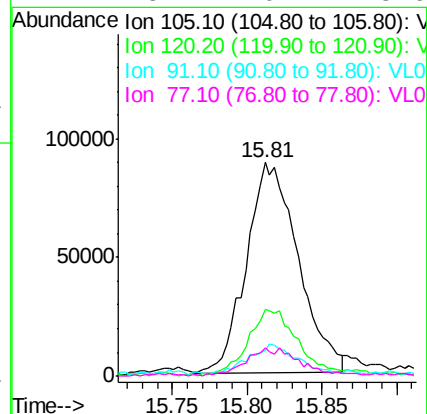
Ion Ratio Lower Upper

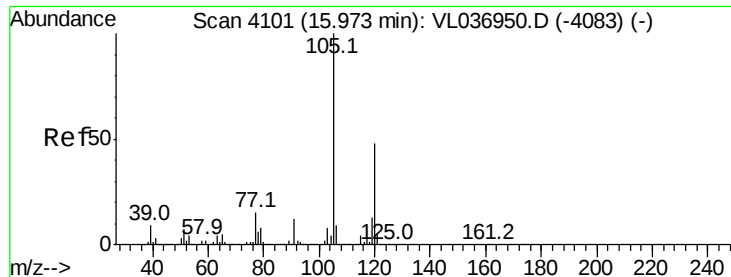
105 100

120 32.5 24.6 37.0

91 13.0 9.8 14.6

77 15.4 10.4 15.6





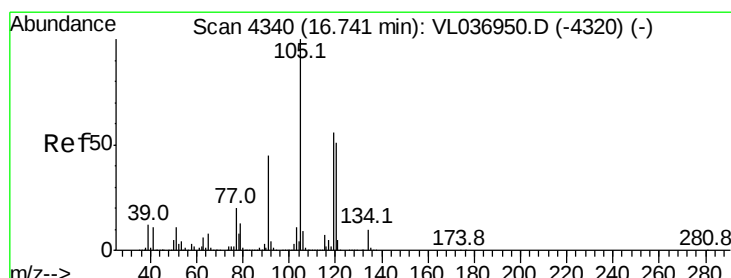
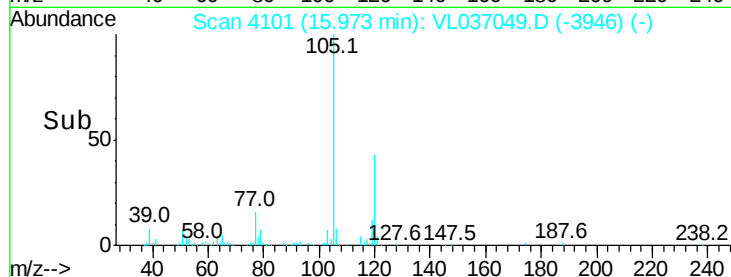
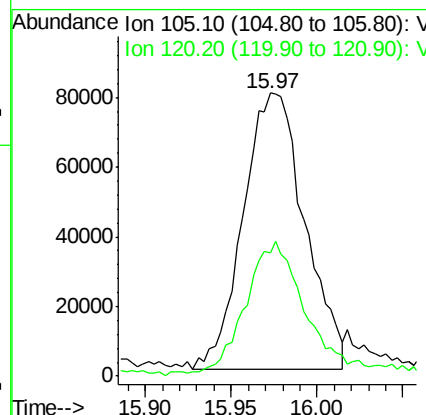
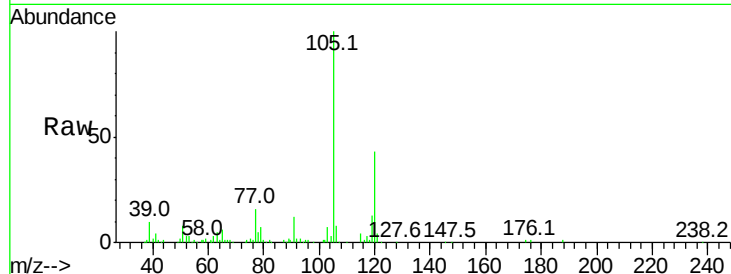
#73
 1,3,5-Trimethylbenzene
 Concen: 0.491 ppbv
 RT: 15.97 min Scan# 4101
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Tgt Ion:105 Resp: 197175
 Ion Ratio Lower Upper
 105 100
 120 43.1 38.6 58.0

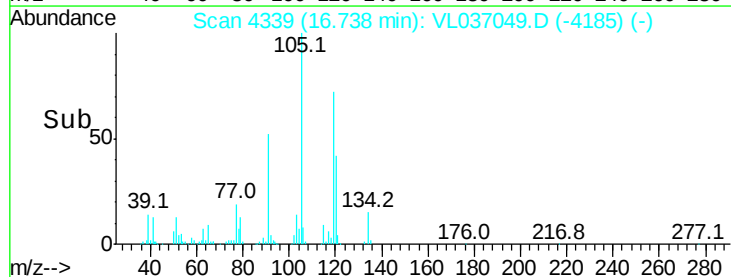
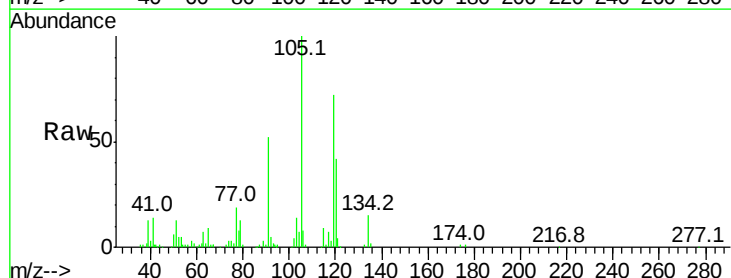
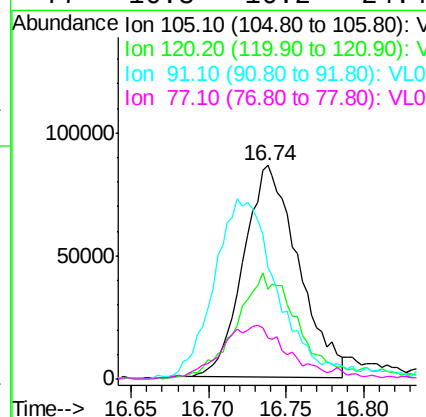
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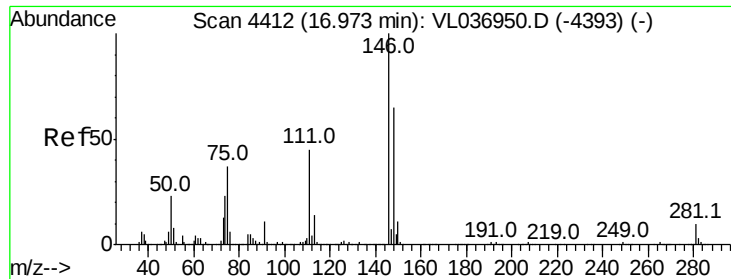
MMDadoda
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#74
 1,2,4-Trimethylbenzene
 Concen: 0.509 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion:105 Resp: 211201
 Ion Ratio Lower Upper
 105 100
 120 39.8 40.6 61.0#
 91 46.7 37.4 56.0
 77 16.3 16.2 24.4





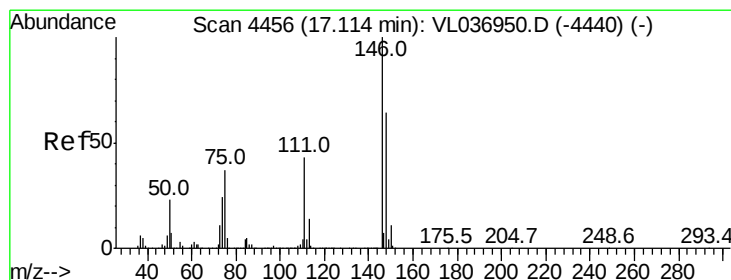
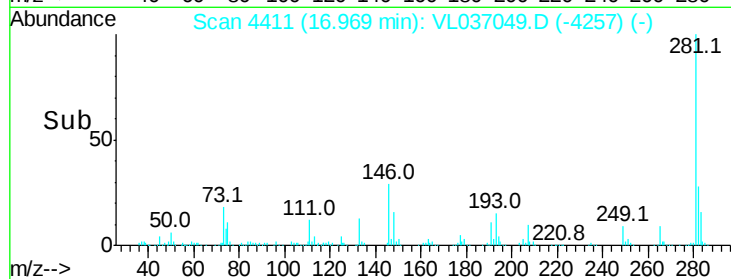
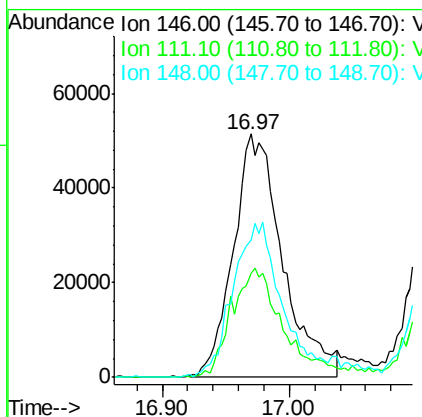
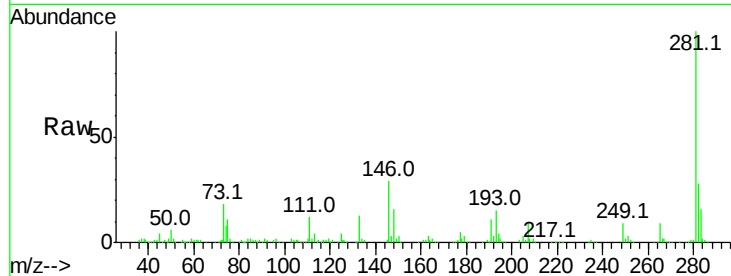
#75
 1,3-Dichlorobenzene
 Concen: 0.548 ppbv m
 RT: 16.97 min Scan# 4411
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

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

Manual Integrations
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#76
 1,4-Dichlorobenzene
 Concen: 0.532 ppbv m
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037049.D
 Acq: 24 May 2021 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	48.0	22.6	67.7
148	64.6	33.5	100.5

