

Data File : VL037048.D
Acq On : 24 May 2021 14:56
Operator : SY/AP
Sample : M2262-13 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/25/2021 6:00:29 PM

Quant Time: May 25 03:04:24 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 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	1197074	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3681842	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3268586	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2434996	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.03	85	115757	0.570	ppbv	98
3) Chlorodifluoromethane	2.97	51	109623	0.500	ppbv	97
4) Chloromethane	3.12	50	32395	0.434	ppbv	95
5) Vinyl Chloride	3.24	62	33829	0.415	ppbv #	86
6) Bromomethane	3.46	94	21529m	0.501	ppbv	
7) Chloroethane	3.54	64	13260m	0.501	ppbv	
8) Dichlorotetrafluoroethane	3.17	85	96481	0.506	ppbv	98
9) Propene	2.99	41	37247	0.474	ppbv	91
10) Heptane	8.10	43	74532	0.381	ppbv	94
11) Trichlorofluoromethane	3.93	101	95143	0.506	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	69598m	0.520	ppbv	
13) Ethanol	3.62	45	7295m	0.696	ppbv	
14) Bromoethene	3.73	108	25319	0.429	ppbv #	89
15) Acetone	3.86	43	62111	0.507	ppbv #	65
16) 1,3-Butadiene	3.31	39	32322	0.424	ppbv	92
17) tert-Butyl alcohol	4.32	59	50459m	0.449	ppbv	
18) 1,1-Dichloroethene	4.26	96	28681m	0.463	ppbv	
19) Isopropyl Alcohol	3.98	45	35097m	0.532	ppbv	
20) Methylene Chloride	4.33	84	49466	0.753	ppbv	91
21) Allyl Chloride	4.39	41	41600m	0.450	ppbv	
22) trans-1,2-Dichloroethene	4.87	96	23677m	0.399	ppbv	
23) Vinyl Acetate	5.07	43	69613m	0.358	ppbv	
24) 1,1-Dichloroethane	4.99	63	60014	0.428	ppbv	99
25) Ethyl Acetate	5.67	43	115746	0.393	ppbv	99
26) Hexane	5.66	57	68165m	0.453	ppbv	
27) Carbon Disulfide	4.53	76	51551m	0.340	ppbv	
28) Methyl tert-Butyl Ether	5.03	73	78246	0.434	ppbv	97
29) Chloroform	5.73	83	98802m	0.465	ppbv	
30) Cyclohexane	7.11	84	52300m	0.409	ppbv	
31) cis-1,2-Dichloroethene	5.53	61	53997m	0.400	ppbv	
32) 1,1,1-Trichloroethane	6.48	97	92151	0.404	ppbv	95
34) 2-Butanone	5.25	43	64424m	0.481	ppbv	
35) Carbon Tetrachloride	6.99	117	85608	0.350	ppbv	96
36) Benzene	6.86	78	125212	0.395	ppbv	97
37) 1,2-Dichloroethane	6.29	62	61538	0.391	ppbv #	95
38) Trichloroethene	7.81	130	53064m	0.391	ppbv	
39) 1,2-Dichloropropane	7.59	63	48181m	0.394	ppbv	
40) 1,4-Dioxane	7.86	88	14711m	0.510	ppbv	
41) Tetrahydrofuran	6.06	42	26133m	0.342	ppbv	
42) Bromodichloromethane	7.77	83	78544	0.330	ppbv #	78
43) Methyl Methacrylate	8.01	69	36528m	0.334	ppbv	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	215869	0.397	ppbv	97
45) t-1,3-Dichloropropene	9.26	75	21445m	0.257	ppbv	
46) cis-1,3-Dichloropropene	8.68	75	34636m	0.308	ppbv	
47) 1,1,2-Trichloroethane	9.45	97	49864	0.390	ppbv	93
48) Dibromochloromethane	10.28	129	62789m	0.303	ppbv	
49) Bromoform	13.02	173	39922m	0.233	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	74348m	0.336	ppbv	
51) 2-Hexanone	10.15	43	36259m	0.310	ppbv	
52) Tetrachloroethene	11.19	164	54656	0.433	ppbv #	88
53) Toluene	9.78	91	142098m	0.377	ppbv	
54) 1,2-Dibromoethane	10.58	107	70917m	0.390	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.10	131	56289m	0.409	ppbv	
57) Chlorobenzene	12.12	112	117360	0.463	ppbv #	90
58) Ethyl Benzene	12.68	91	189897	0.412	ppbv	89
59) m/p-Xylene	12.96	91	324691m	0.851	ppbv	
60) o-Xylene	13.66	91	156109	0.429	ppbv	99
61) Styrene	13.51	104	66464	0.324	ppbv	92
62) Isopropylbenzene	14.64	105	232763m	0.445	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.65	83	98736	0.364	ppbv	90
64) n-propylbenzene	15.54	120	55984m	0.415	ppbv	
65) tert-Butylbenzene	16.72	119	190511	0.404	ppbv	88
66) Benzyl Chloride	16.97	91	8275m	0.316	ppbv	
67) sec-Butylbenzene	17.27	105	254939	0.396	ppbv	96
69) p-Isopropyltoluene	17.63	119	223272m	0.404	ppbv	
70) n-Butylbenzene	18.53	91	187983m	0.358	ppbv	
71) 2-Chlorotoluene	15.42	91	158672m	0.420	ppbv	
72) 4-Ethyltoluene	15.82	105	174082m	0.403	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	151100	0.373	ppbv	86
74) 1,2,4-Trimethylbenzene	16.74	105	160756	0.384	ppbv	90
75) 1,3-Dichlorobenzene	16.97	146	104567m	0.409	ppbv	
76) 1,4-Dichlorobenzene	17.11	146	102823	0.397	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	104195m	0.406	ppbv	
78) Hexachloro-1,3-Butadiene	23.35	225	85412m	0.414	ppbv	
79) Naphthalene	22.18	128	73583m	0.224	ppbv	
80) Naphthalene,2-methyl-	25.00	142	9393m	0.131	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	53520m	0.267	ppbv	

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

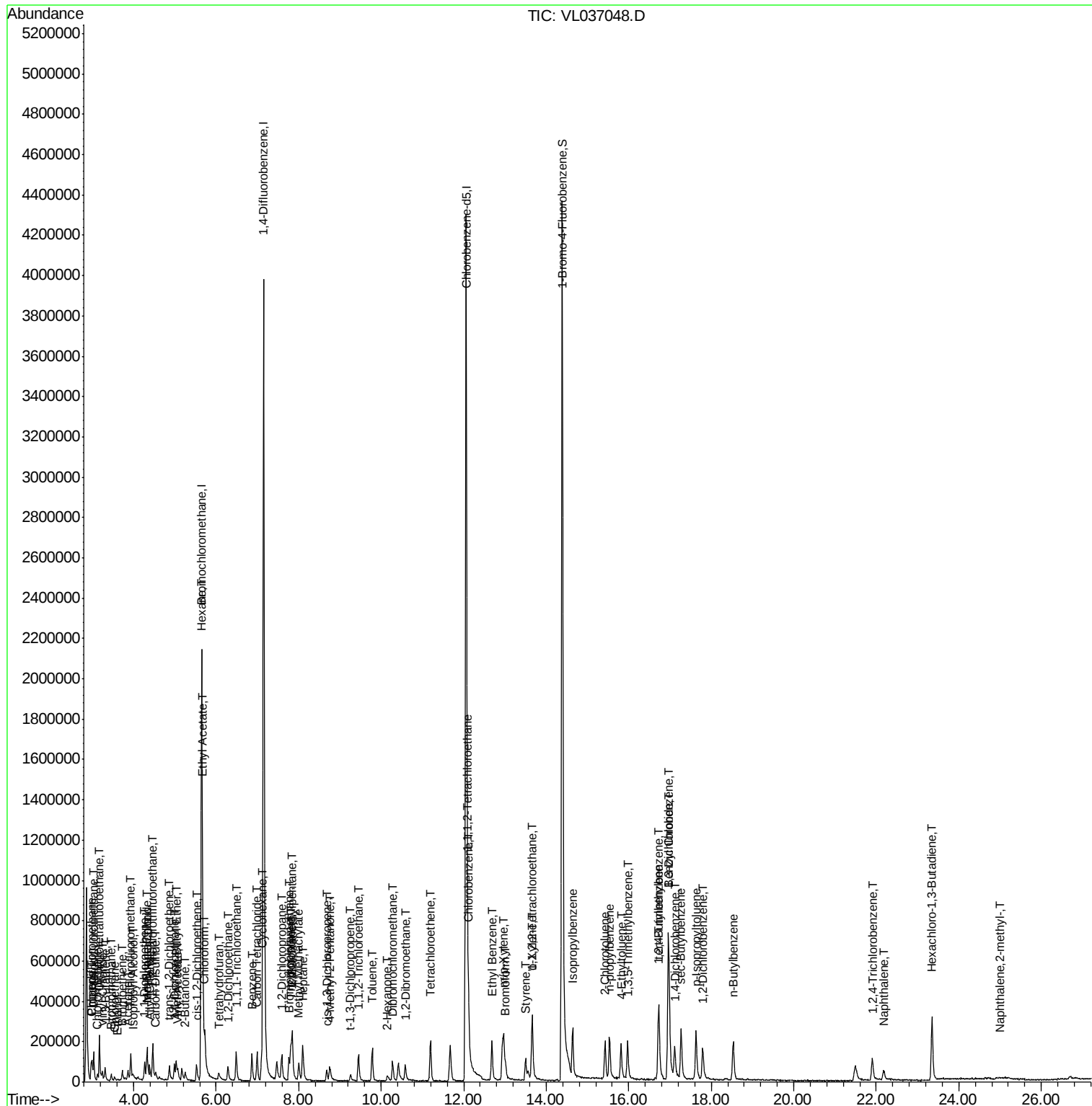
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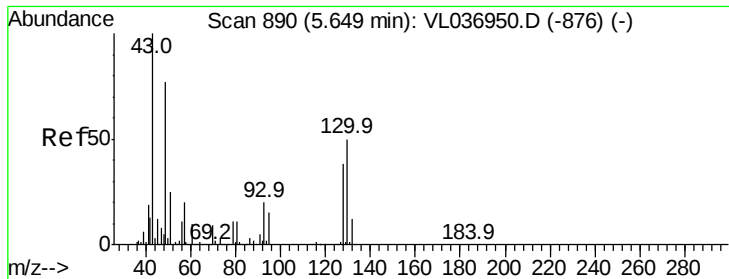
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

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Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 49 Resp: 1197074

Ion Ratio Lower Upper

49 100

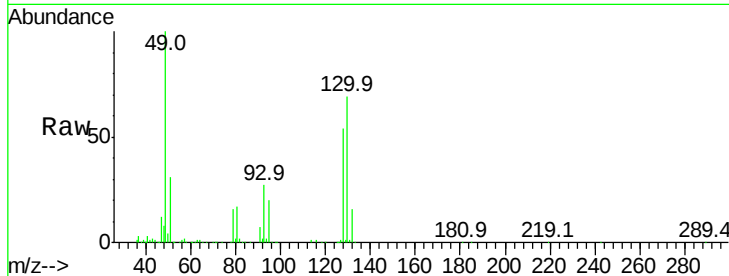
128 58.4 26.9 80.7

130 76.2 33.8 101.4

Manual Integrations
APPROVED

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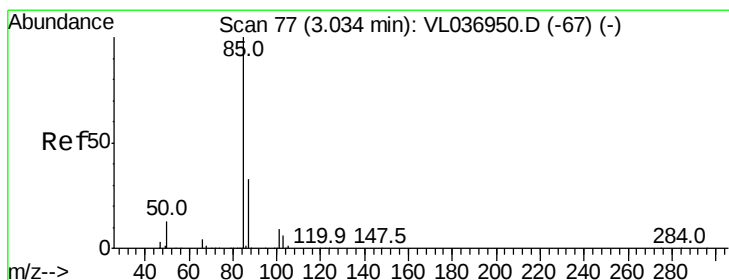
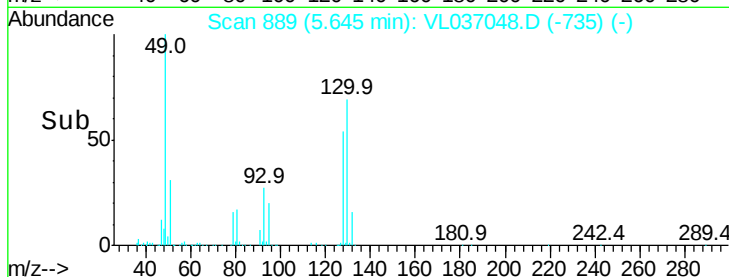
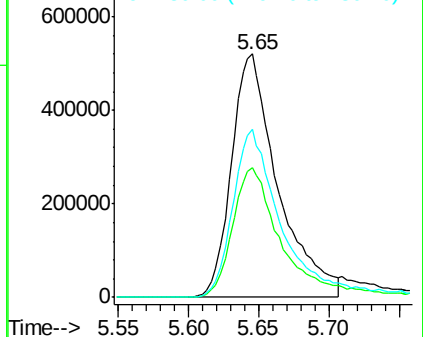
5/25/2021 6:00:29 PM



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: 0.570 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.01 min

Lab File: VL037048.D

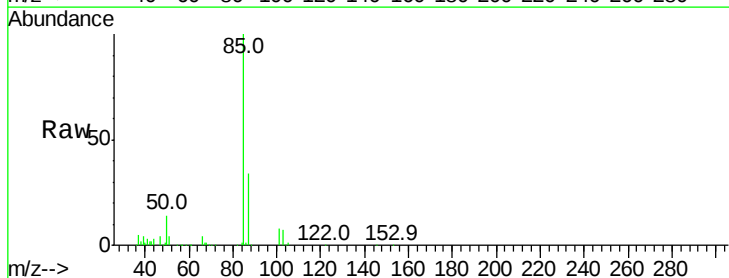
Acq: 24 May 2021 14:56

Tgt Ion: 85 Resp: 115757

Ion Ratio Lower Upper

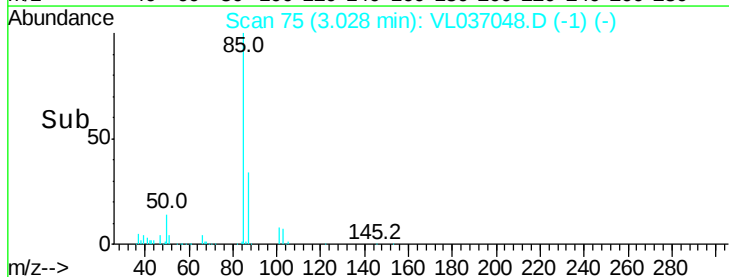
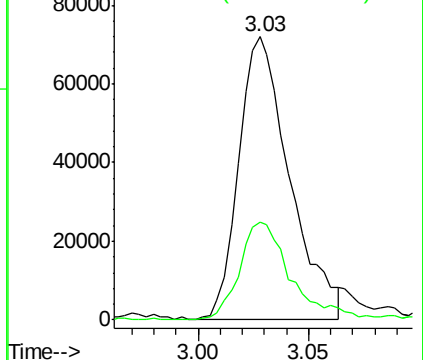
85 100

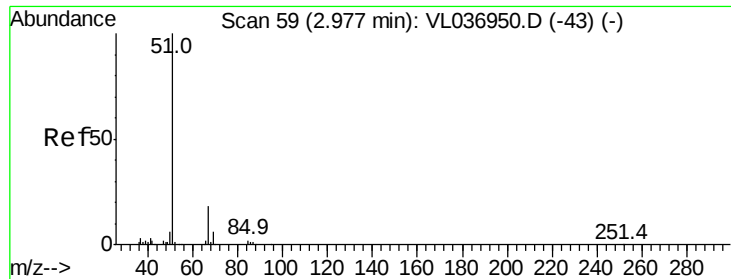
87 34.5 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.500 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

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Tgt Ion: 51 Resp: 109623

Ion Ratio Lower Upper

51 100

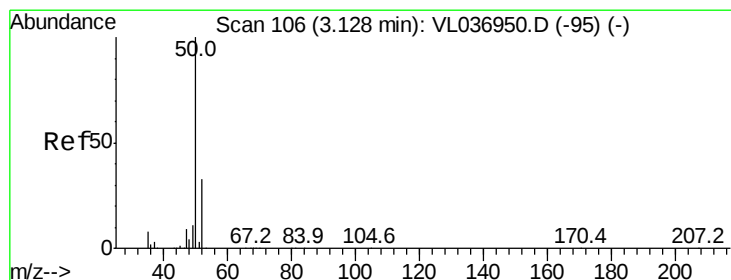
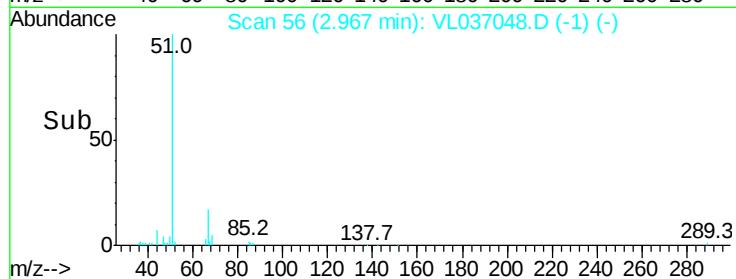
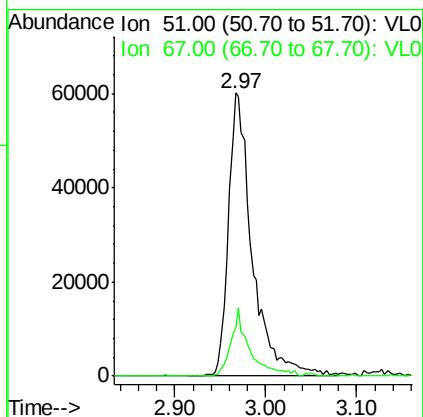
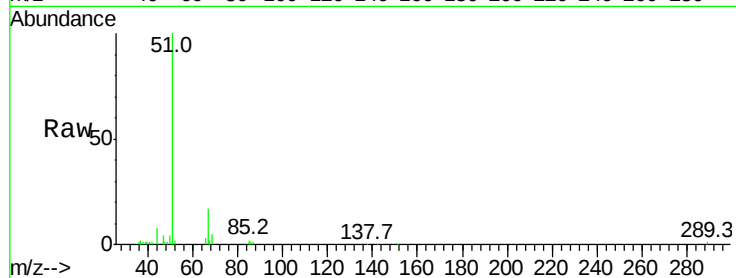
67 19.4 14.6 21.8

Manual Integrations

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#4

Chloromethane

Concen: 0.434 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.01 min

Lab File: VL037048.D

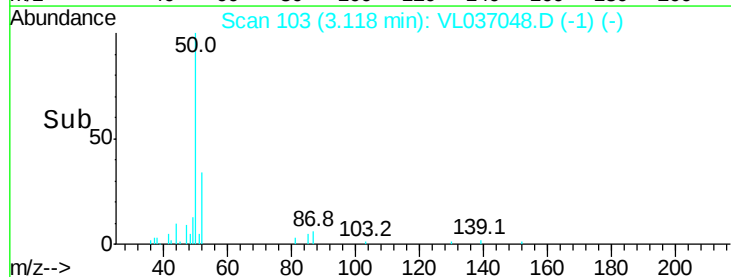
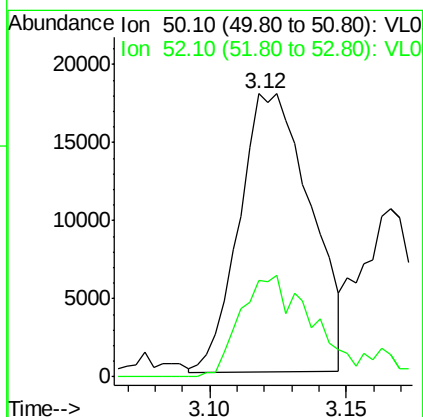
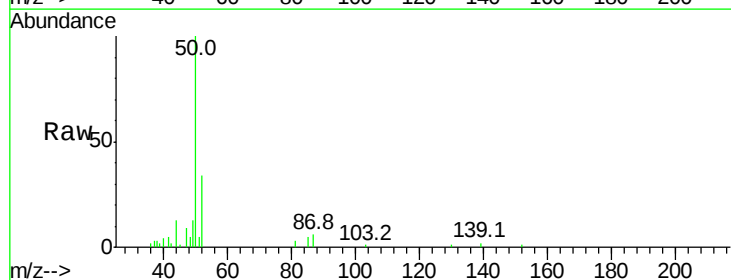
Acq: 24 May 2021 14:56

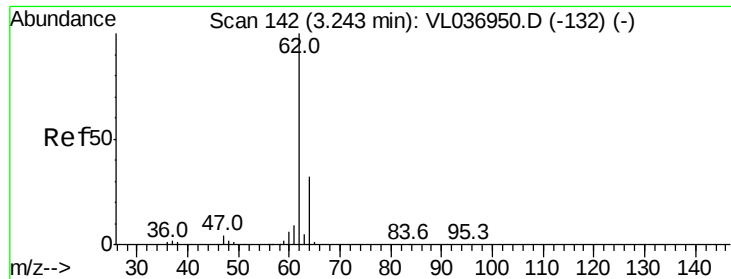
Tgt Ion: 50 Resp: 32395

Ion Ratio Lower Upper

50 100

52 35.1 26.1 39.1





#5

Vinyl Chloride

Concen: 0.415 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

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ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 62 Resp: 33829

Ion Ratio Lower Upper

62 100

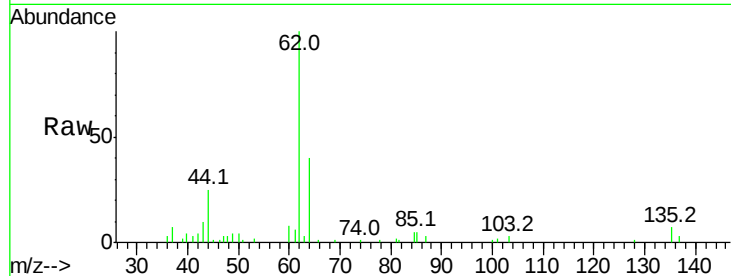
64 40.2 25.9 38.9#

Manual Integrations

APPROVED

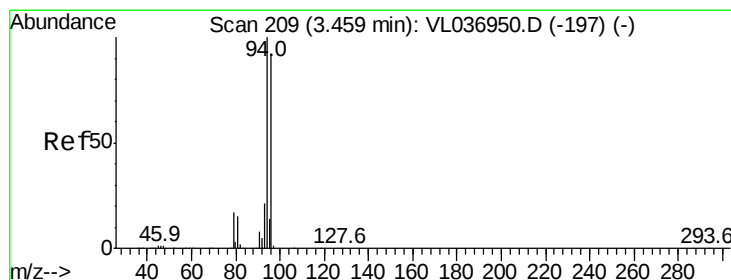
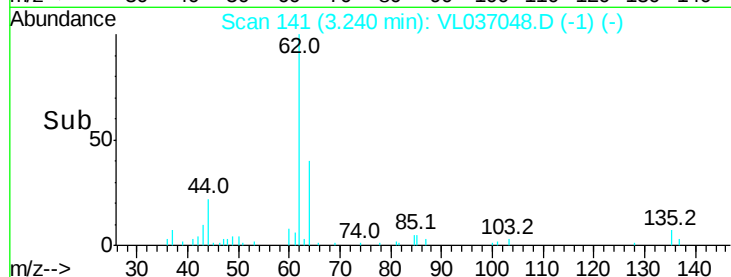
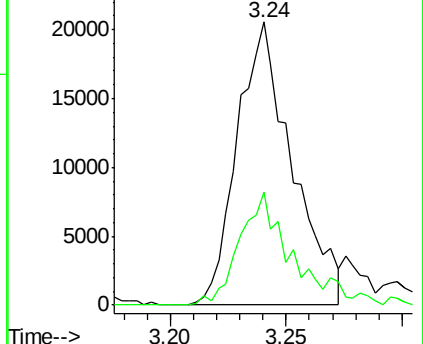
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.501 ppbv m

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037048.D

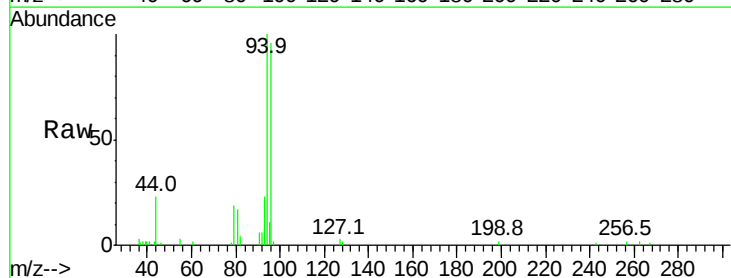
Acq: 24 May 2021 14:56

Tgt Ion: 94 Resp: 21529

Ion Ratio Lower Upper

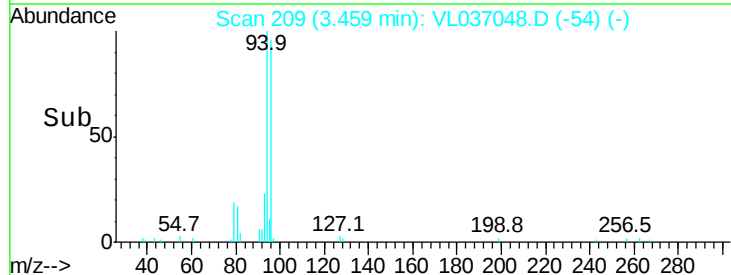
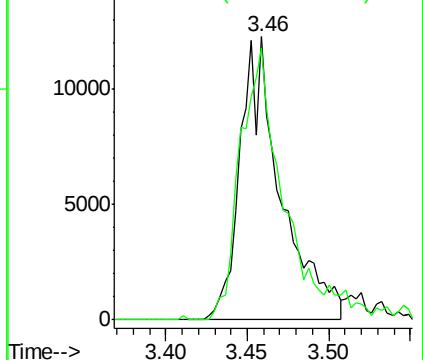
94 100

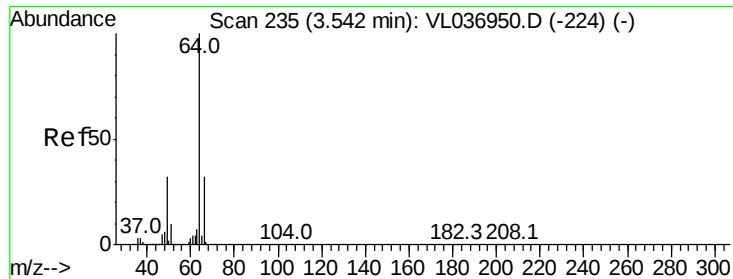
96 96.0 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.501 ppbv m

RT: 3.54 min Scan# 234

Delta R.T. -0.00 min

Lab File: VL037048.D

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Tgt Ion: 64 Resp: 13260

Ion Ratio Lower Upper

64 100

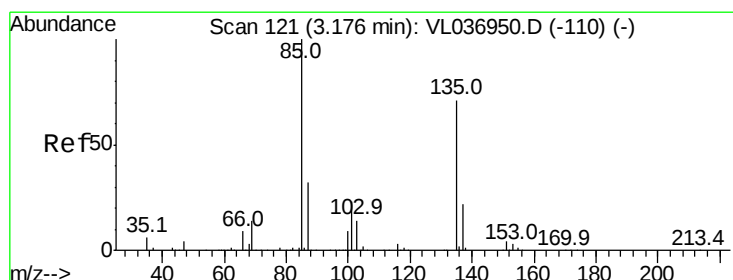
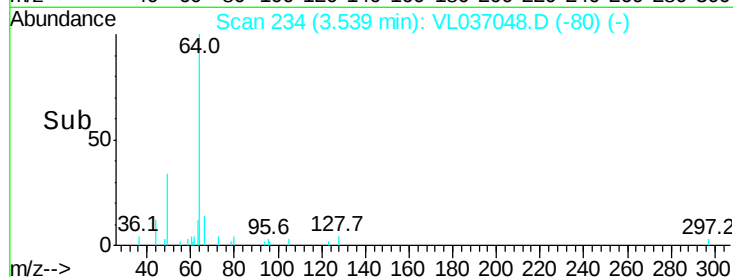
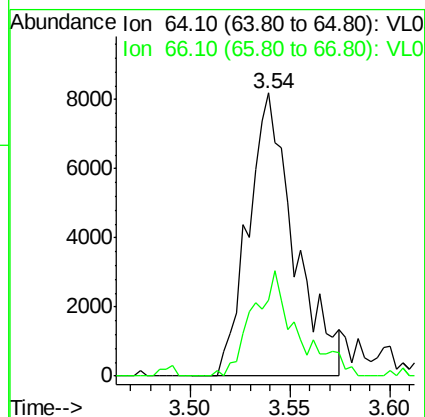
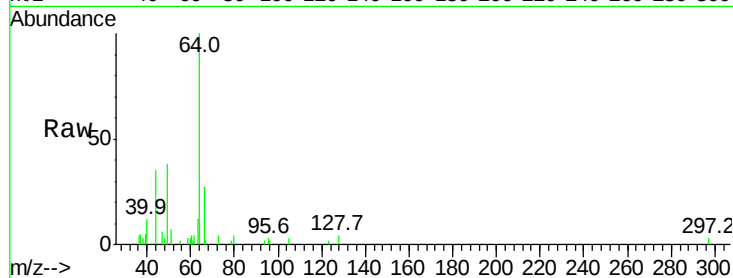
66 26.7 25.4 38.2

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 0.506 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL037048.D

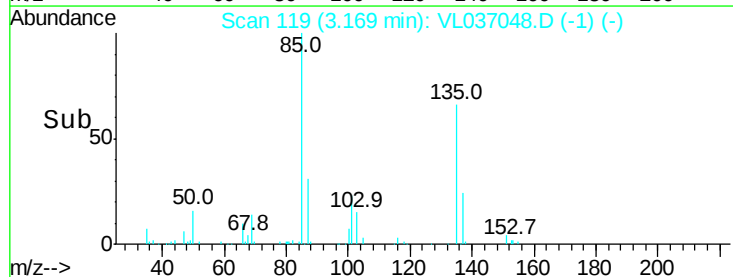
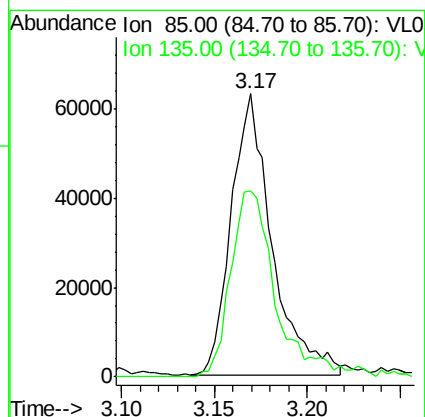
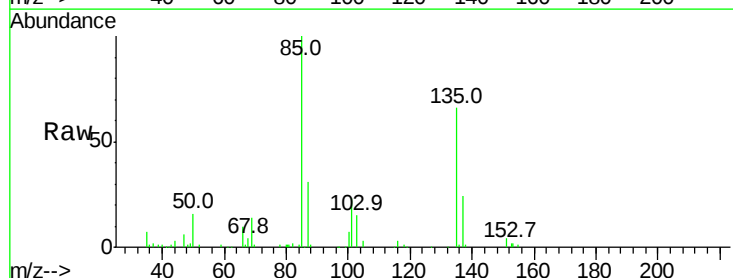
Acq: 24 May 2021 14:56

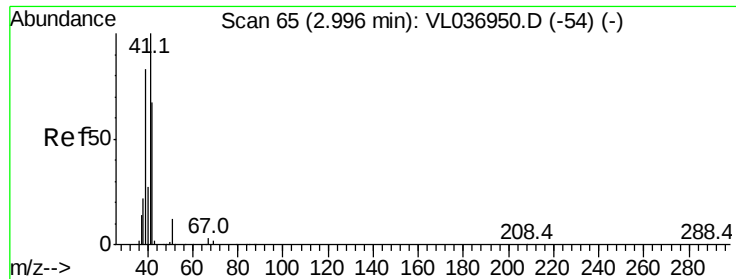
Tgt Ion: 85 Resp: 96481

Ion Ratio Lower Upper

85 100

135 74.0 57.7 86.5





#9

Propene

Concen: 0.474 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

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Tgt Ion: 41 Resp: 37247

Ion Ratio Lower Upper

41 100

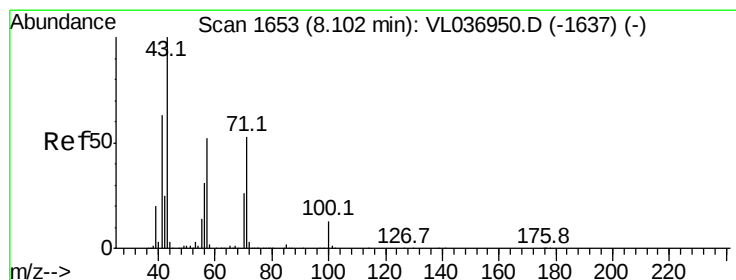
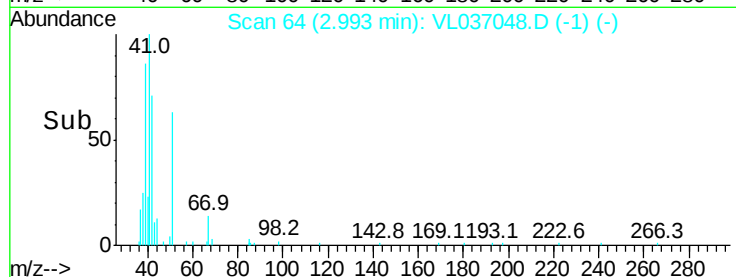
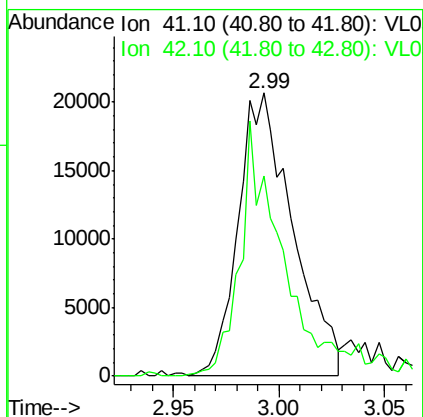
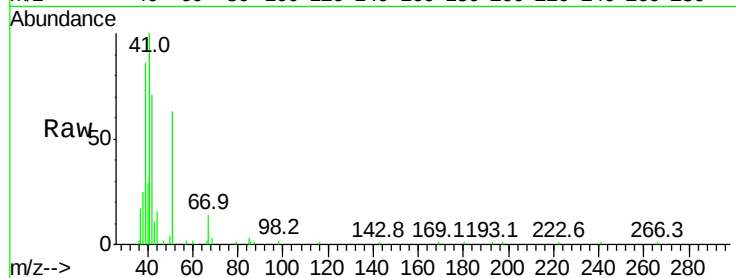
42 74.6 53.9 80.9

Manual Integrations

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#10

Heptane

Concen: 0.381 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL037048.D

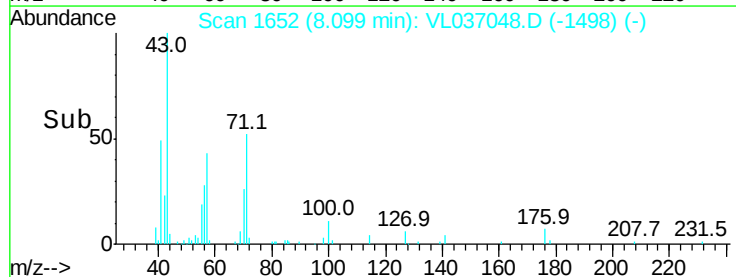
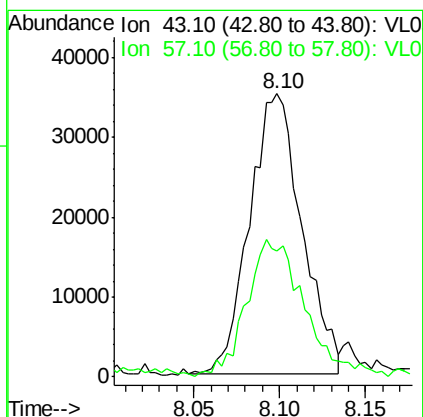
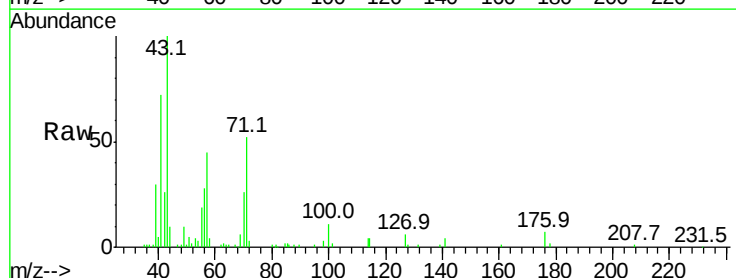
Acq: 24 May 2021 14:56

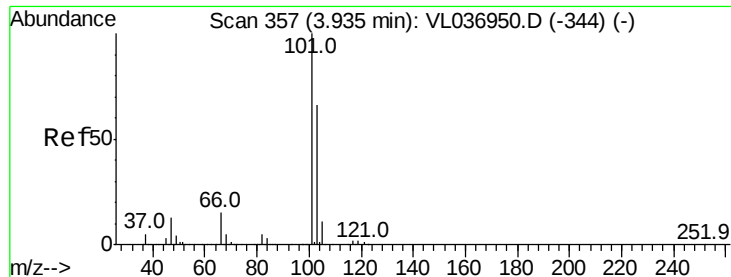
Tgt Ion: 43 Resp: 74532

Ion Ratio Lower Upper

43 100

57 55.4 41.0 61.6





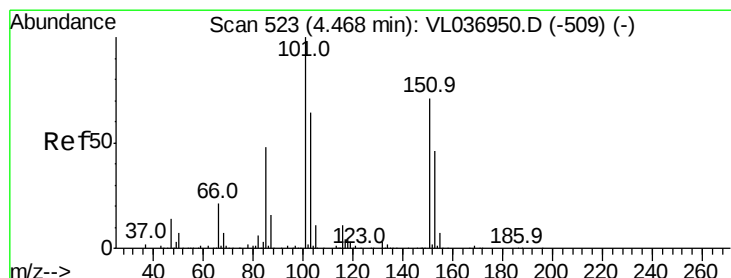
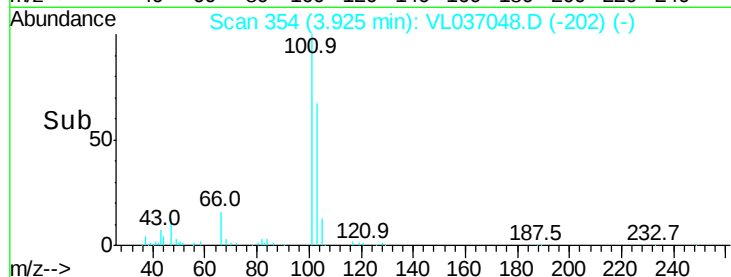
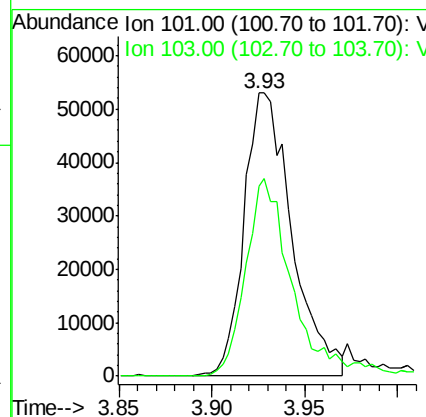
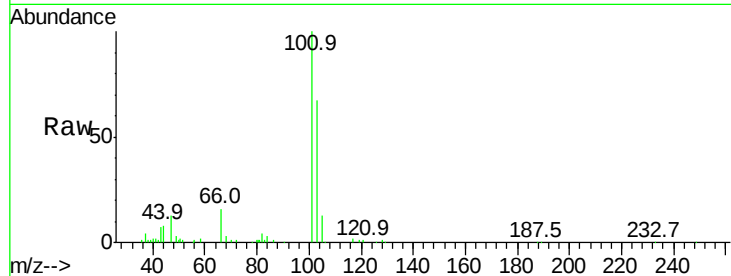
#11
 Trichlorofluoromethane
 Concen: 0.506 ppbv
 RT: 3.93 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion:101 Resp: 95143
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.6 79.0

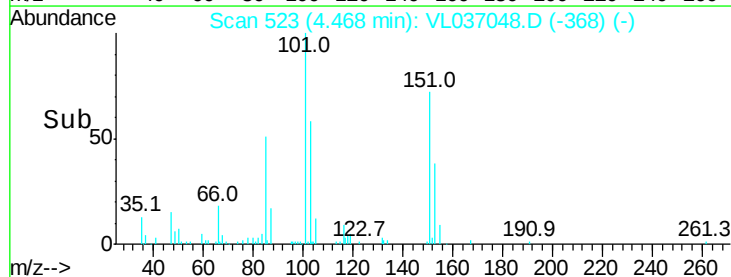
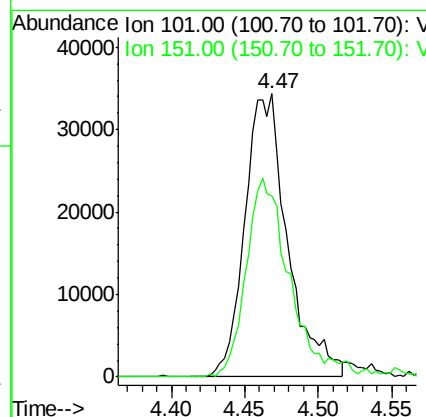
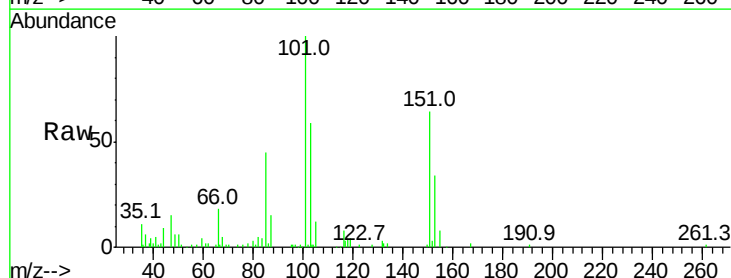
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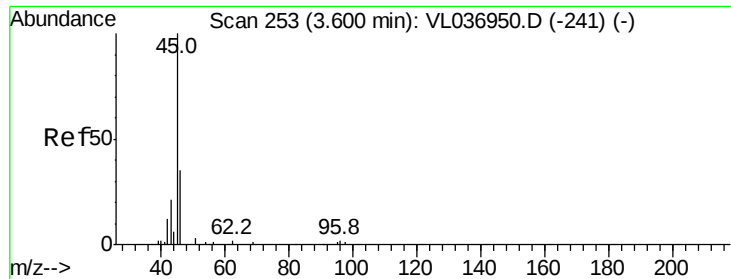
MMDadoda
 5/25/2021 6:00:29 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.520 ppbv m
 RT: 4.47 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion:101 Resp: 69598
 Ion Ratio Lower Upper
 101 100
 151 0.0 57.7 86.5#





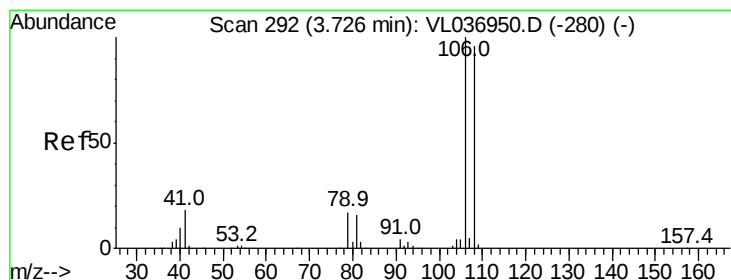
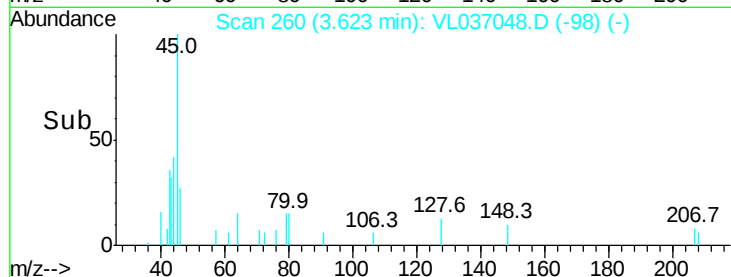
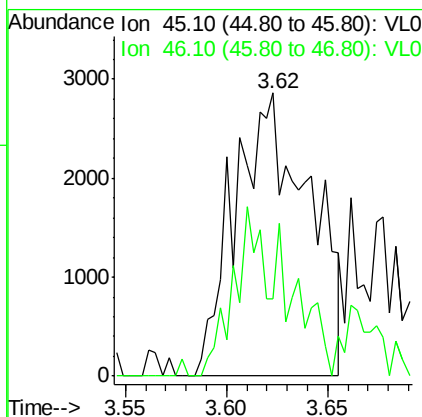
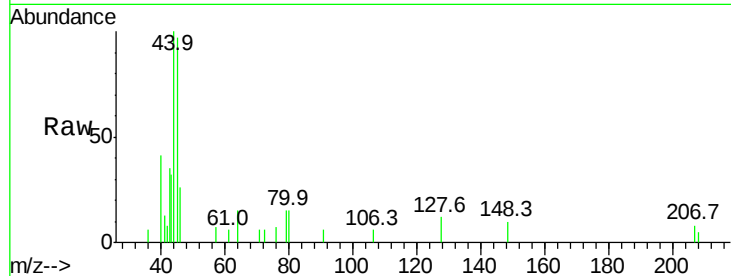
#13
Ethanol
Concen: 0.696 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 45 Resp: 7295
Ion Ratio Lower Upper
45 100
46 0.0 16.3 65.3#

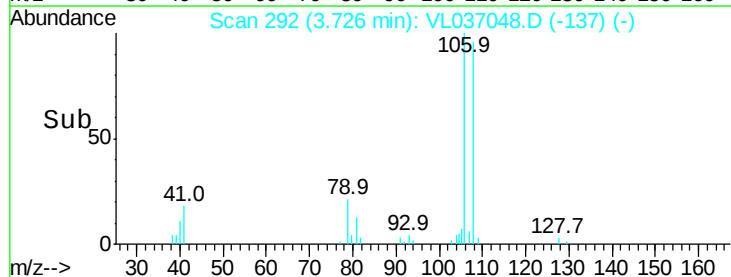
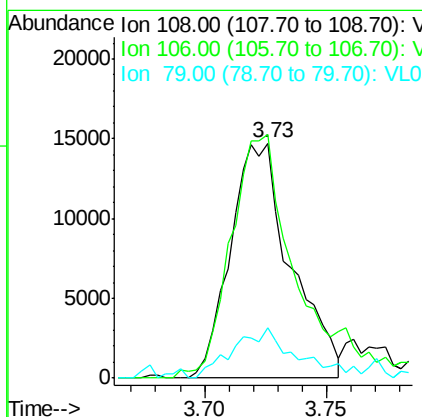
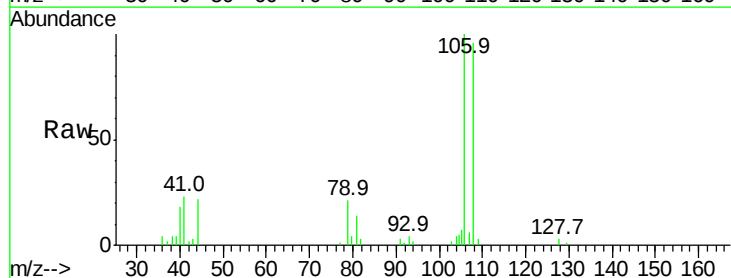
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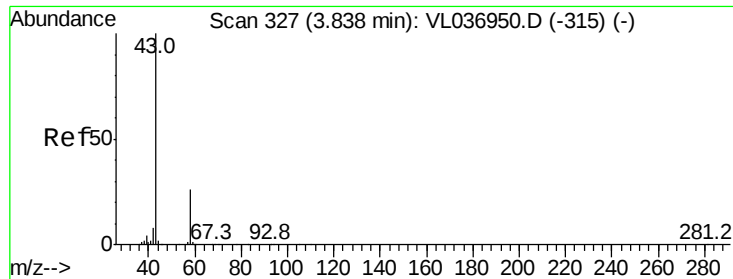
MMDadoda
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#14
Bromoethene
Concen: 0.429 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion: 108 Resp: 25319
Ion Ratio Lower Upper
108 100
106 118.9 86.5 129.7
79 24.8 15.0 22.4#





#15

Acetone

Concen: 0.507 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.02 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 43 Resp: 62111

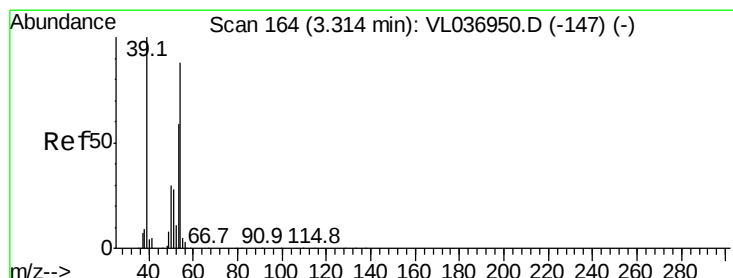
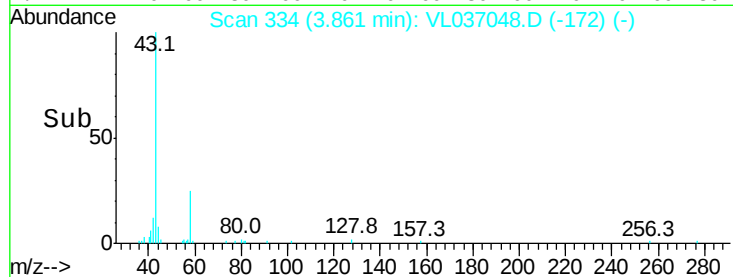
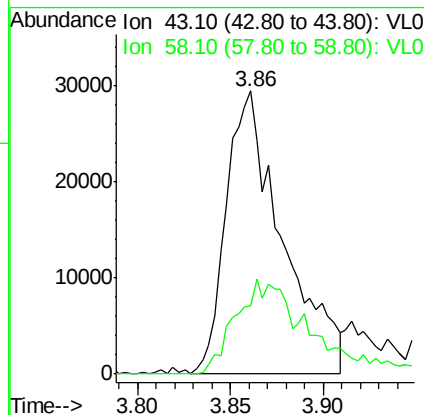
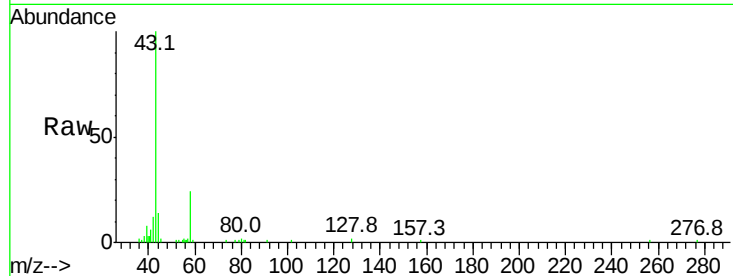
Ion Ratio Lower Upper

43 100

58 49.2 24.0 36.0#

Manual Integrations
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#16

1,3-Butadiene

Concen: 0.424 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.01 min

Lab File: VL037048.D

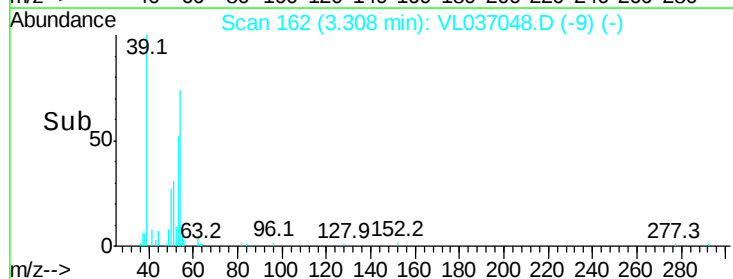
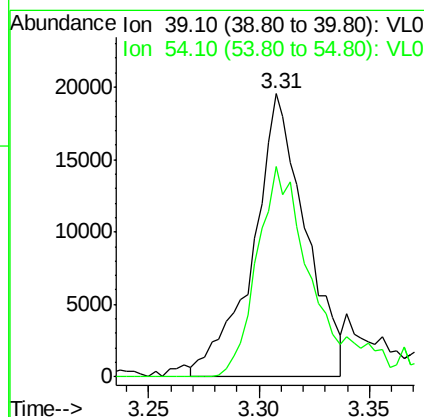
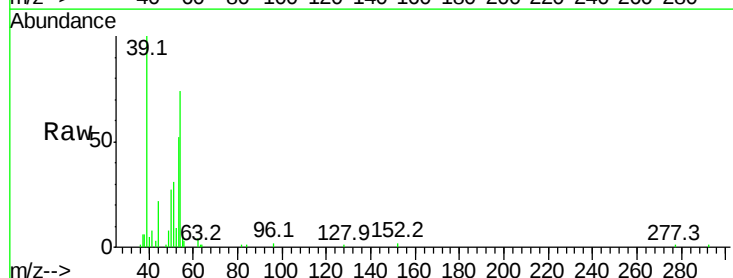
Acq: 24 May 2021 14:56

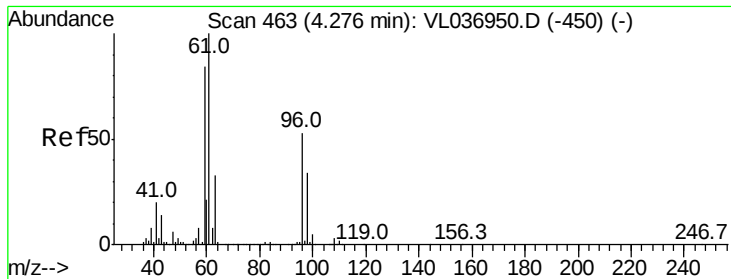
Tgt Ion: 39 Resp: 32322

Ion Ratio Lower Upper

39 100

54 85.8 63.2 94.8





#17

tert-Butyl alcohol

Concen: 0.449 ppbv m

RT: 4.32 min Scan# 478

Delta R.T. 0.05 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 59 Resp: 50459

Ion Ratio Lower Upper

59 100

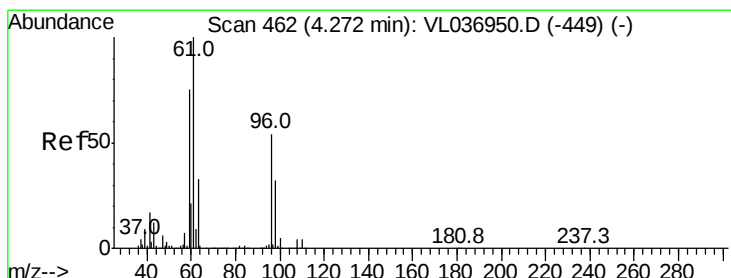
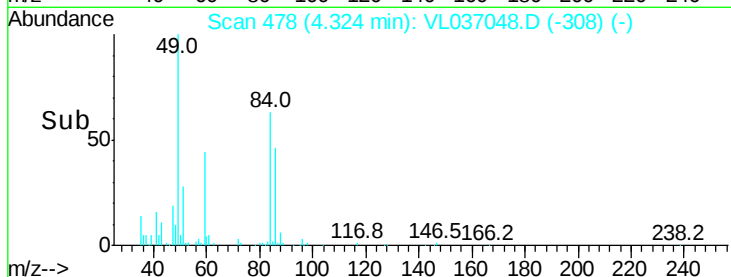
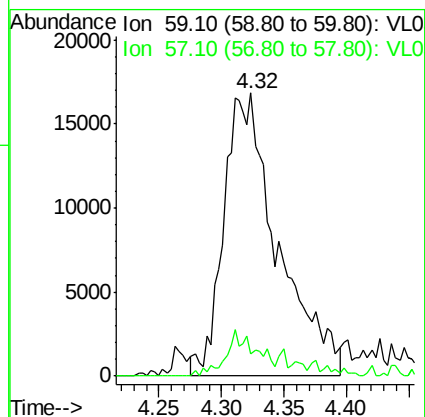
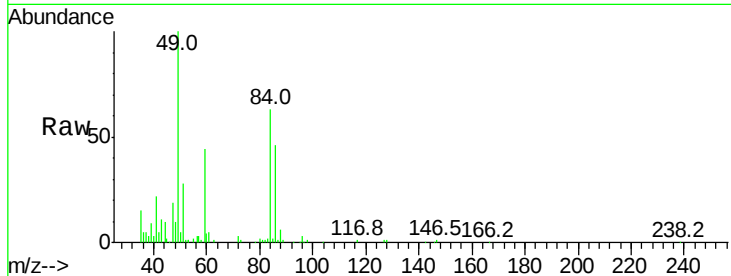
57 0.0 8.3 12.5#

Manual Integrations

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#18

1,1-Dichloroethene

Concen: 0.463 ppbv m

RT: 4.26 min Scan# 459

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

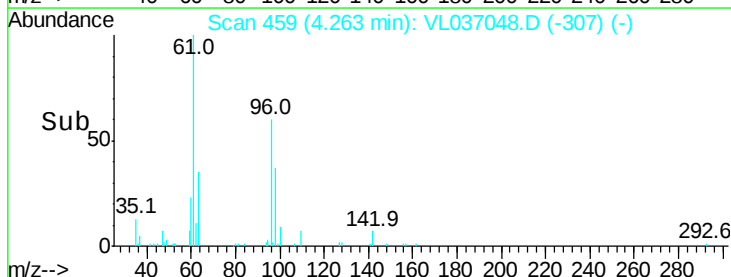
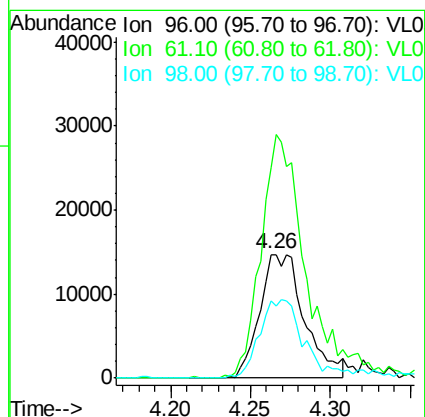
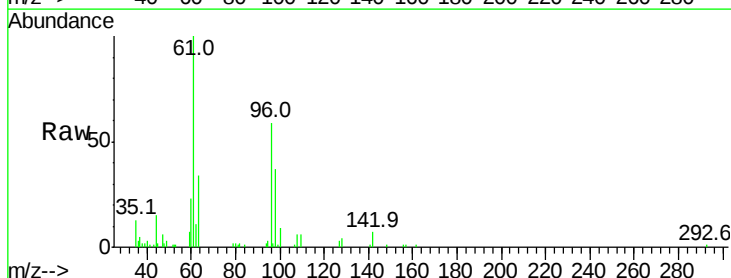
Tgt Ion: 96 Resp: 28681

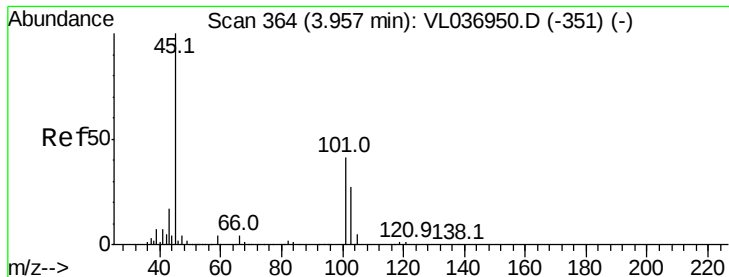
Ion Ratio Lower Upper

96 100

61 169.6 148.2 222.4

98 62.5 47.8 71.6





#19

Isopropyl Alcohol

Concen: 0.532 ppbv m

RT: 3.98 min Scan# 372

Delta R.T. 0.03 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 45 Resp: 35097

Ion Ratio Lower Upper

45 100

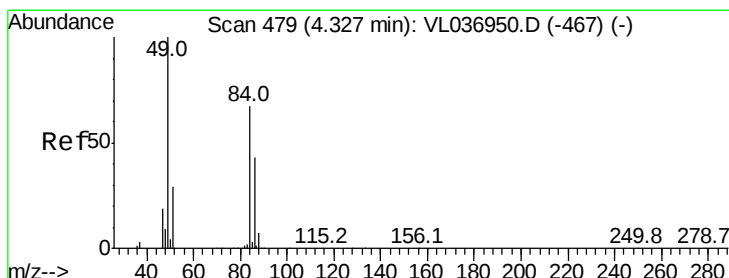
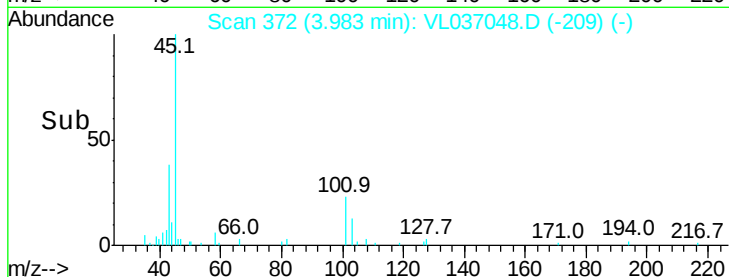
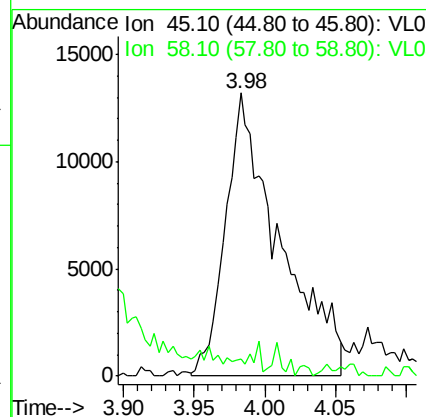
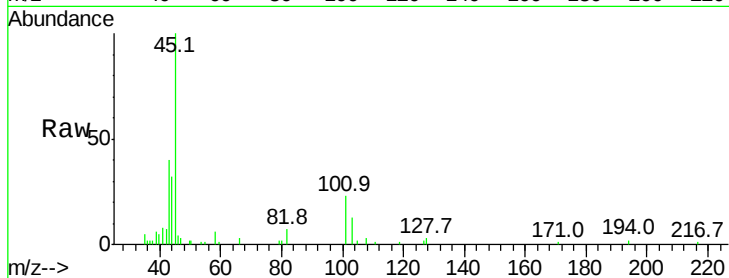
58 0.0 37.2 55.8#

Manual Integrations

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#20

Methylene Chloride

Concen: 0.753 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion: 84 Resp: 49466

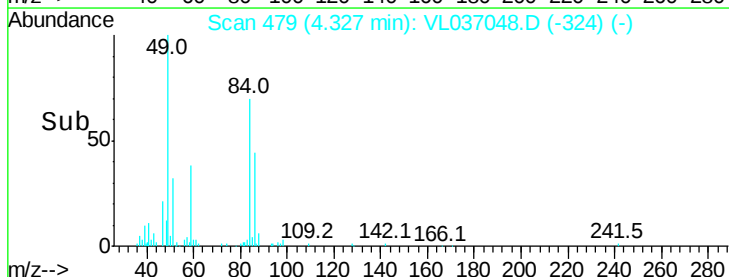
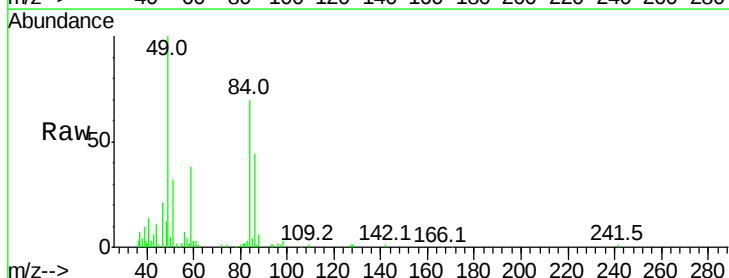
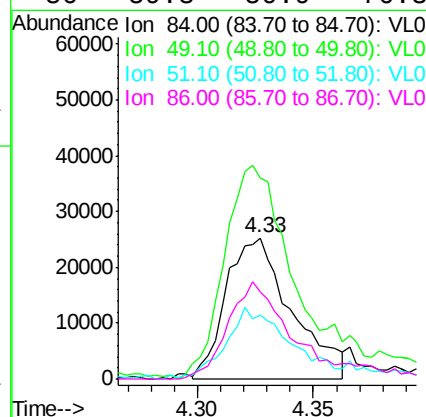
Ion Ratio Lower Upper

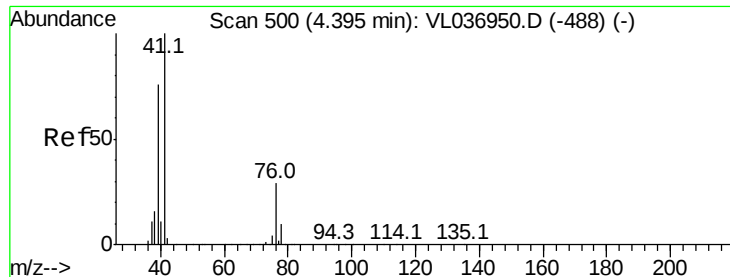
84 100

49 134.2 119.8 179.6

51 43.7 35.1 52.7

86 59.3 50.9 76.3





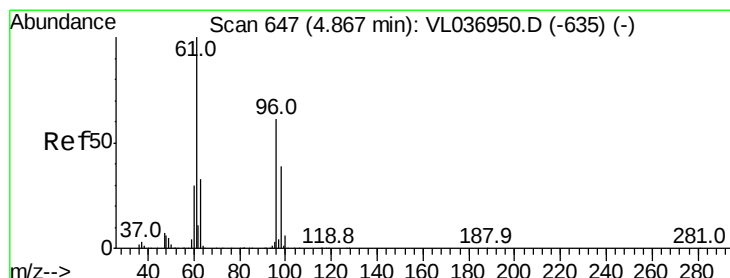
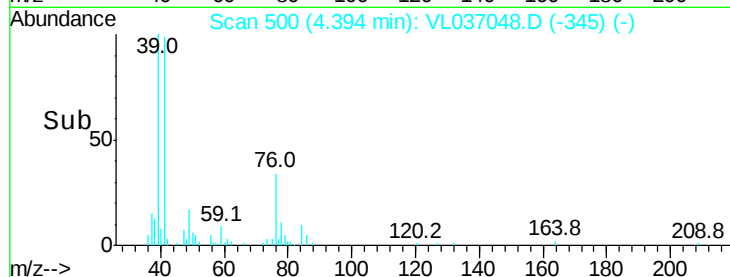
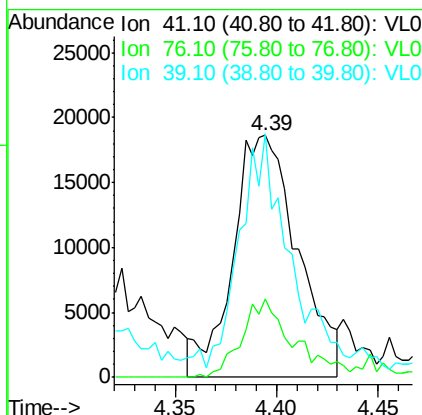
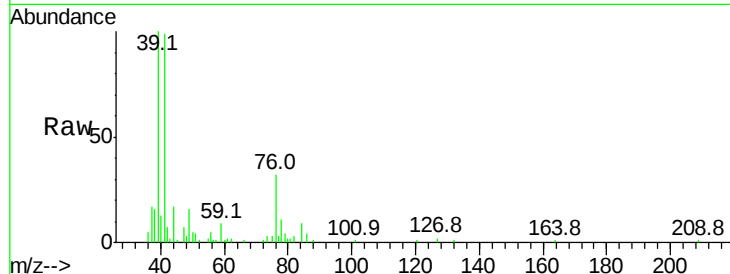
#21
 Allyl Chloride
 Concen: 0.450 ppbv m
 RT: 4.39 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
41	100		
76	29.2	24.9	37.3
39	87.5	63.7	95.5

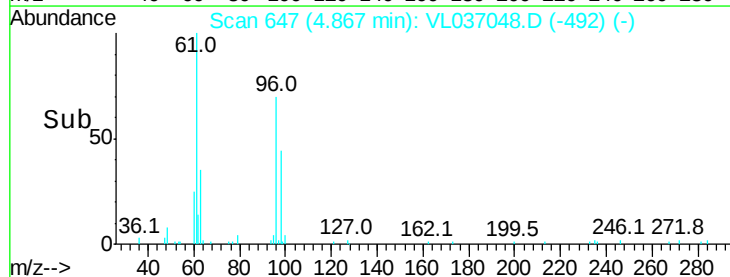
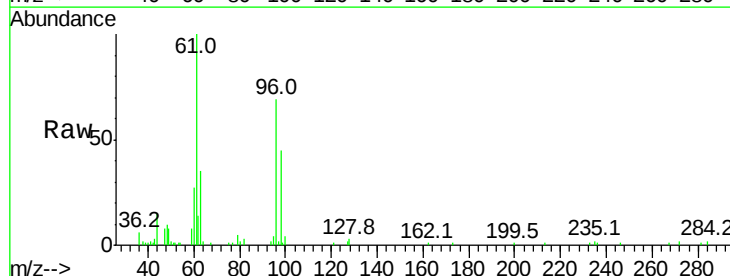
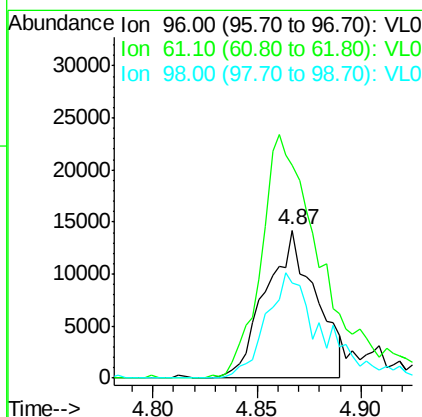
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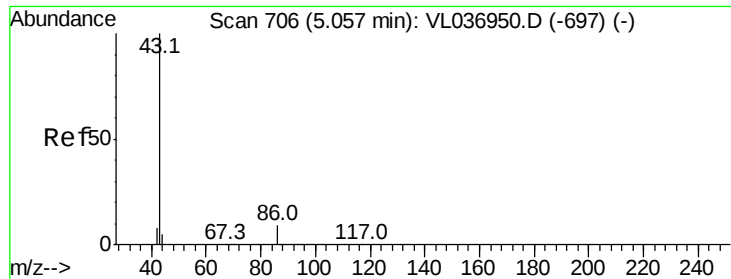
MMDadoda
 5/25/2021 6:00:29 PM



#22
 trans-1,2-Dichloroethene
 Concen: 0.399 ppbv m
 RT: 4.87 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	130.6	196.0
98	64.1	50.8	76.2





#23

Vinyl Acetate

Concen: 0.358 ppbv m

RT: 5.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 43 Resp: 69613

Ion Ratio Lower Upper

43 100

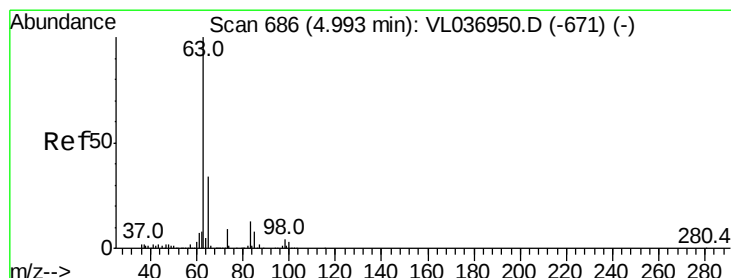
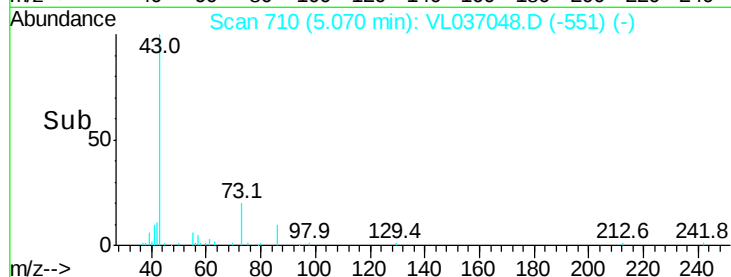
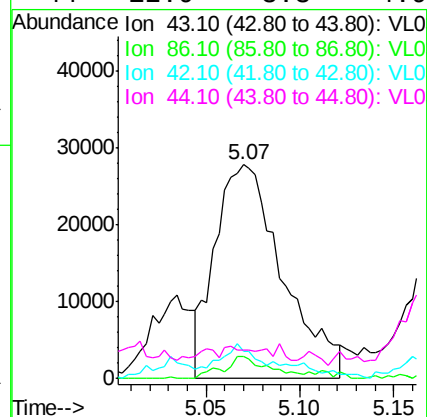
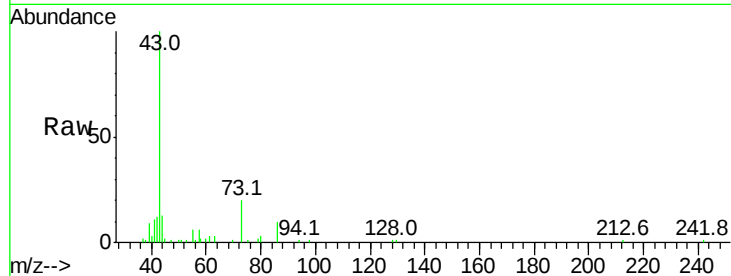
86 10.2 5.8 8.8#

42 12.4 7.4 11.2#

44 12.9 3.3 4.9#

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#24

1,1-Dichloroethane

Concen: 0.428 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

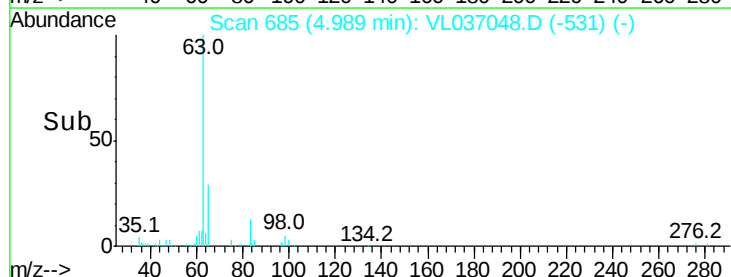
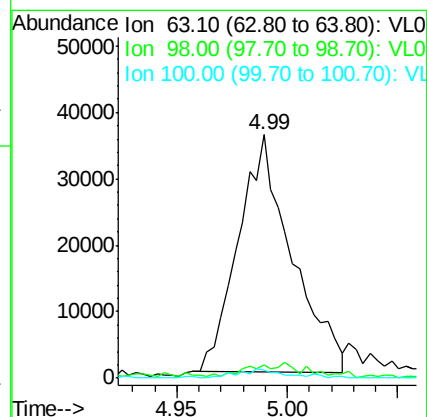
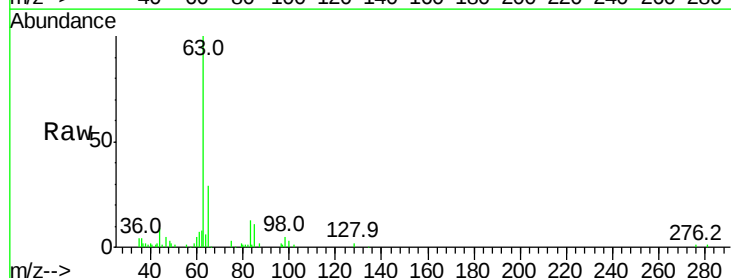
Tgt Ion: 63 Resp: 60014

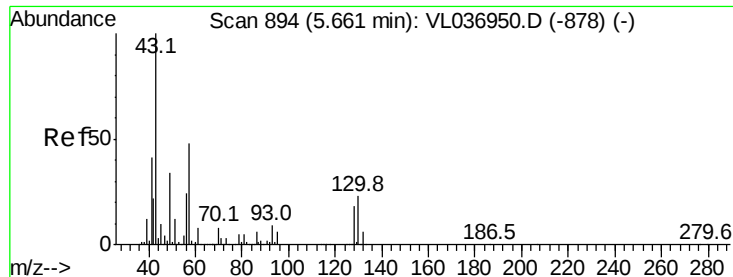
Ion Ratio Lower Upper

63 100

98 4.1 2.3 6.9

100 2.6 1.4 4.0





#25

Ethyl Acetate

Concen: 0.393 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

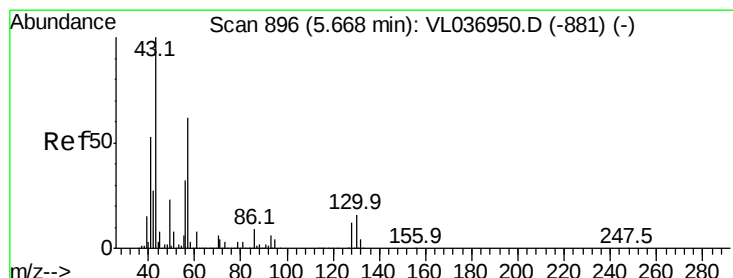
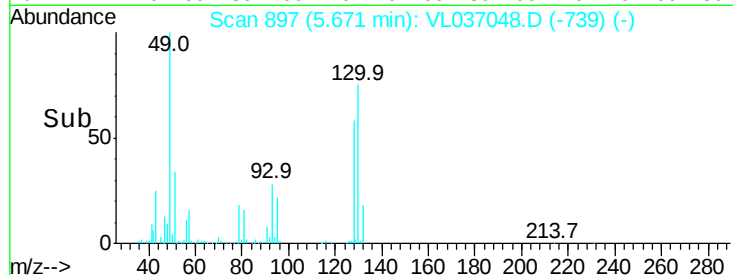
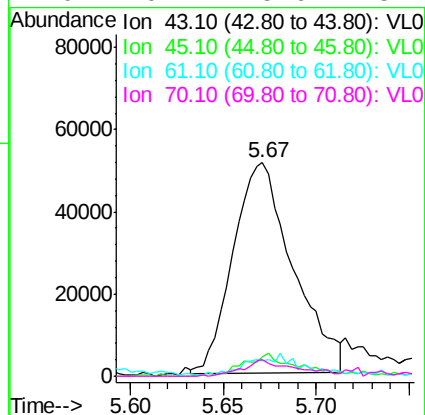
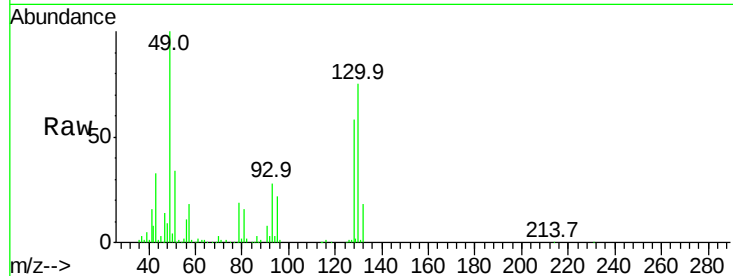
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	115746		
45	10.1	7.8	11.8	
61	9.1	7.8	11.8	
70	6.7	5.6	8.4	

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#26

Hexane

Concen: 0.453 ppbv m

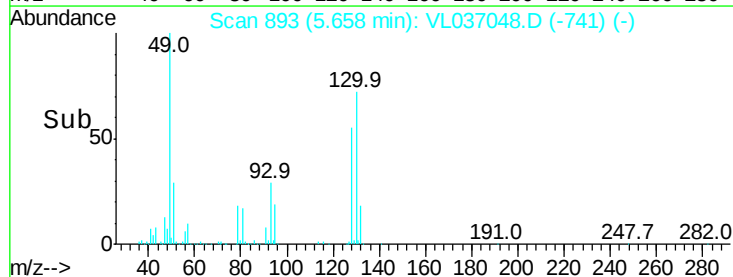
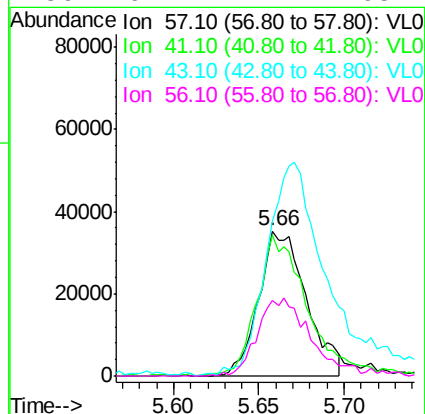
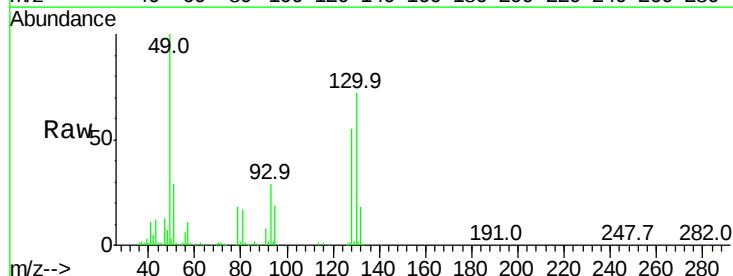
RT: 5.66 min Scan# 893

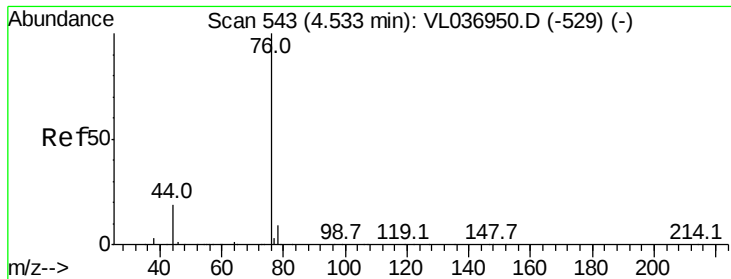
Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	68165		
41	0.0	70.5	105.7#	
43	197.0	165.8	248.8	
56	61.1	42.2	63.4	





#27

Carbon Disulfide

Concen: 0.340 ppbv m

RT: 4.53 min Scan# 542

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

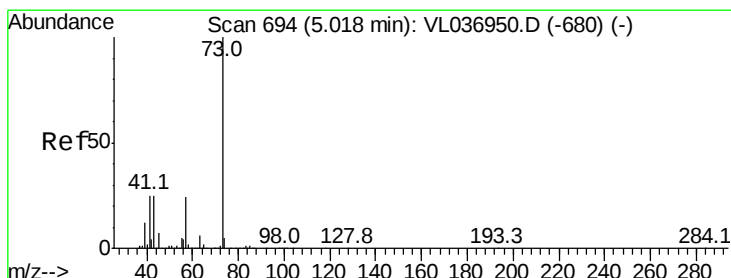
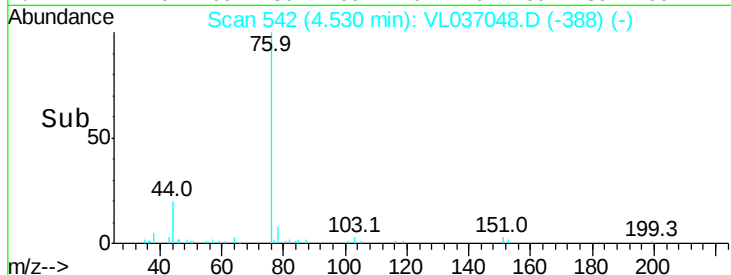
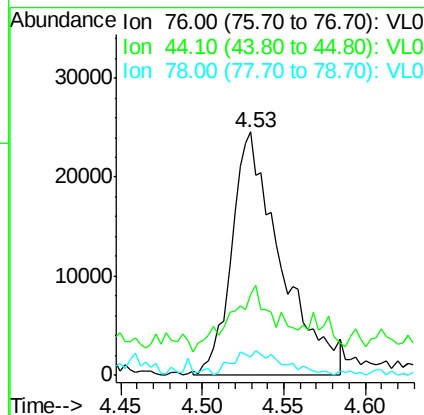
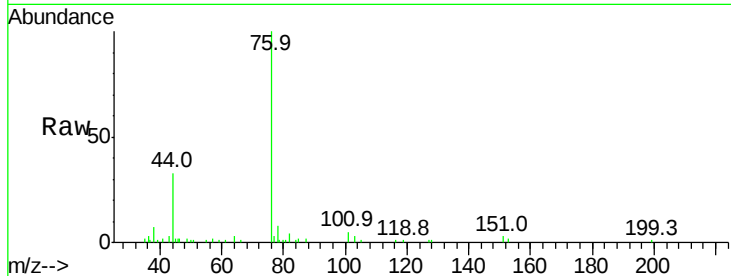
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	76	Resp:	51551
Ion Ratio	Lower	Upper	
76	100		
44	29.0	15.5	23.3#
78	10.9	7.8	11.6

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#28

Methyl tert-Butyl Ether

Concen: 0.434 ppbv

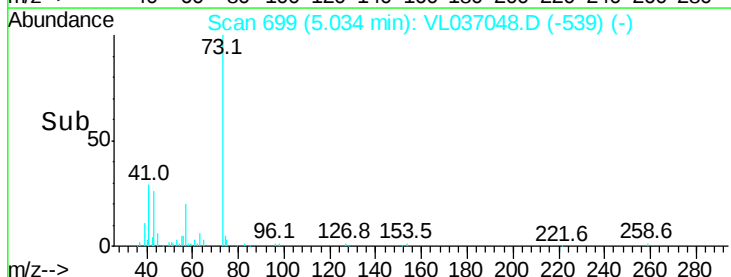
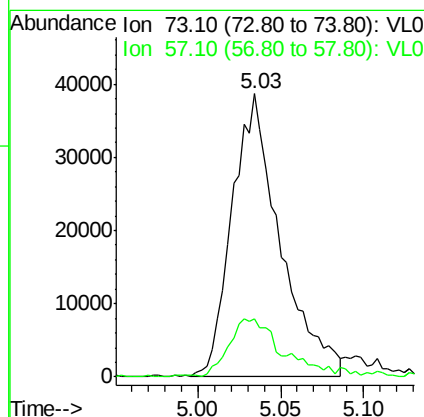
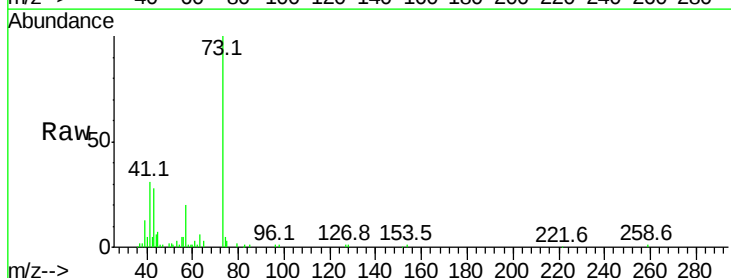
RT: 5.03 min Scan# 699

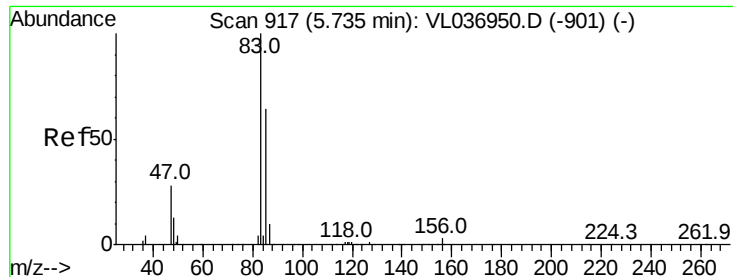
Delta R.T. 0.02 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	73	Resp:	78246
Ion Ratio	Lower	Upper	
73	100		
57	24.3	18.3	27.5





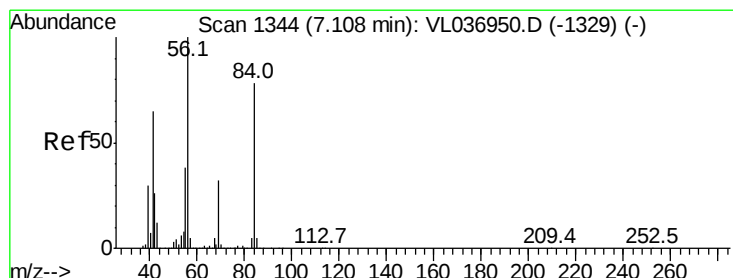
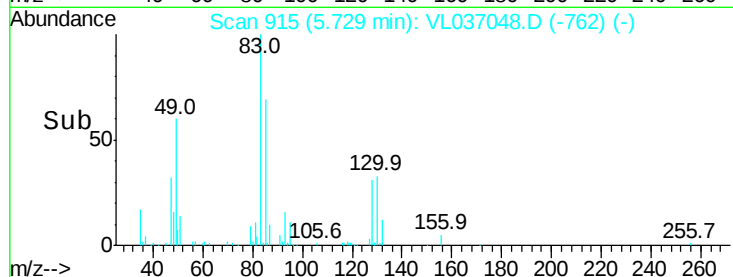
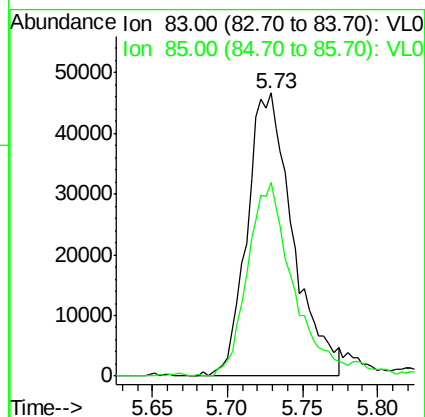
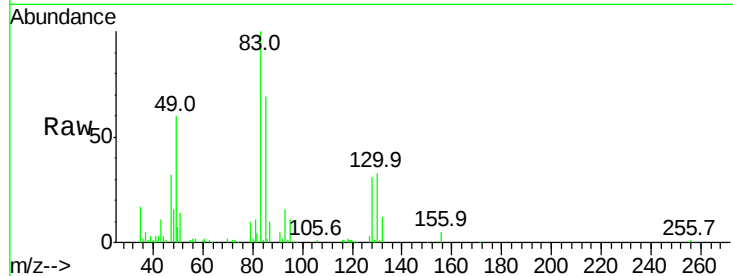
#29
Chloroform
Concen: 0.465 ppbv m
RT: 5.73 min Scan# 915
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 83 Resp: 98802
Ion Ratio Lower Upper
83 100
85 68.5 51.1 76.7

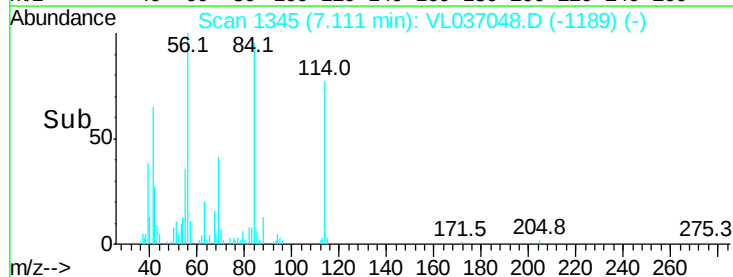
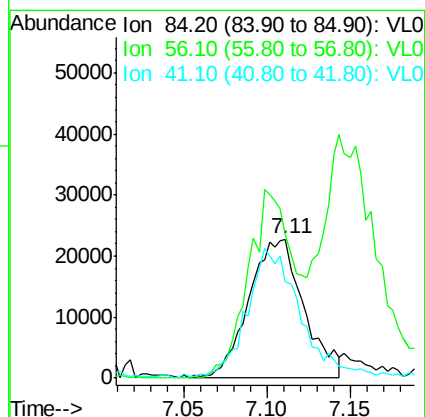
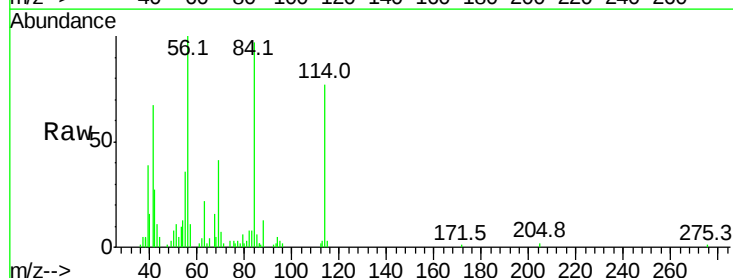
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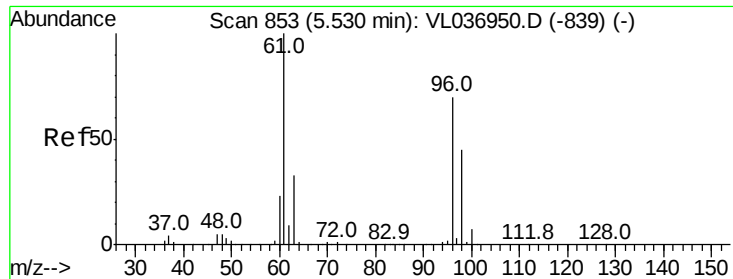
MMDadoda
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#30
Cyclohexane
Concen: 0.409 ppbv m
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion: 84 Resp: 52300
Ion Ratio Lower Upper
84 100
56 114.4 107.9 161.9
41 93.2 65.5 98.3





#31

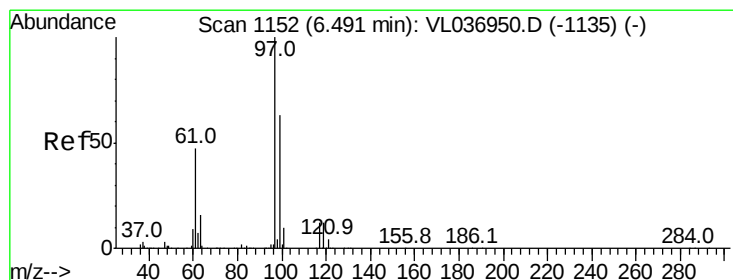
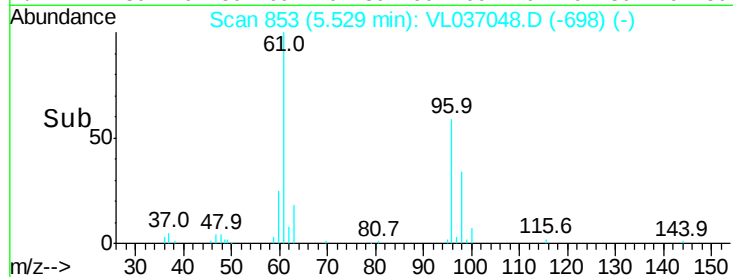
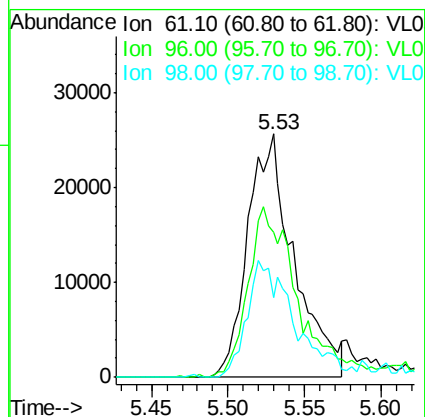
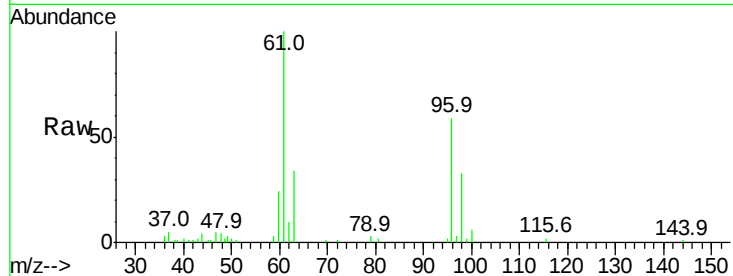
cis-1,2-Dichloroethene
Concen: 0.400 ppbv m
RT: 5.53 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
61	100	53997		
96	59.4		55.9	83.9
98	32.7		35.6	53.4#

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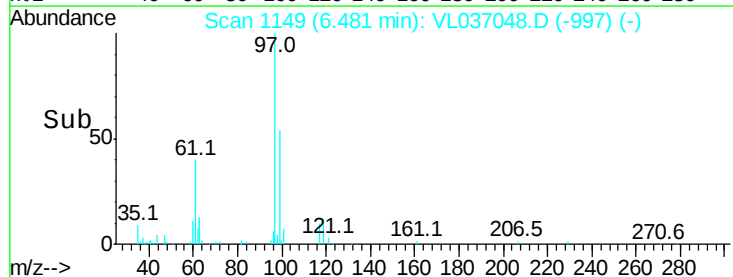
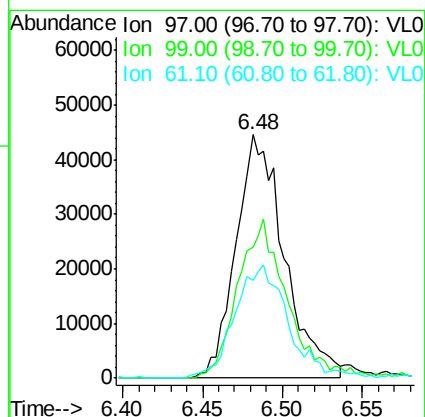
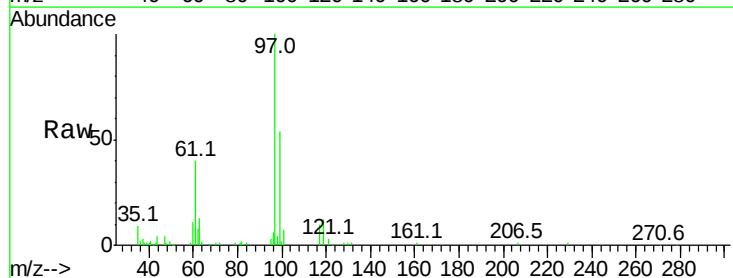
MMDadoda
5/25/2021 6:00:29 PM

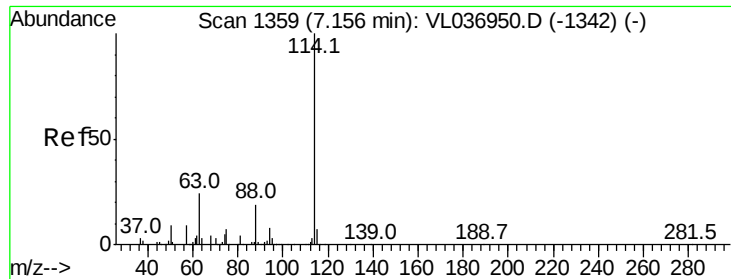


#32

1,1,1-Trichloroethane
Concen: 0.404 ppbv
RT: 6.48 min Scan# 1149
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	92151		
99	66.5		51.9	77.9
61	52.3		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: VL037048.D

Acq: 24 May 2021 14:56

Instrument :
MSVOA_L

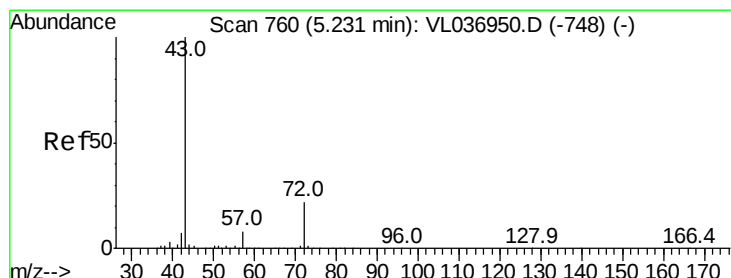
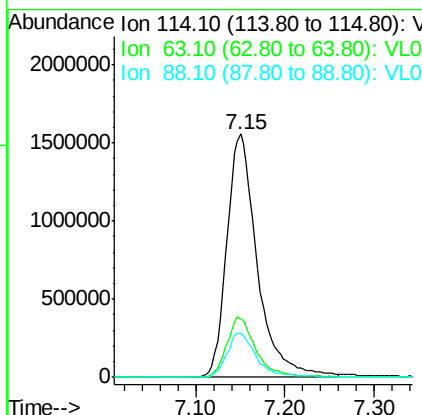
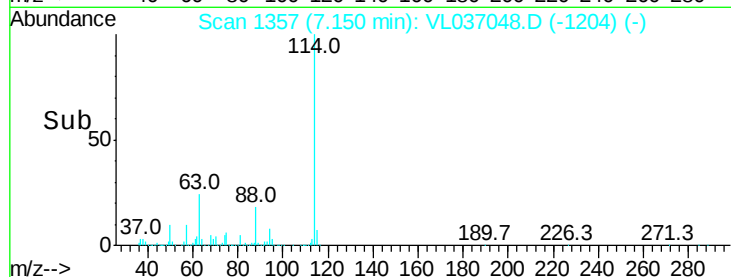
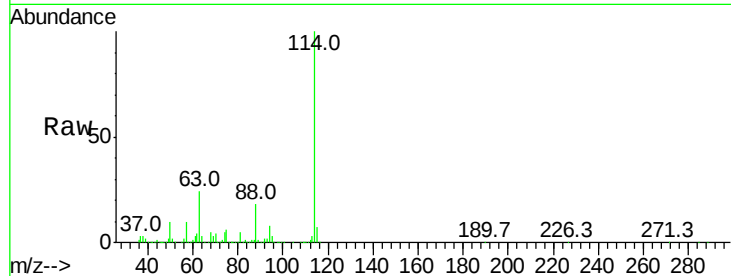
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:114 Resp: 3681842

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.6	29.4
88	17.9	14.6	21.8

Manual Integrations
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#34

2-Butanone

Concen: 0.481 ppbv m

RT: 5.25 min Scan# 765

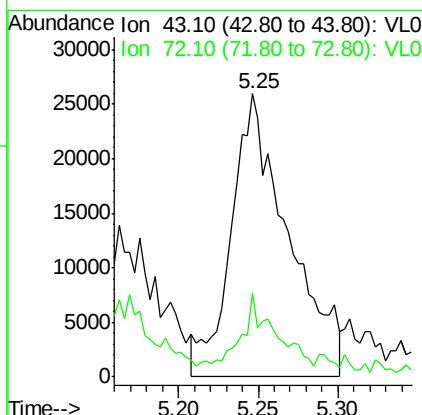
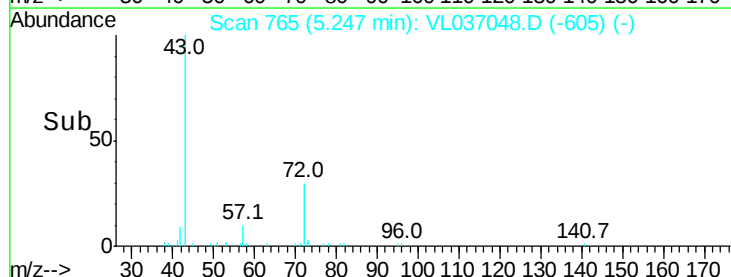
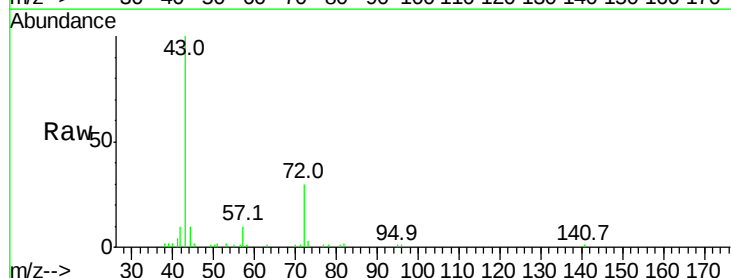
Delta R.T. 0.02 min

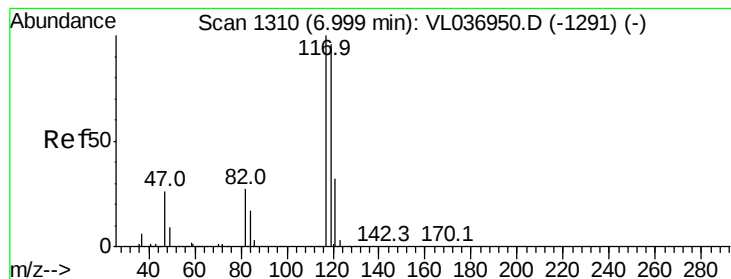
Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion: 43 Resp: 64424

Ion	Ratio	Lower	Upper
43	100		
72	21.7	19.0	28.4





#35

Carbon Tetrachloride

Concen: 0.350 ppbv

RT: 6.99 min Scan# 1308

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

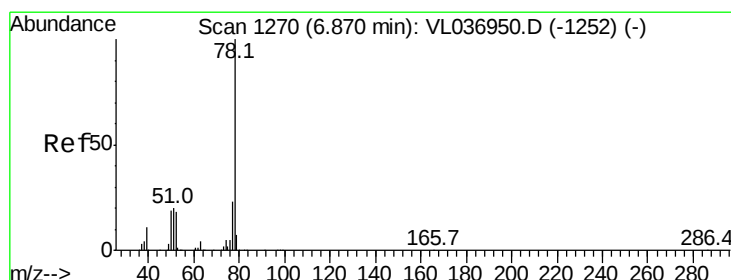
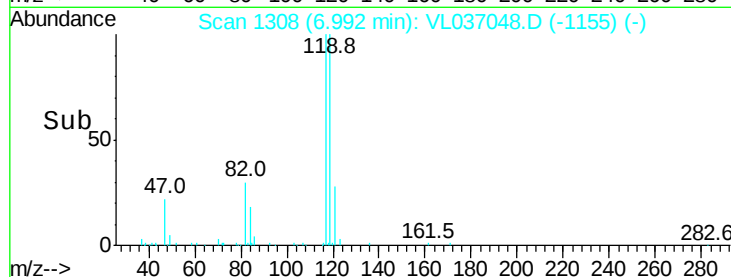
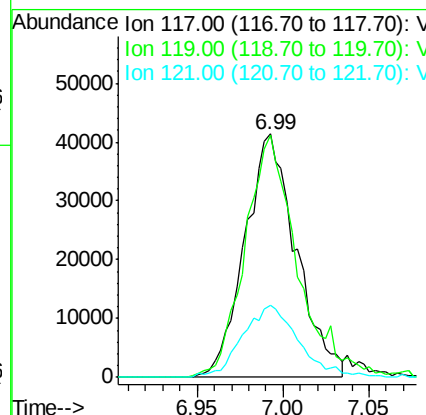
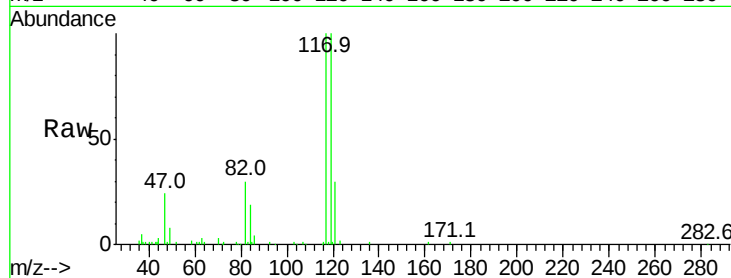
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	117	Resp:	85608
Ion Ratio	Lower	Upper	
117	100		
119	98.7	76.6	114.8
121	29.6	25.8	38.6

Manual Integrations
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5/25/2021 6:00:29 PM



#36

Benzene

Concen: 0.395 ppbv

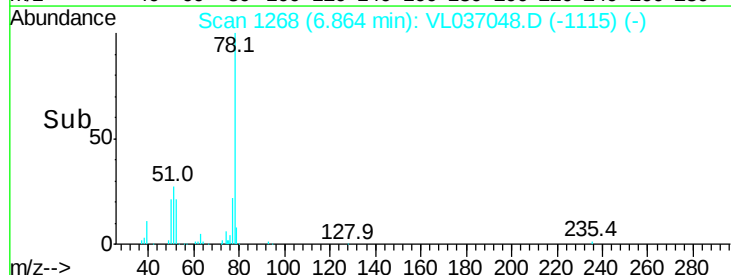
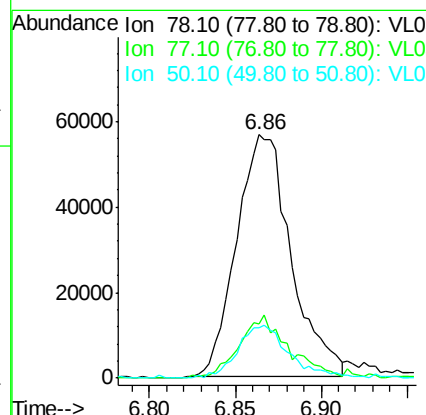
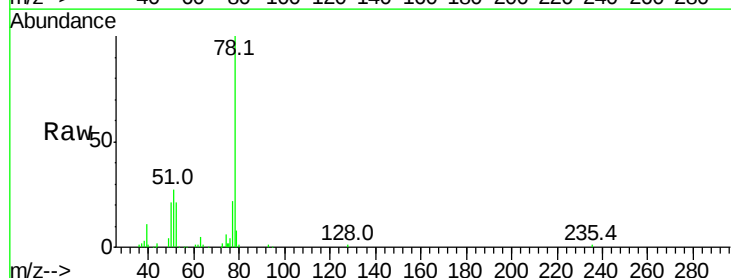
RT: 6.86 min Scan# 1268

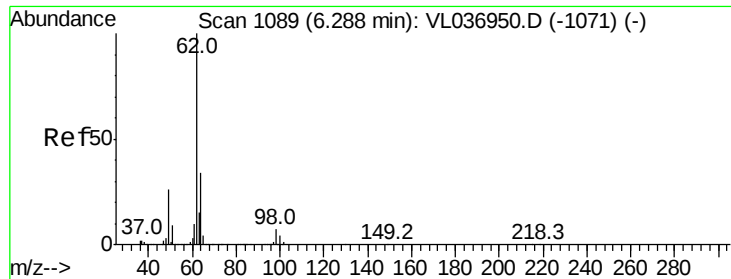
Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	78	Resp:	125212
Ion Ratio	Lower	Upper	
78	100		
77	21.9	18.6	28.0
50	19.8	15.0	22.4





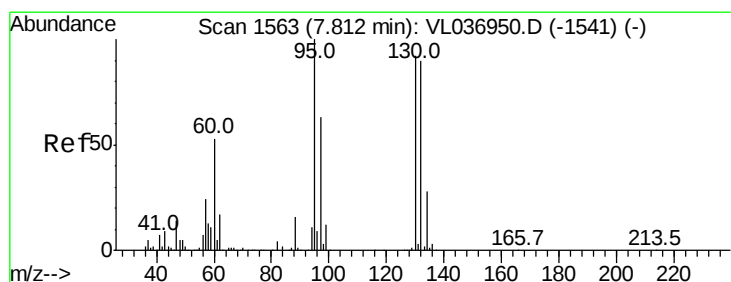
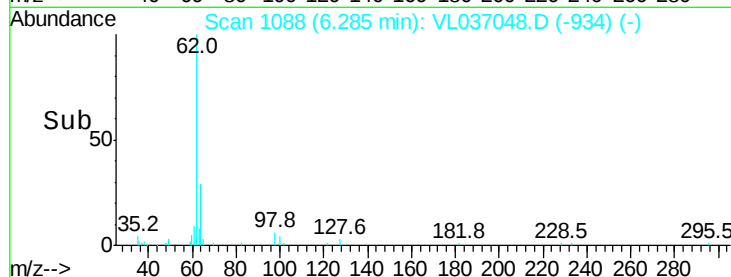
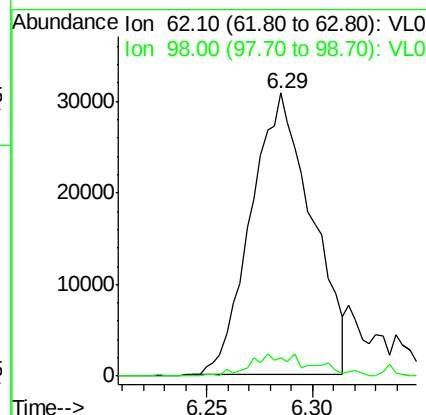
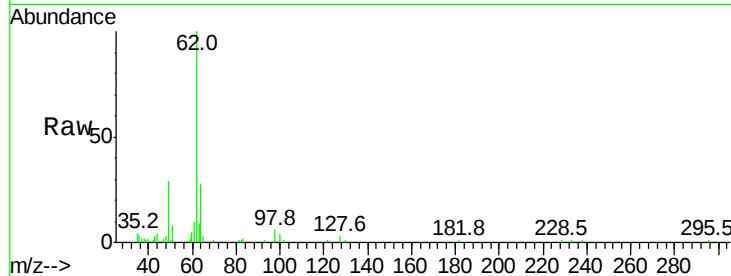
#37
 1,2-Dichloroethane
 Concen: 0.391 ppbv
 RT: 6.29 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 62 Resp: 61538
 Ion Ratio Lower Upper
 62 100
 98 8.5 5.5 8.3#

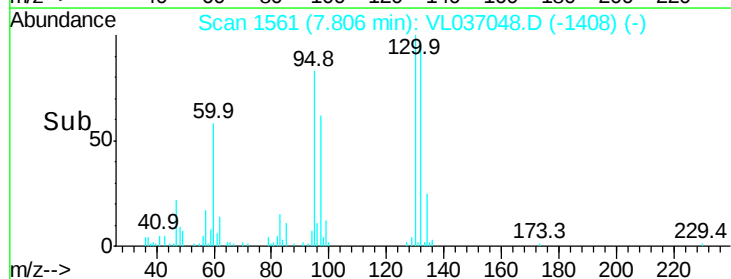
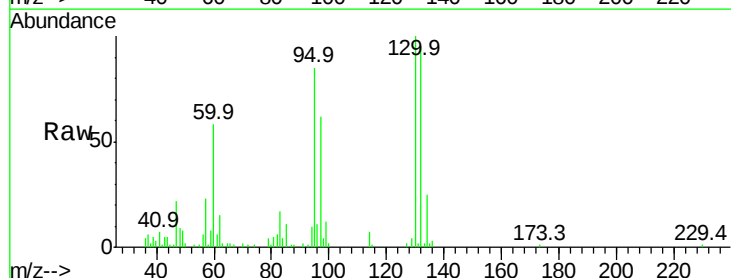
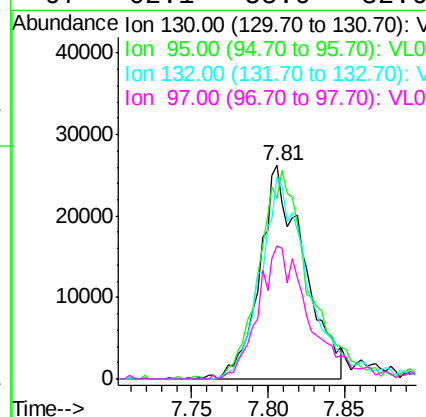
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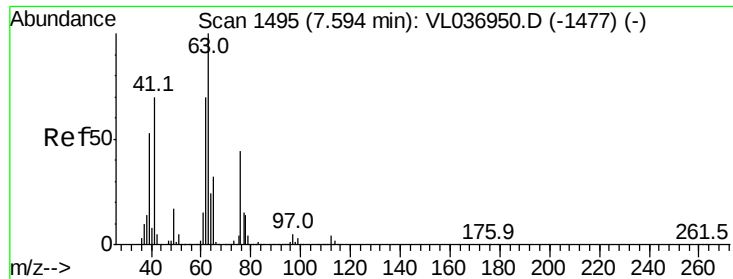
MMDadoda
 5/25/2021 6:00:29 PM



#38
 Trichloroethene
 Concen: 0.391 ppbv m
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion: 130 Resp: 53064
 Ion Ratio Lower Upper
 130 100
 95 84.7 86.9 130.3#
 132 94.8 78.4 117.6
 97 62.1 55.0 82.6





#39

1,2-Dichloropropane

Concen: 0.394 ppbv m

RT: 7.59 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

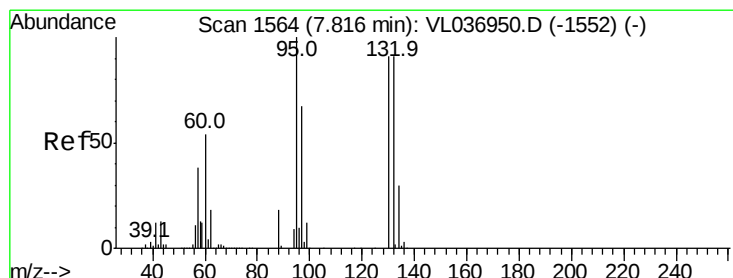
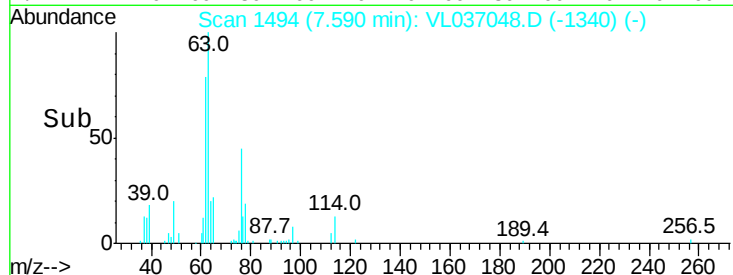
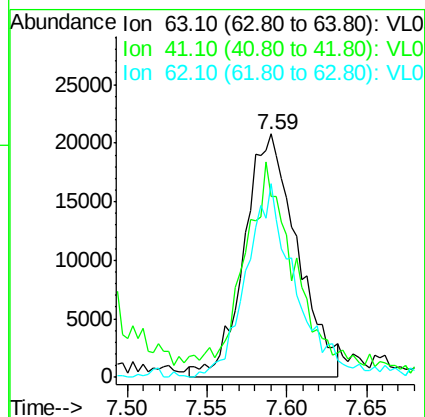
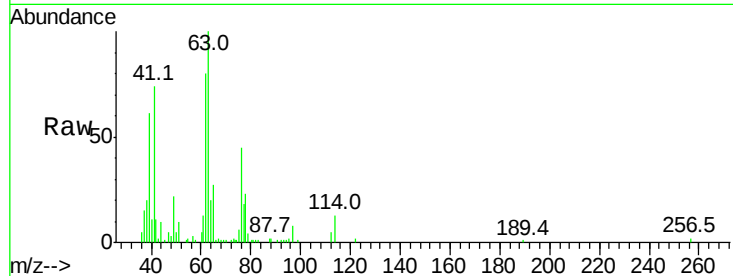
Instrument :
MSVOA_L

ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
63	100		
41	74.5	55.7	83.5
62	79.5	56.2	84.4

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#40

1,4-Dioxane

Concen: 0.510 ppbv m

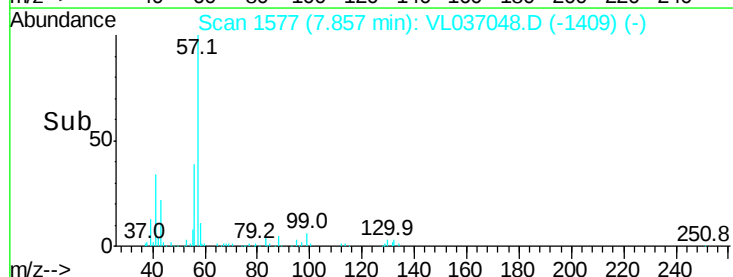
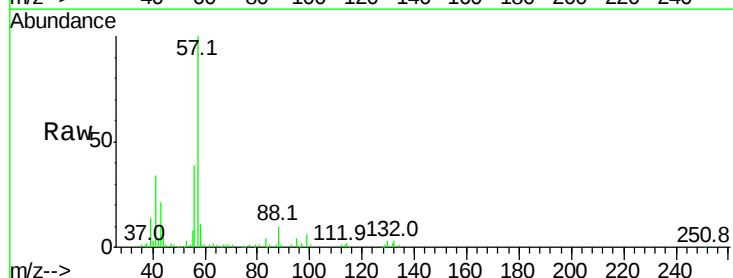
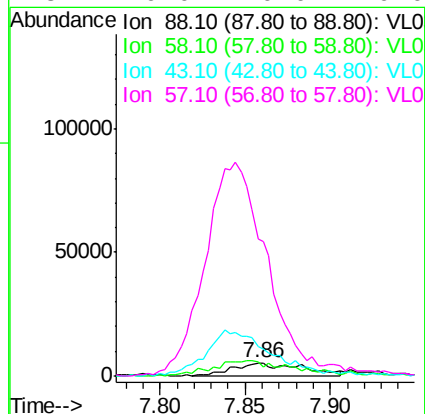
RT: 7.86 min Scan# 1577

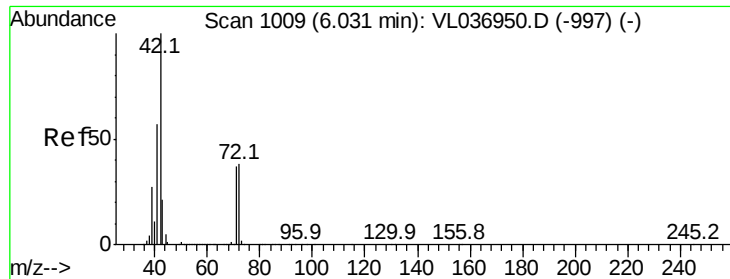
Delta R.T. 0.04 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

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: 0.342 ppbv m

RT: 6.06 min Scan# 1019

Delta R.T. 0.03 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

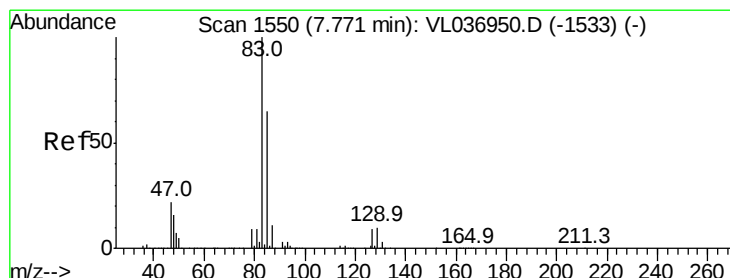
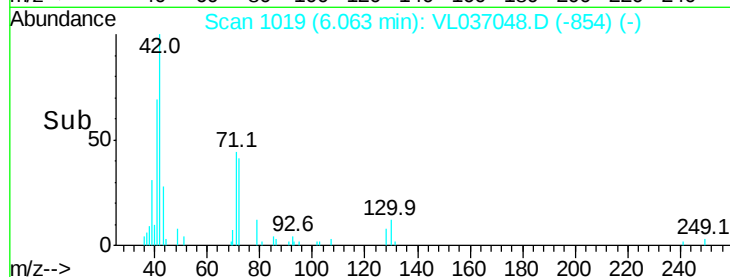
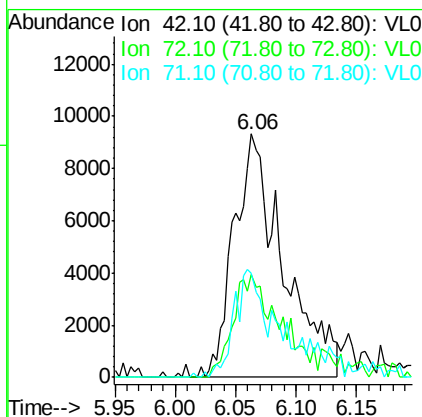
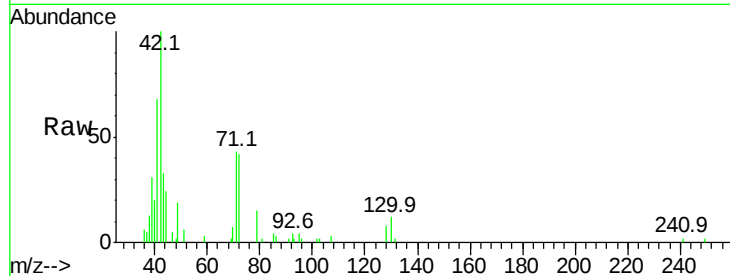
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

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

Manual Integrations
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#42

Bromodichloromethane

Concen: 0.330 ppbv

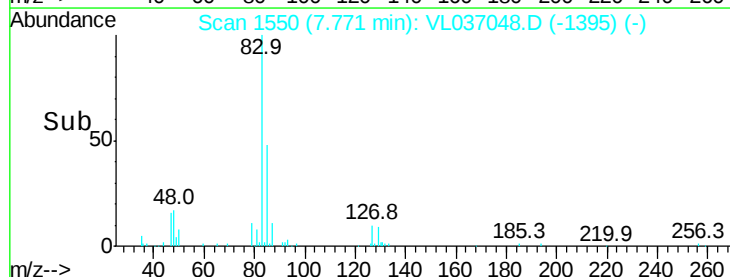
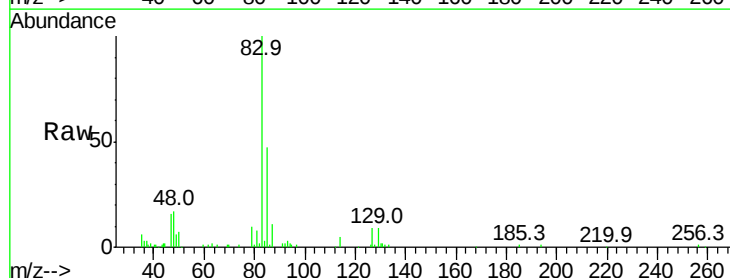
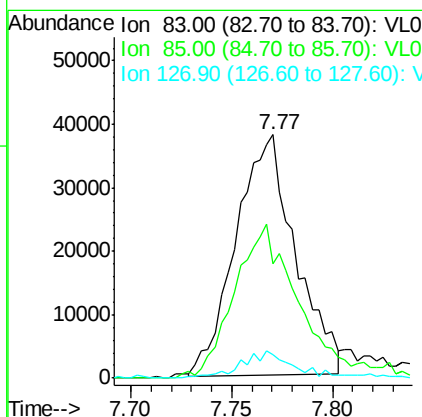
RT: 7.77 min Scan# 1550

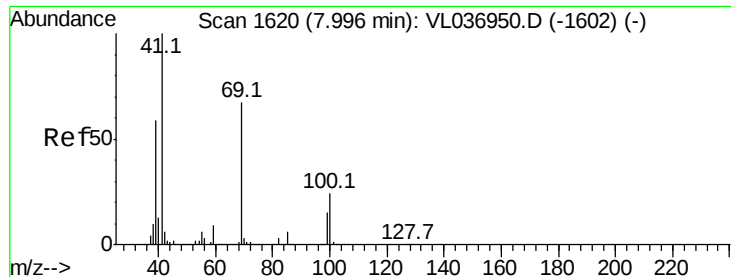
Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	45.3	51.7	77.5#
127	9.2	6.9	10.3





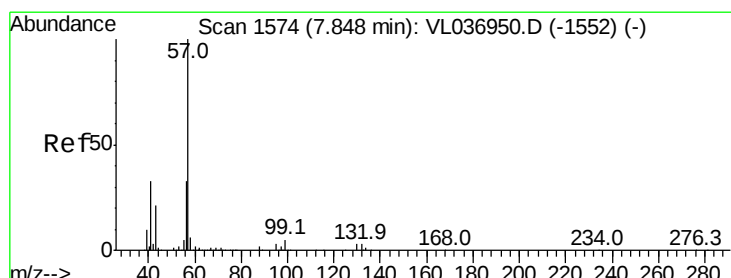
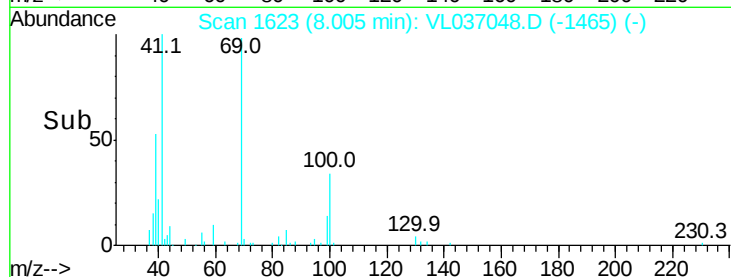
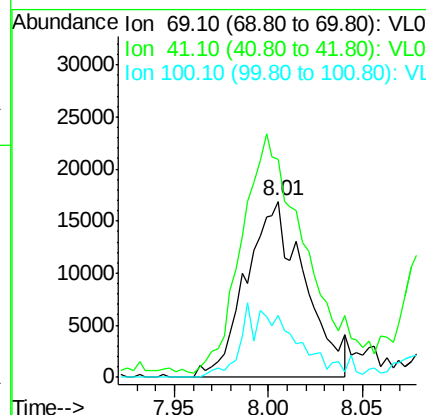
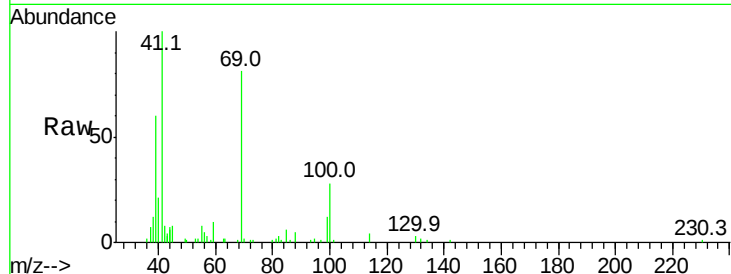
#43
Methyl Methacrylate
Concen: 0.334 ppbv m
RT: 8.01 min Scan# 1623
Delta R.T. 0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
69	100		
41	150.9	118.6	178.0
100	38.0	28.2	42.4

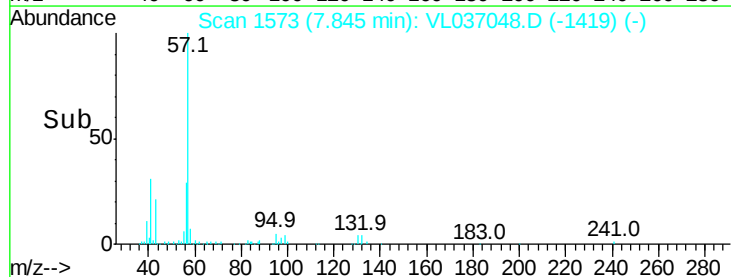
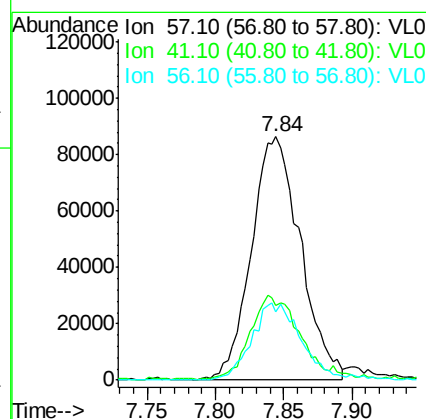
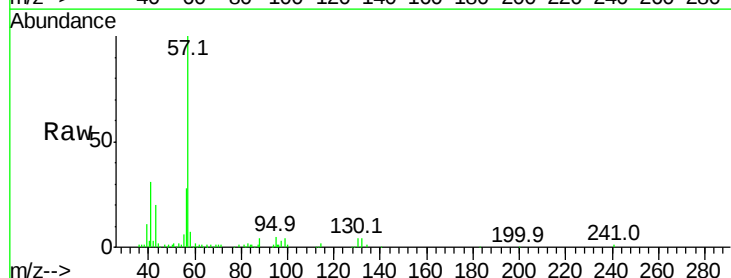
Manual Integrations
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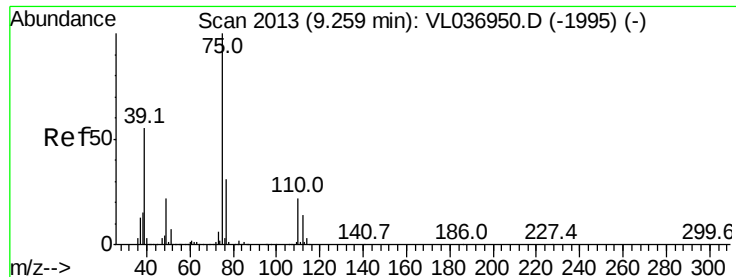
MMDadoda
5/25/2021 6:00:29 PM



#44
2,2,4-Trimethylpentane
Concen: 0.397 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
57	100		
41	35.9	27.0	40.4
56	32.7	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 0.257 ppbv m

RT: 9.26 min Scan# 2012

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 75 Resp: 21445

Ion Ratio Lower Upper

75 100

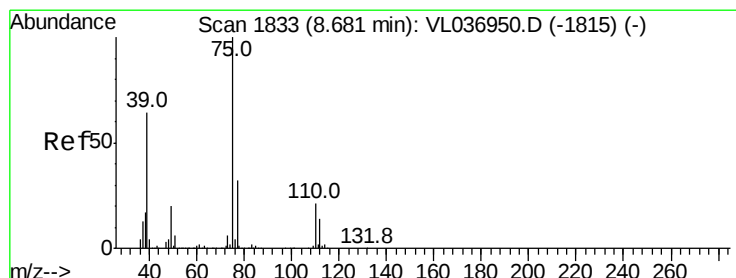
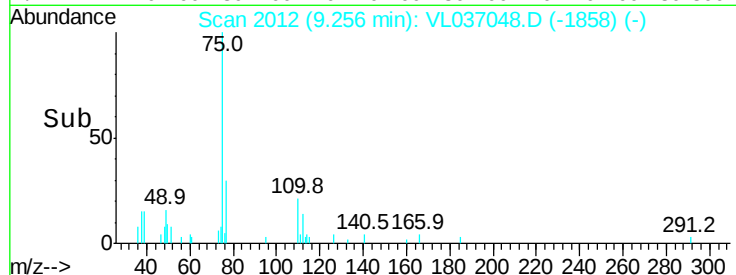
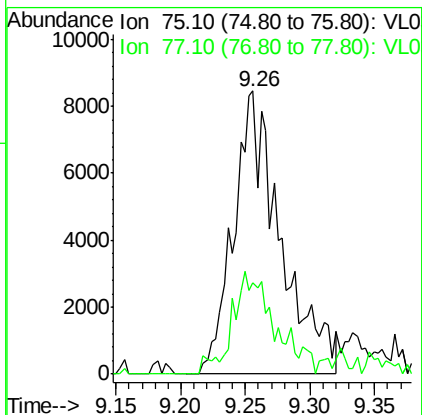
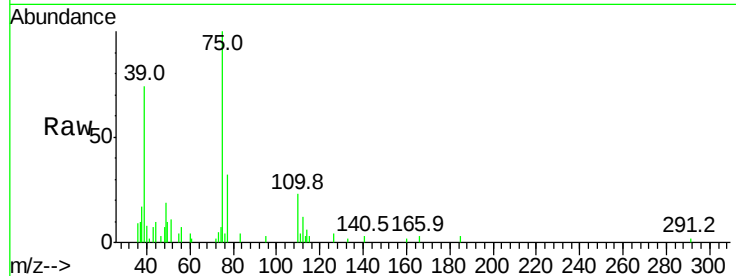
77 32.4 24.4 36.6

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#46

cis-1,3-Dichloropropene

Concen: 0.308 ppbv m

RT: 8.68 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

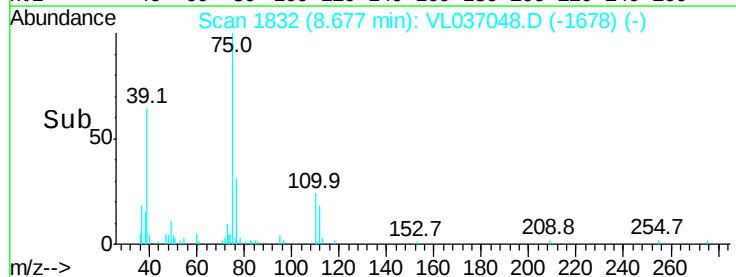
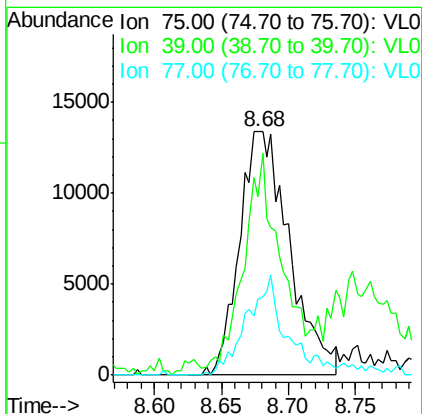
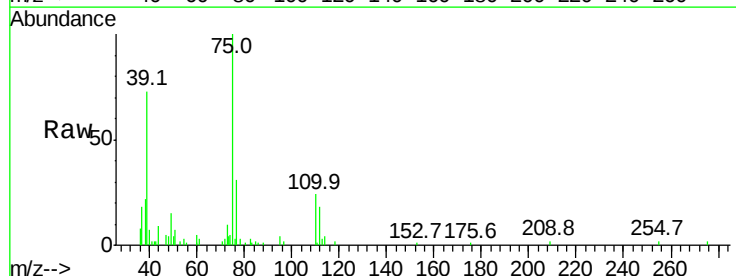
Tgt Ion: 75 Resp: 34636

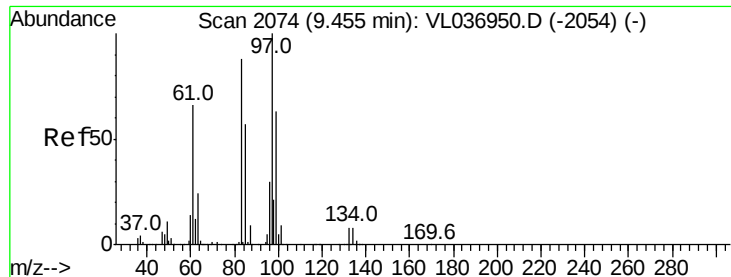
Ion Ratio Lower Upper

75 100

39 73.1 51.5 77.3

77 30.9 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.390 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

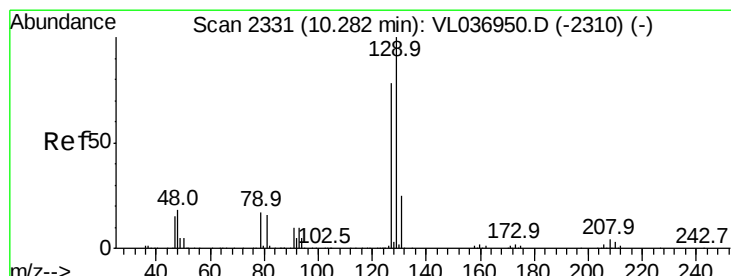
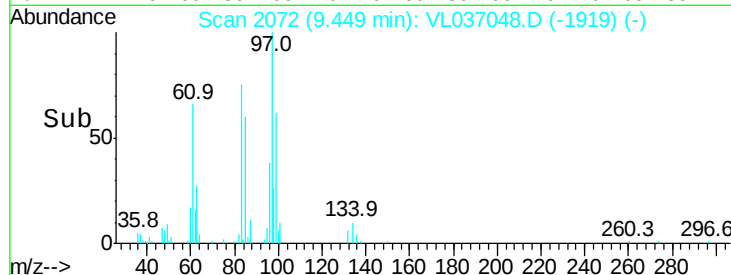
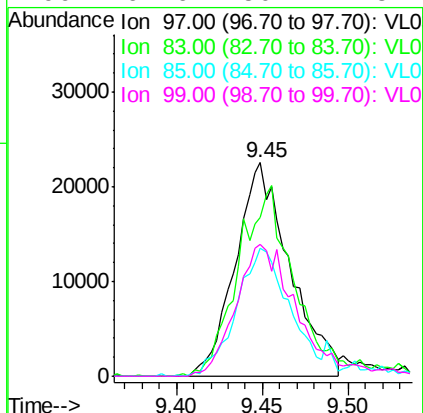
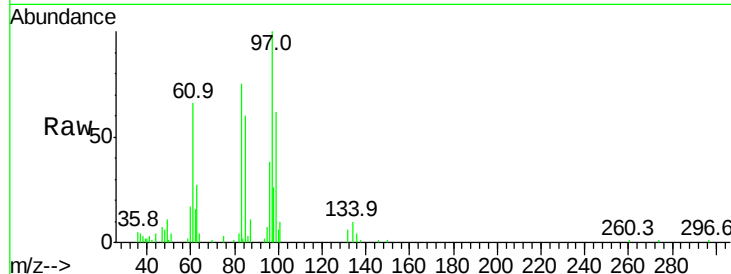
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		49864		
83	74.5	70.4	105.6		
85	58.9	45.5	68.3		
99	61.6	50.2	75.2		

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#48

Dibromochloromethane

Concen: 0.303 ppbv m

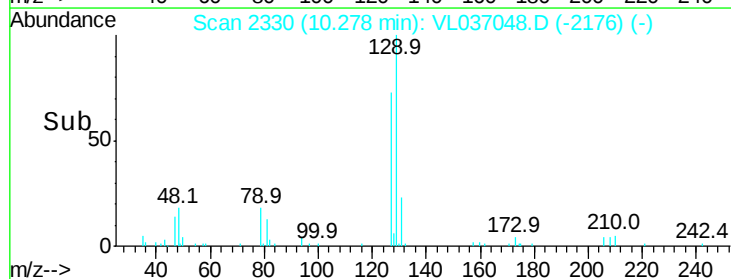
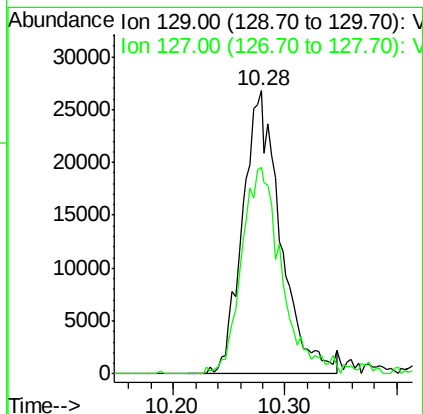
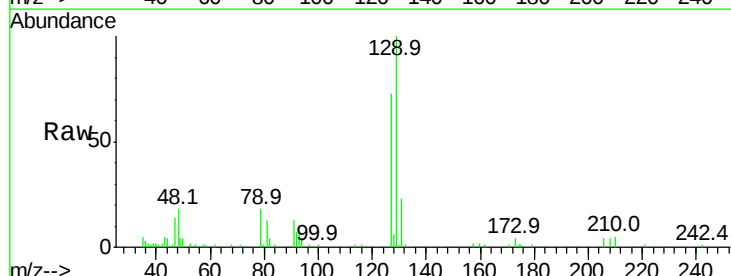
RT: 10.28 min Scan# 2330

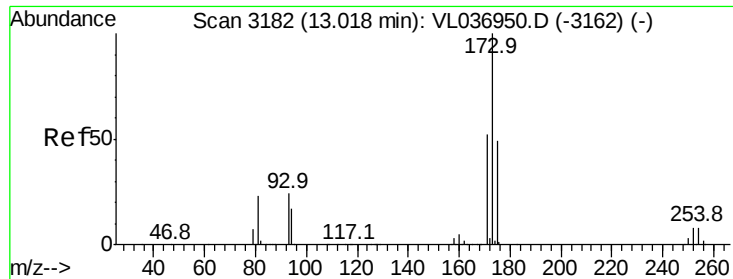
Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		62789		
127	79.3	39.3	117.8		





#49

Bromoform

Concen: 0.233 ppbv m

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

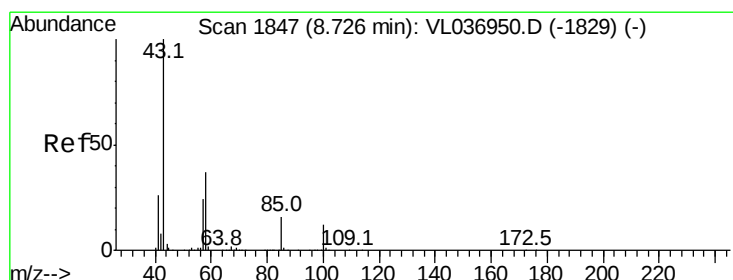
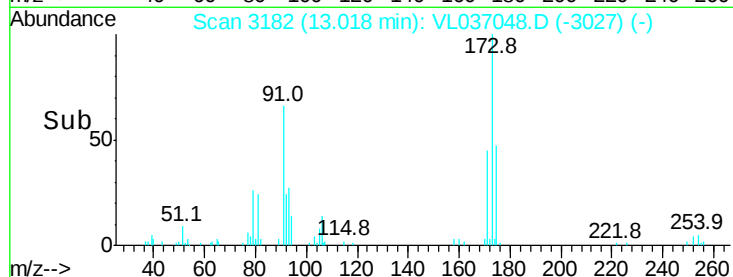
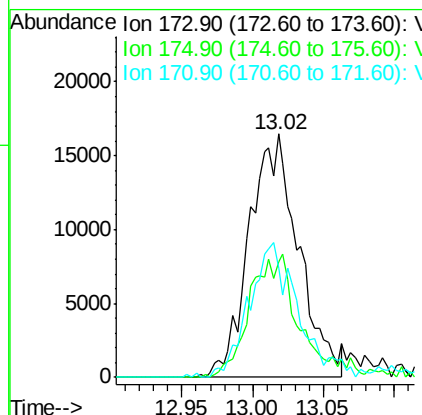
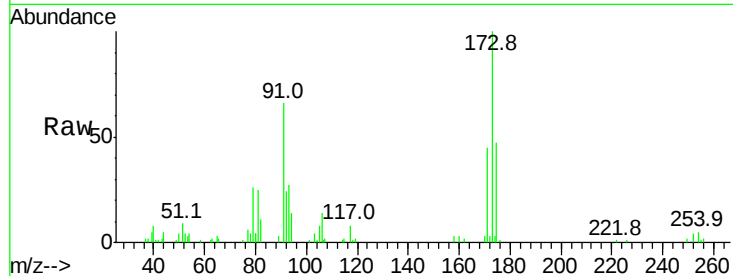
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	173	Resp:	39922
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: 0.336 ppbv m

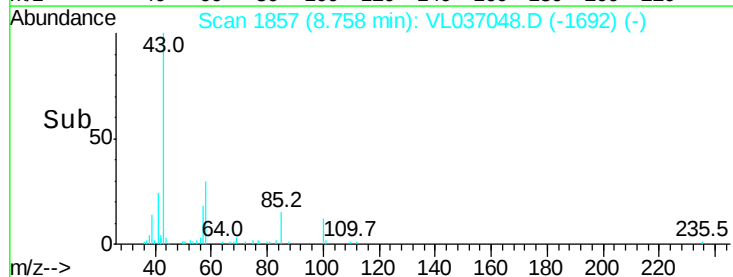
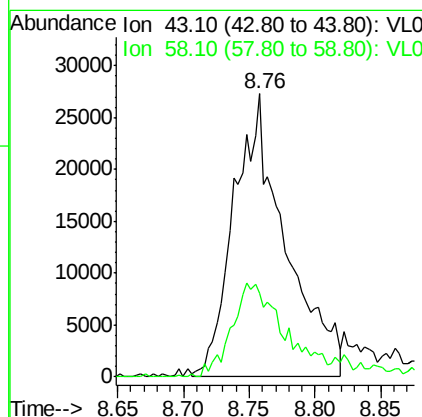
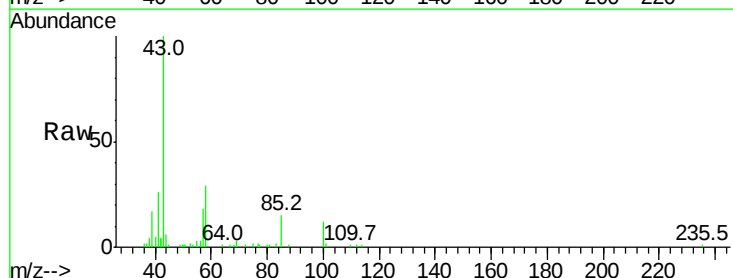
RT: 8.76 min Scan# 1857

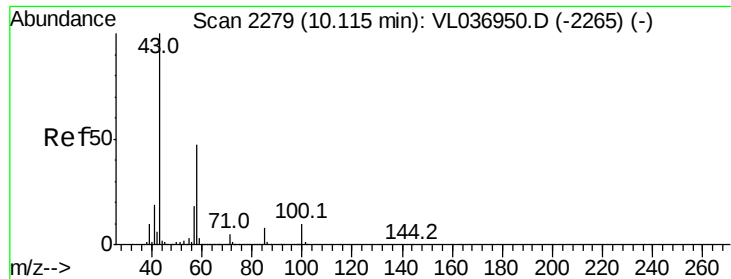
Delta R.T. 0.03 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	43	Resp:	74348
Ion Ratio	Lower	Upper	
43	100		
58	0.0	29.4	44.2#





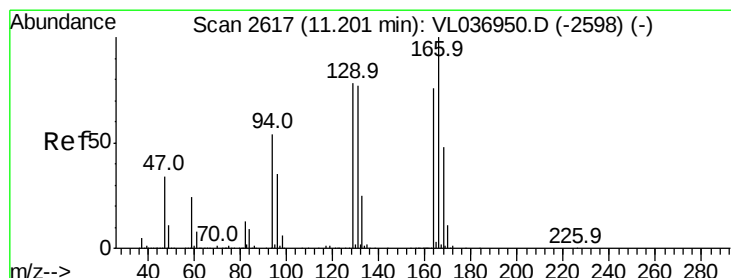
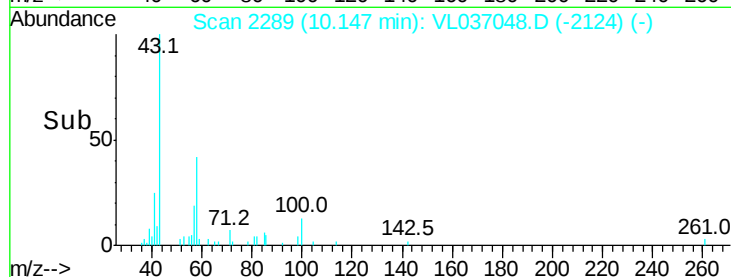
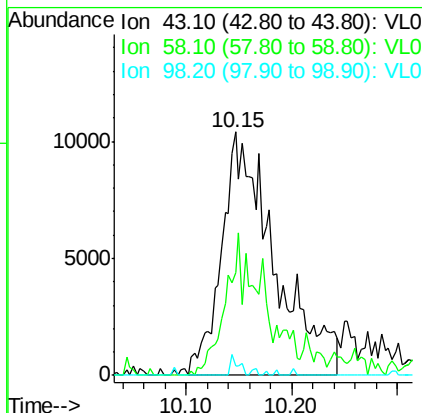
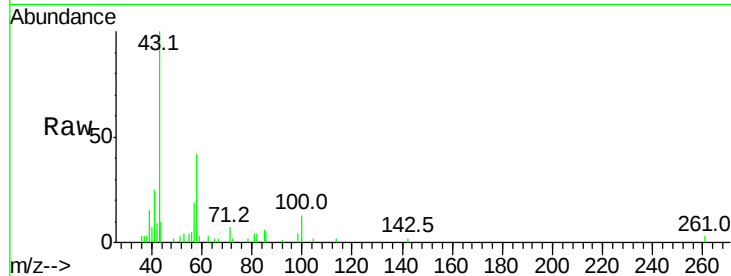
#51
2-Hexanone
Concen: 0.310 ppbv m
RT: 10.15 min Scan# 2289
Delta R.T. 0.03 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
98	0.2	0.1	0.1#

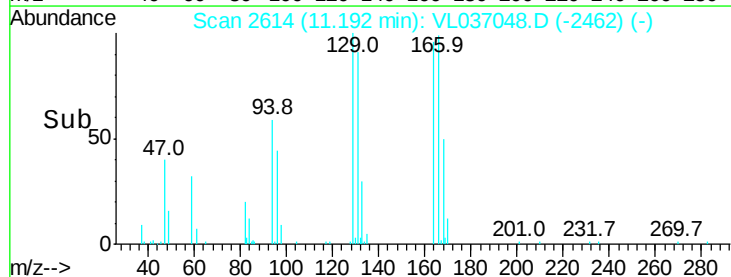
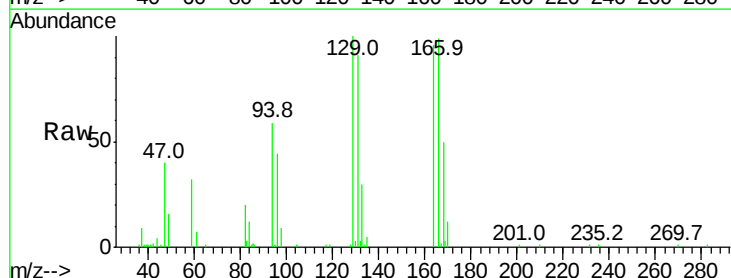
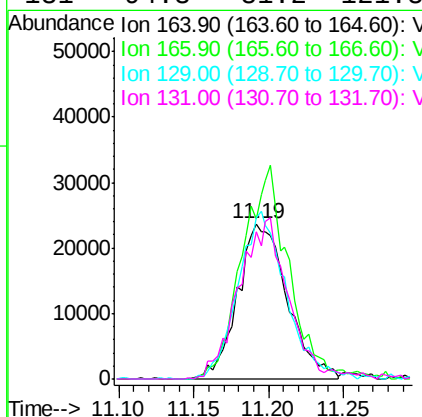
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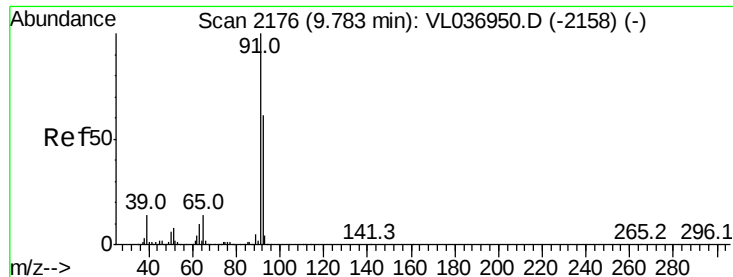
MMDadoda
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#52
Tetrachloroethene
Concen: 0.433 ppbv
RT: 11.19 min Scan# 2614
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	102.9	105.5	158.3#
129	104.4	81.8	122.8
131	94.3	81.2	121.8





#53

Toluene

Concen: 0.377 ppbv m

RT: 9.78 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 91 Resp: 142098

Ion Ratio Lower Upper

91 100

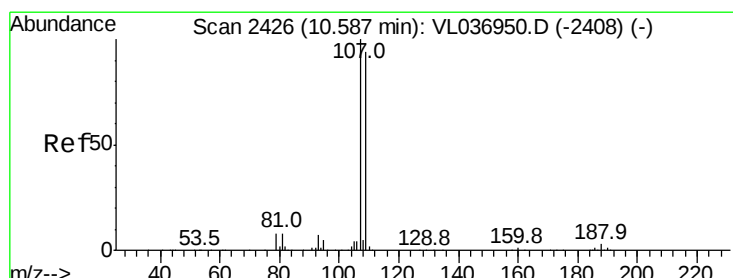
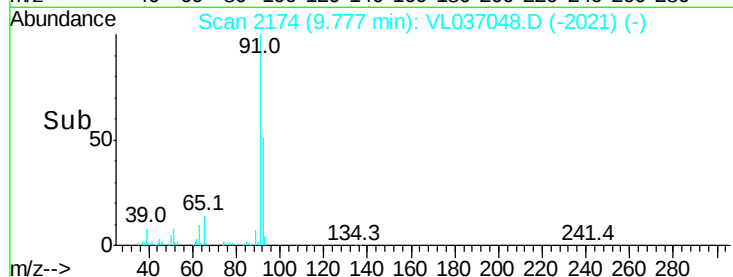
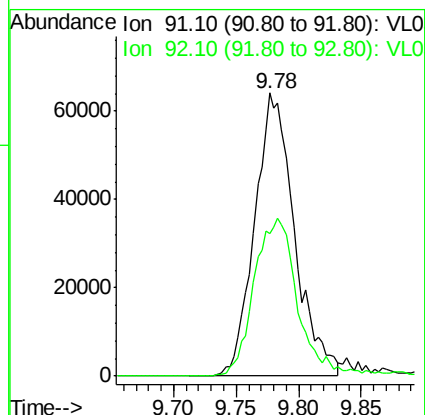
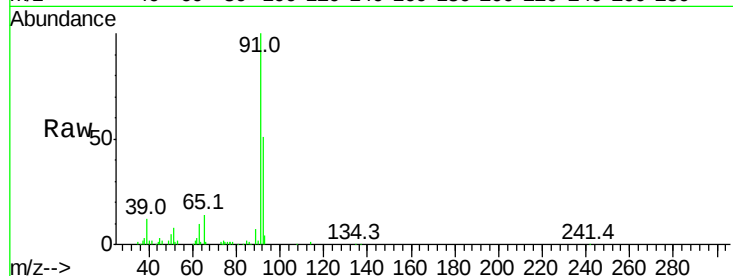
92 61.7 49.5 74.3

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#54

1,2-Dibromoethane

Concen: 0.390 ppbv m

RT: 10.58 min Scan# 2425

Delta R.T. -0.00 min

Lab File: VL037048.D

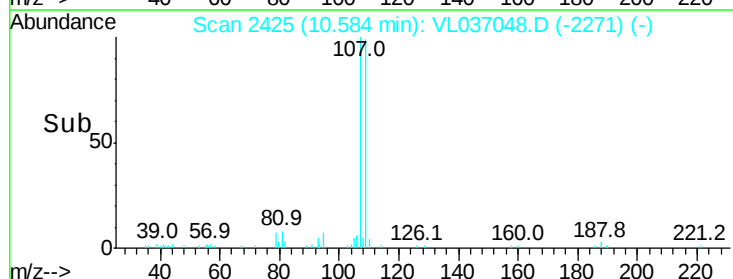
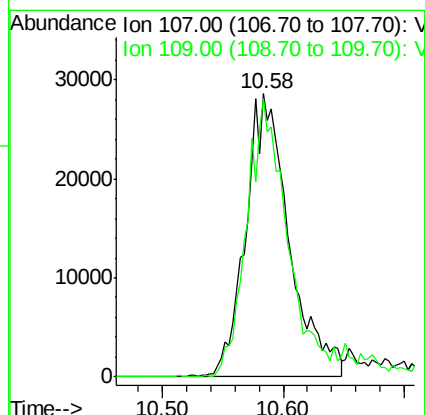
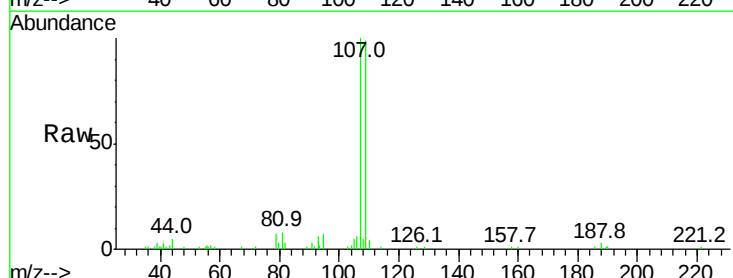
Acq: 24 May 2021 14:56

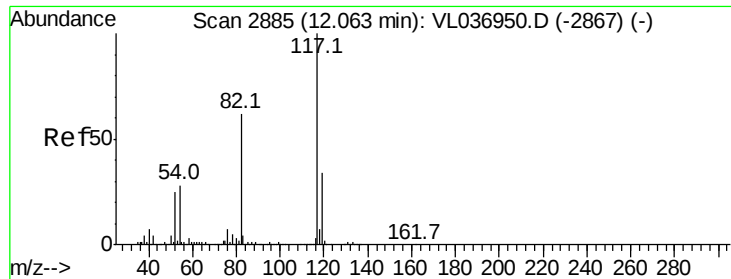
Tgt Ion: 107 Resp: 70917

Ion Ratio Lower Upper

107 100

109 98.5 75.0 112.4





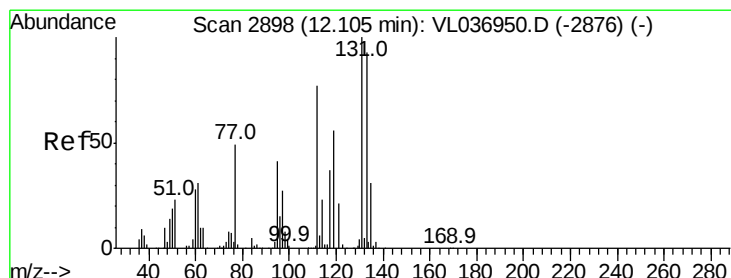
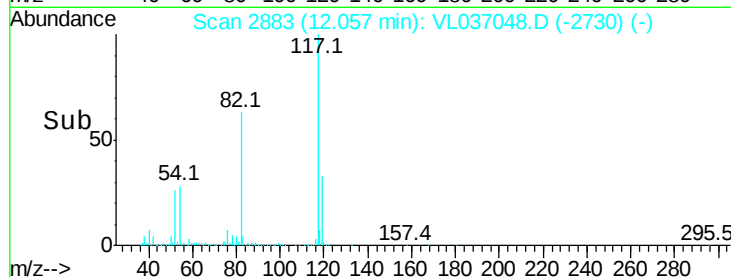
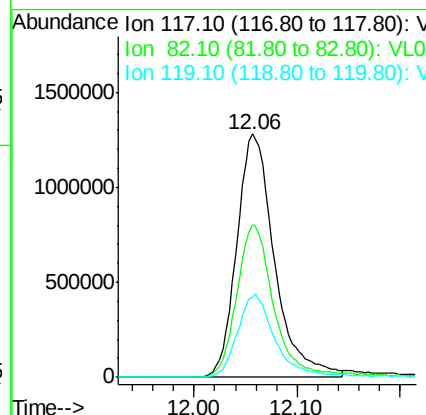
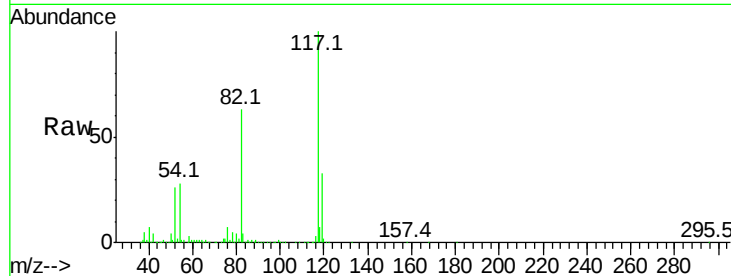
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:117 Resp: 3268586
Ion Ratio Lower Upper
117 100
82 63.7 52.6 79.0
119 34.6 46.6 70.0#

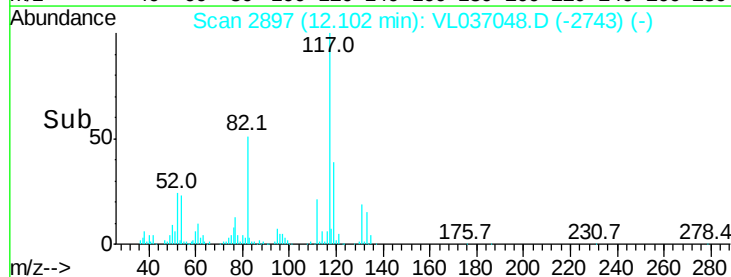
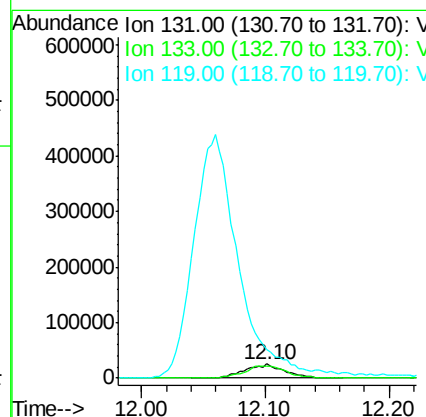
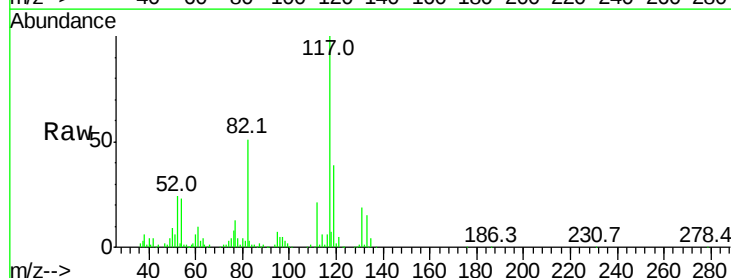
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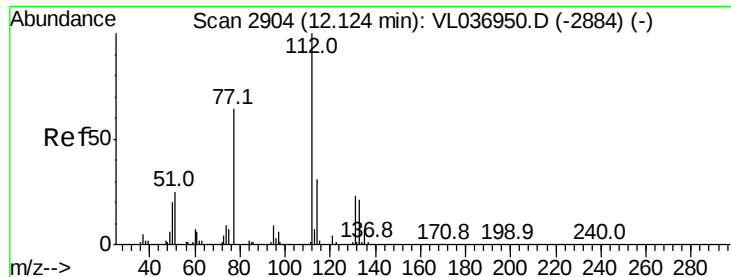
MMDadoda
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.409 ppbv m
RT: 12.10 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion:131 Resp: 56289
Ion Ratio Lower Upper
131 100
133 96.0 76.9 115.3
119 0.0 120.2 180.4#





#57

Chlorobenzene

Concen: 0.463 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

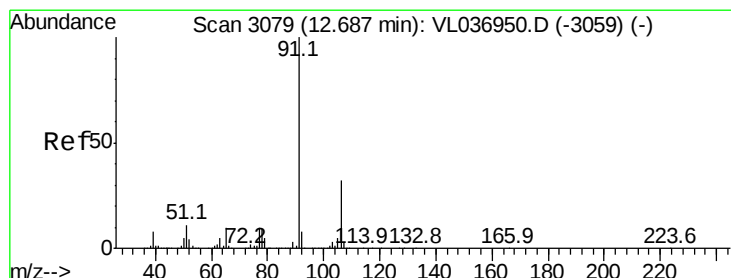
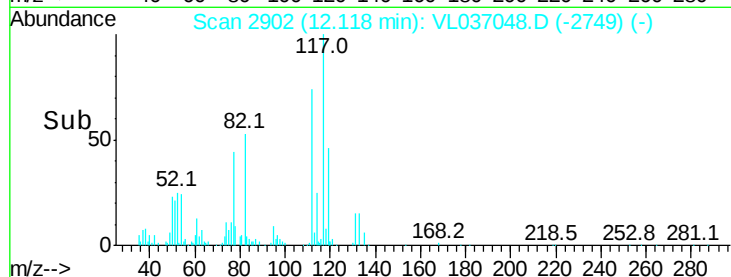
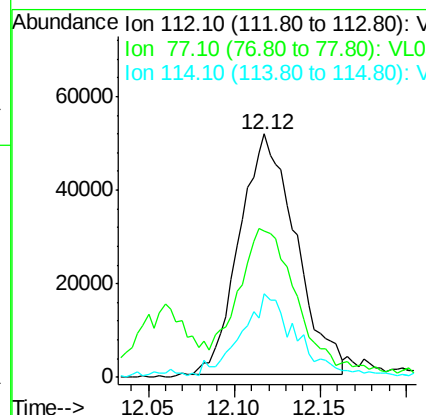
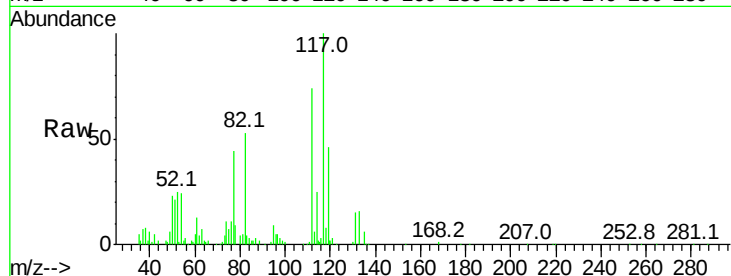
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	112	Resp:	117360
Ion Ratio	Lower	Upper	
112	100		
77	54.7	51.0	76.6
114	34.9	28.3	34.5#

Manual Integrations
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#58

Ethyl Benzene

Concen: 0.412 ppbv

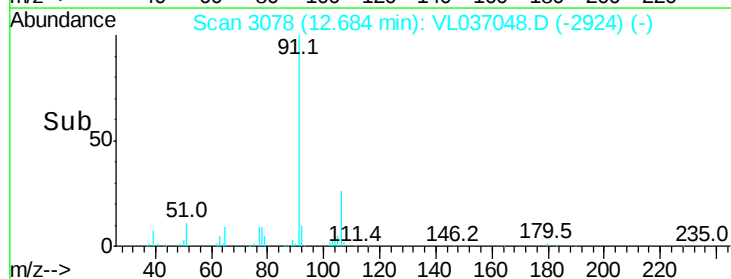
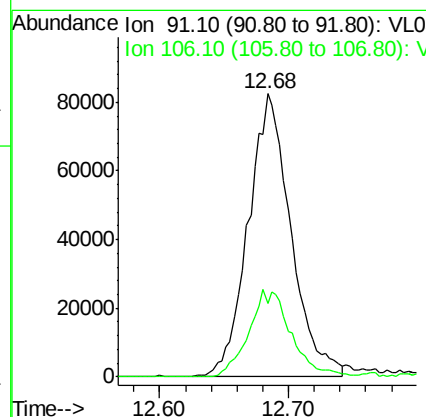
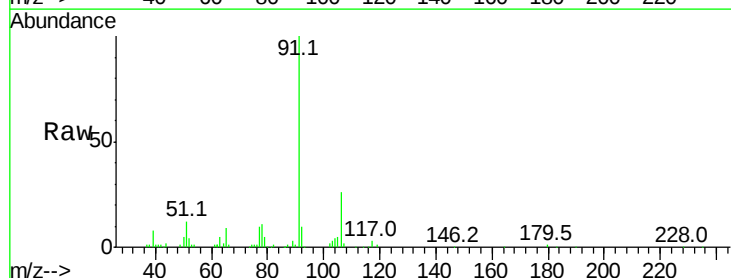
RT: 12.68 min Scan# 3078

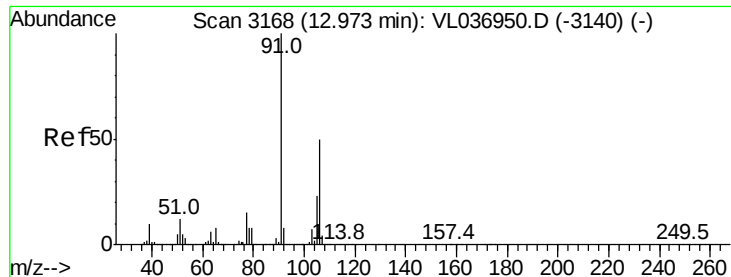
Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	91	Resp:	189897
Ion Ratio	Lower	Upper	
91	100		
106	25.7	25.6	38.4





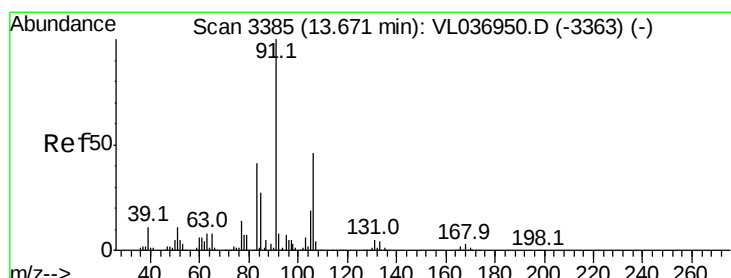
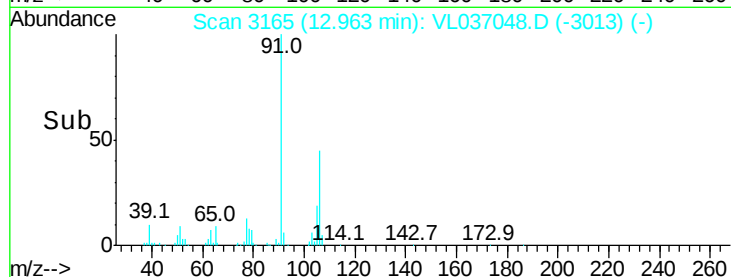
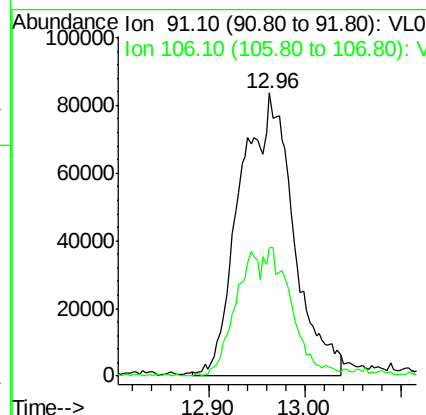
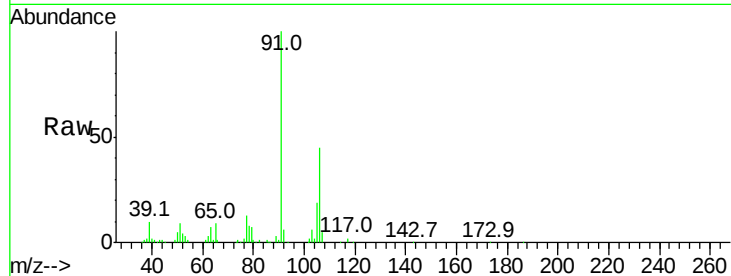
#59
m/p-Xylene
Concen: 0.851 ppbv m
RT: 12.96 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 91 Resp: 324691
Ion Ratio Lower Upper
91 100
106 44.8 37.4 56.2

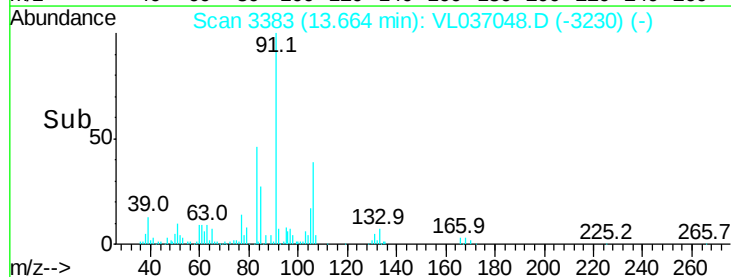
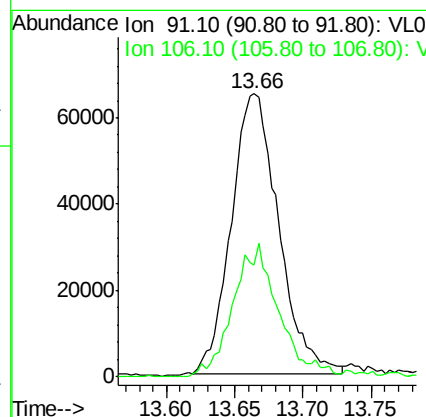
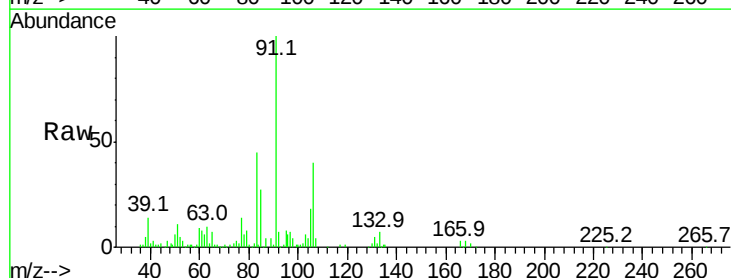
Manual Integrations
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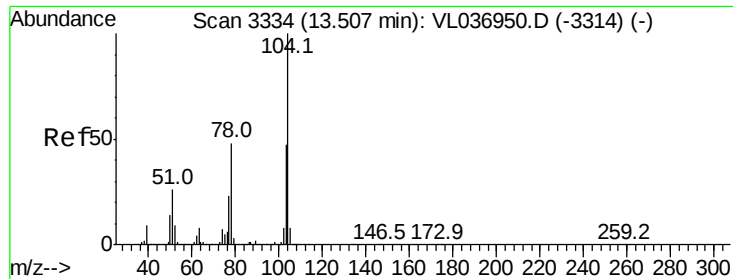
MMDadoda
5/25/2021 6:00:29 PM



#60
o-Xylene
Concen: 0.429 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.01 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion: 91 Resp: 156109
Ion Ratio Lower Upper
91 100
106 47.6 23.4 70.3





#61

Styrene

Concen: 0.324 ppbv

RT: 13.51 min Scan# 3334

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

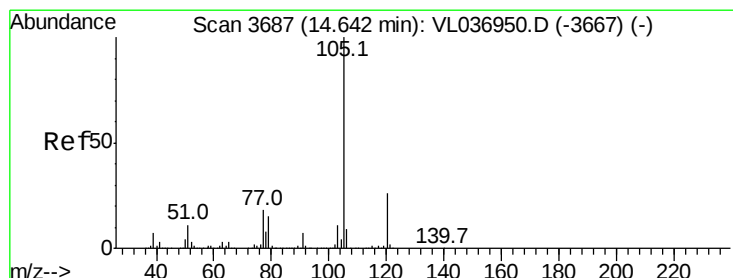
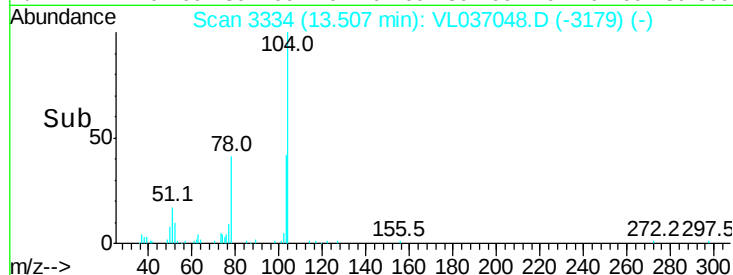
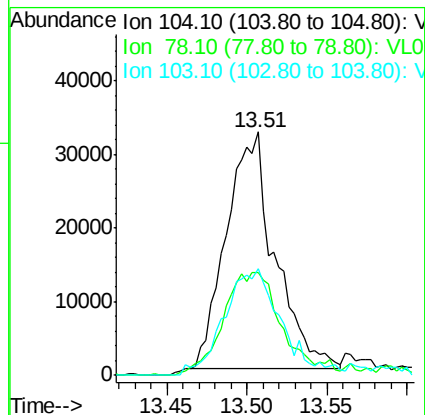
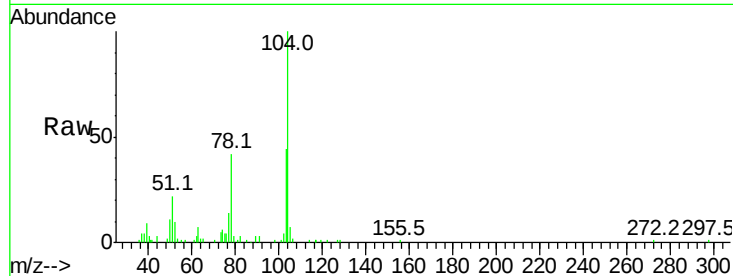
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	104	Resp:	66464
Ion Ratio	Lower	Upper	
104	100		
78	54.2	39.0	58.6
103	52.6	38.0	57.0

Manual Integrations
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#62

Isopropylbenzene

Concen: 0.445 ppbv m

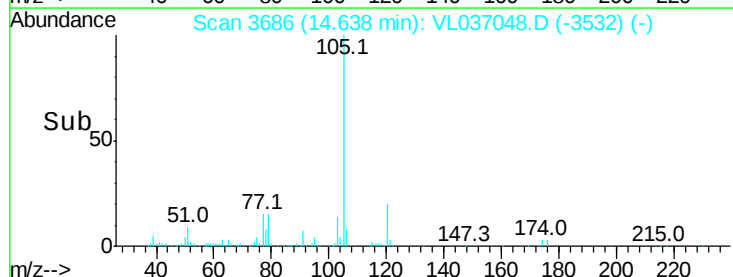
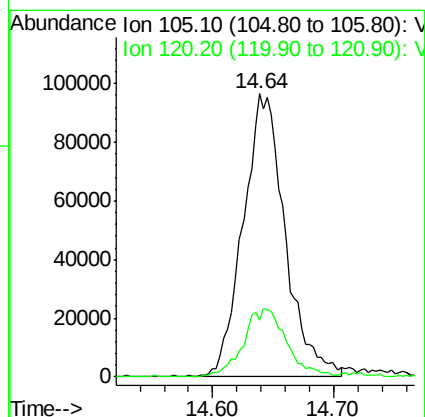
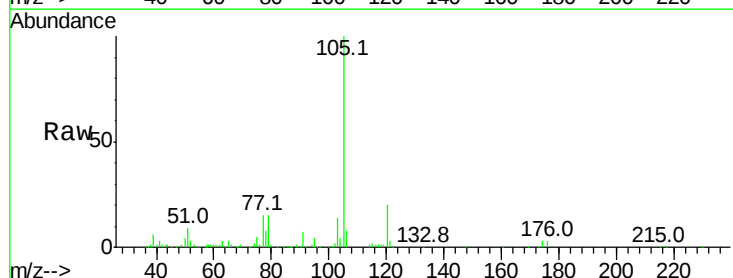
RT: 14.64 min Scan# 3686

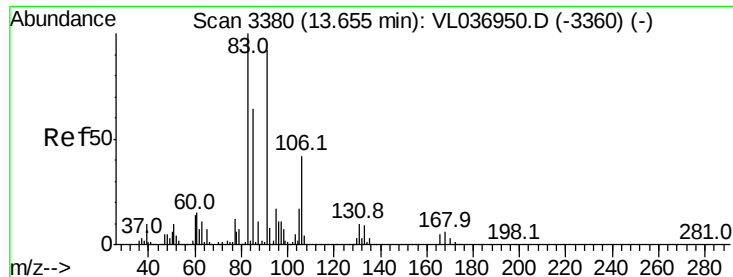
Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	105	Resp:	232763
Ion Ratio	Lower	Upper	
105	100		
120	0.0	21.7	32.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.364 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

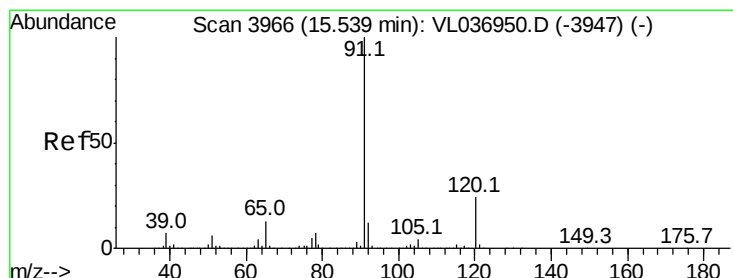
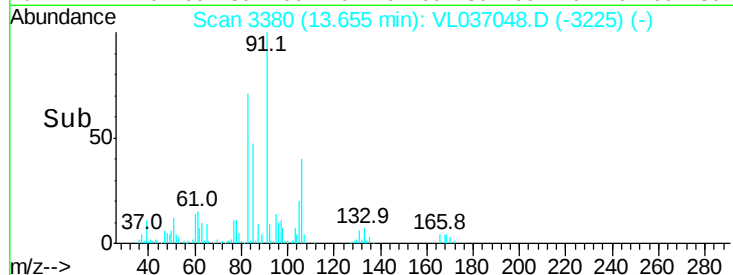
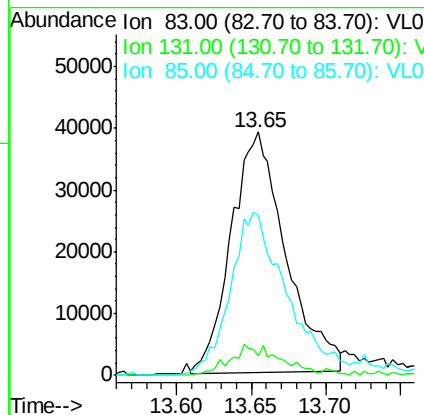
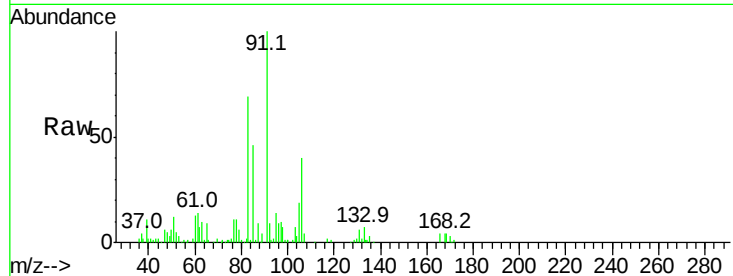
ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:	83	Resp:	98736
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.0	15.0
85	74.4	32.9	98.6

Manual Integrations
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#64

n-propylbenzene

Concen: 0.415 ppbv m

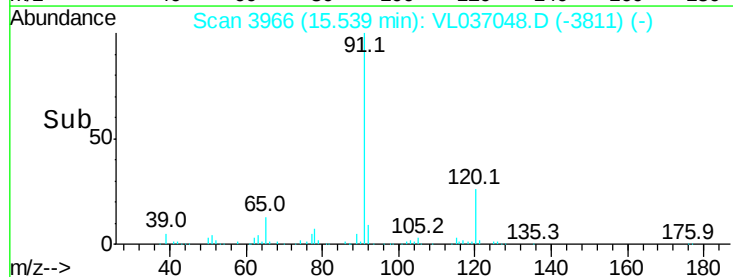
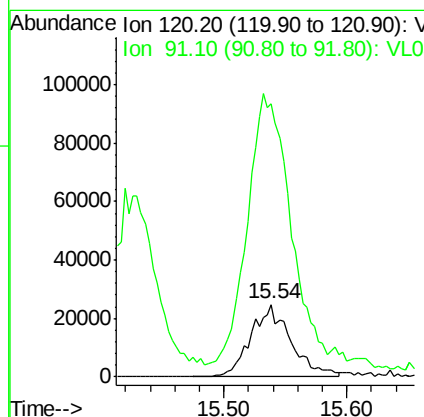
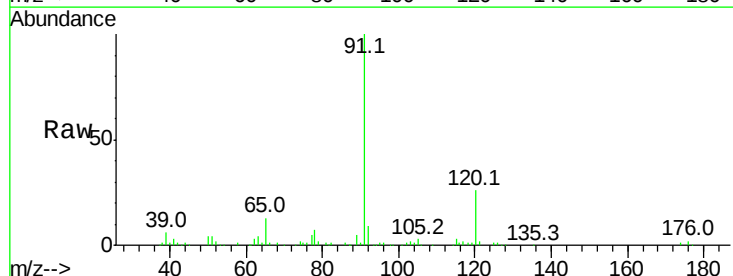
RT: 15.54 min Scan# 3966

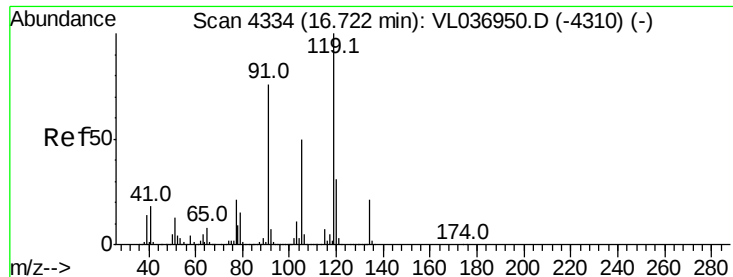
Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:	120	Resp:	55984
Ion Ratio	Lower	Upper	
120	100		
91	491.4	343.8	515.6





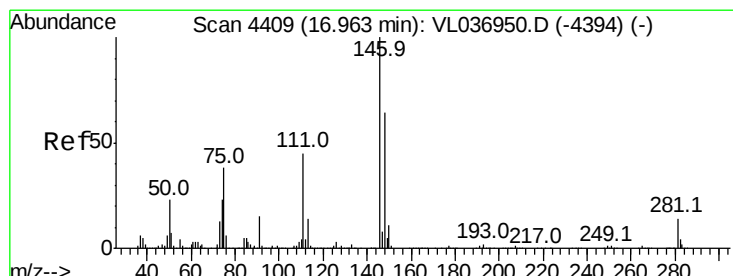
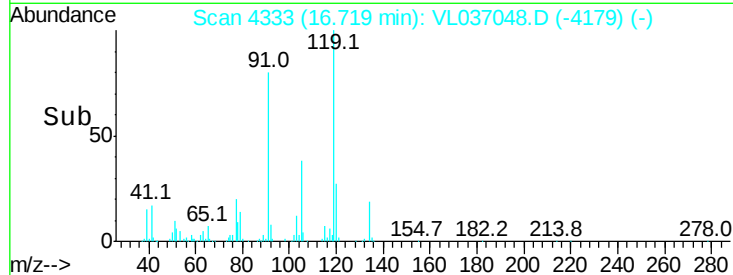
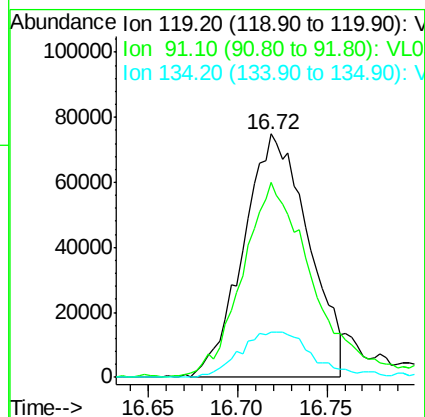
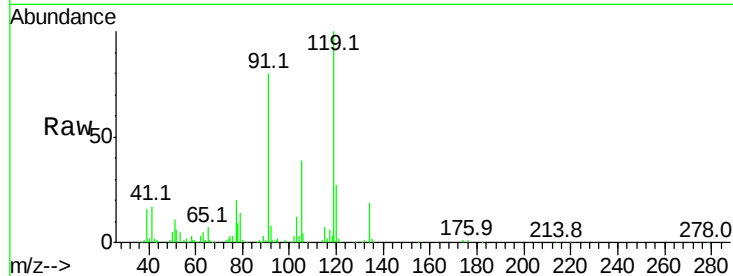
#65
 tert-Butylbenzene
 Concen: 0.404 ppbv
 RT: 16.72 min Scan# 4333
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	190511		
91	90.7	61.9	92.9	
134	21.0	16.2	24.4	

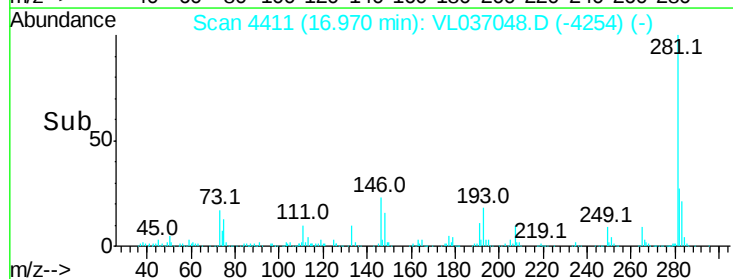
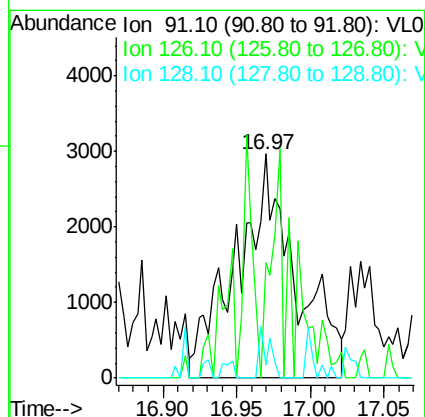
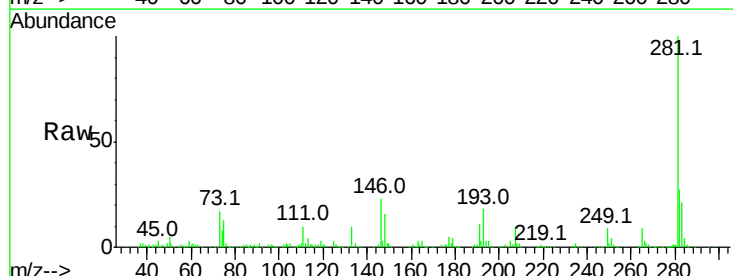
Manual Integrations
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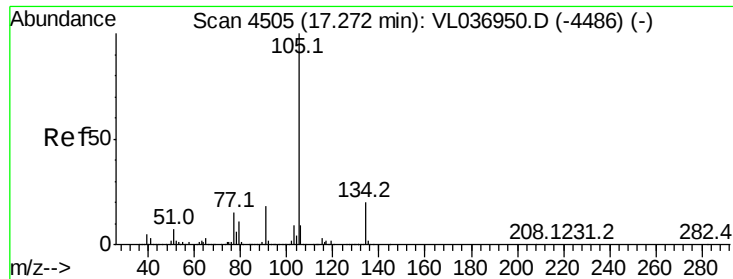
MMDadoda
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#66
 Benzyl Chloride
 Concen: 0.316 ppbv m
 RT: 16.97 min Scan# 4411
 Delta R.T. 0.01 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	8275		
126	1.5	16.5	24.7#	
128	5.2	5.5	8.3#	





#67

sec-Butylbenzene

Concen: 0.396 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 105 Resp: 254939

Ion Ratio Lower Upper

105 100

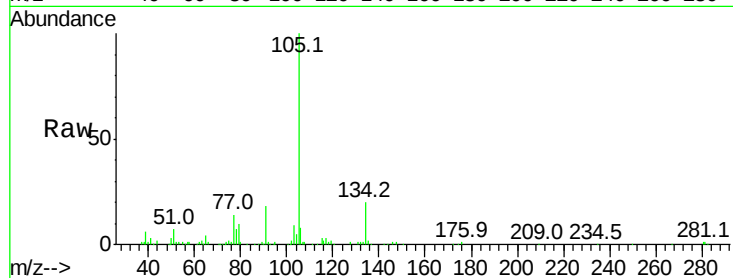
134 21.1 15.6 23.4

Manual Integrations

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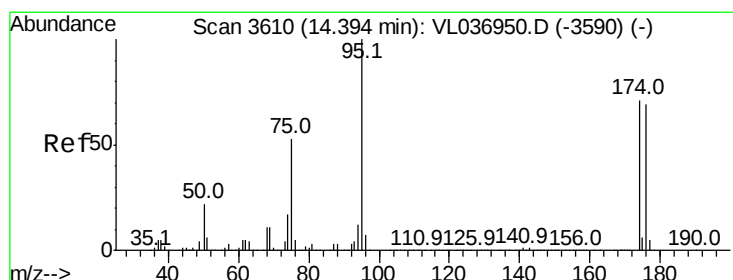
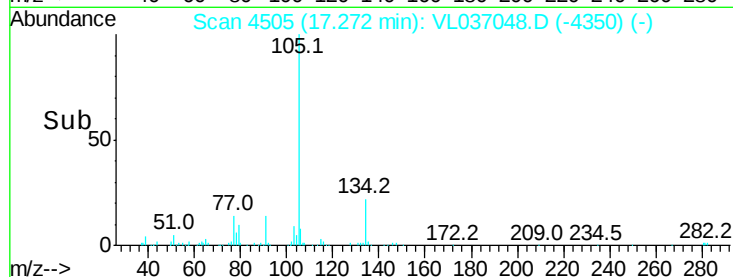
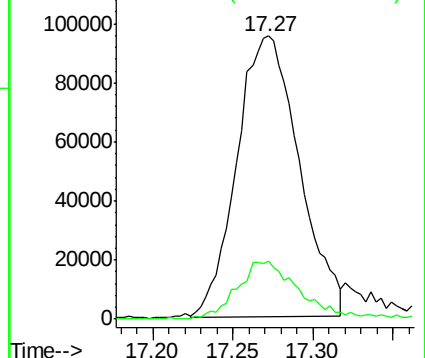
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.917 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

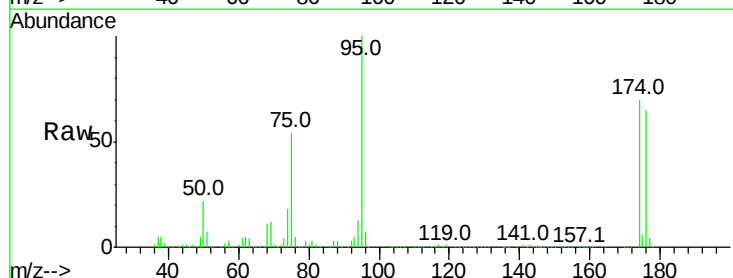
Tgt Ion: 95 Resp: 2434996

Ion Ratio Lower Upper

95 100

174 74.5 58.4 87.6

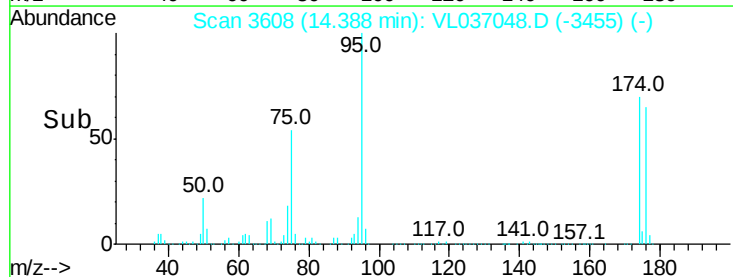
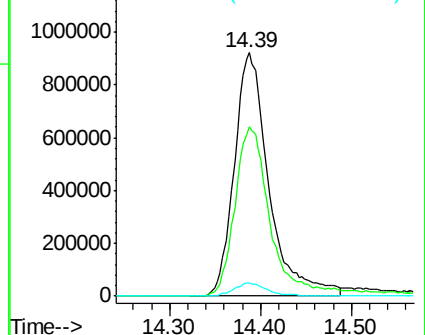
175 5.2 4.4 6.6

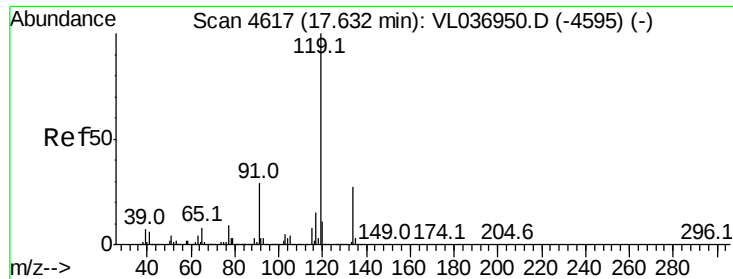


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





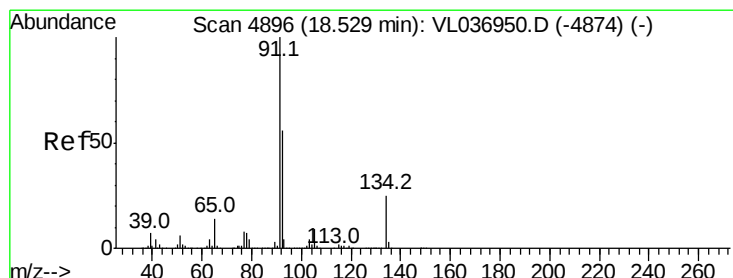
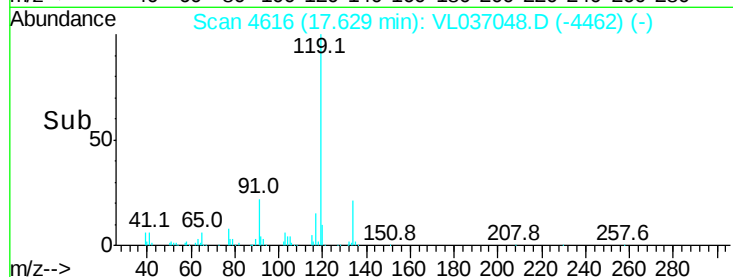
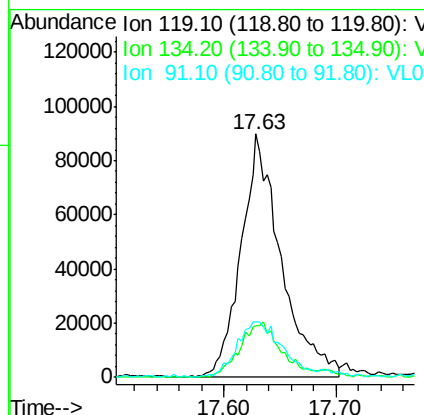
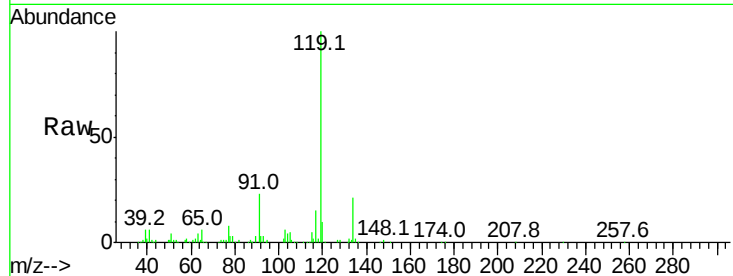
#69
 p-Isopropyltoluene
 Concen: 0.404 ppbv m
 RT: 17.63 min Scan# 4616
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	27.3	22.2	33.4

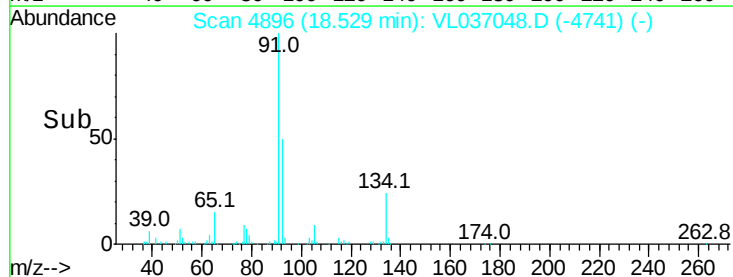
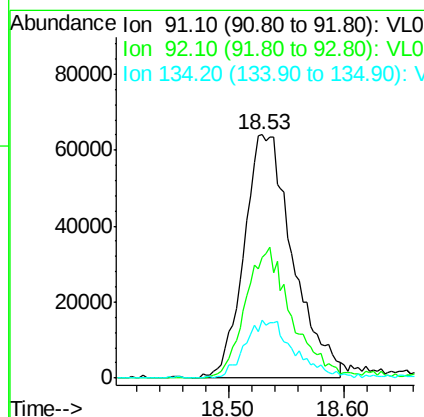
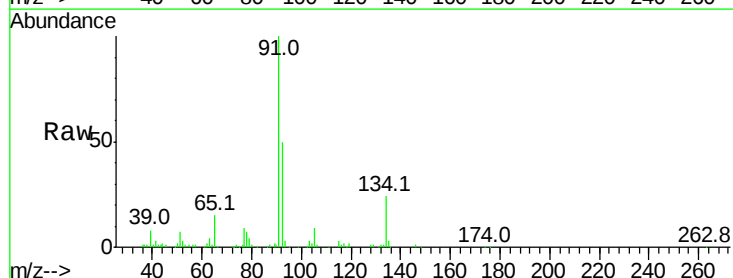
Manual Integrations
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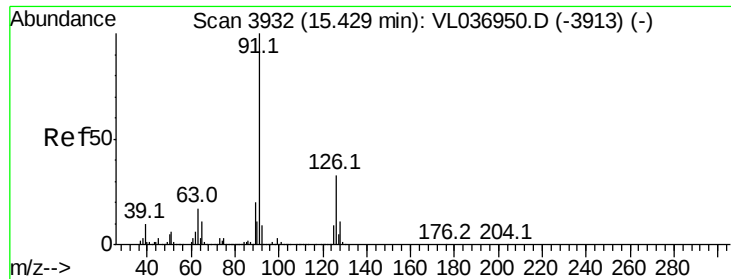
MMDadoda
 5/25/2021 6:00:29 PM



#70
 n-Butylbenzene
 Concen: 0.358 ppbv m
 RT: 18.53 min Scan# 4896
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	44.6	66.8#
134	24.2	20.2	30.2





#71

2-Chlorotoluene

Concen: 0.420 ppbv m

RT: 15.42 min Scan# 3929

Delta R.T. -0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

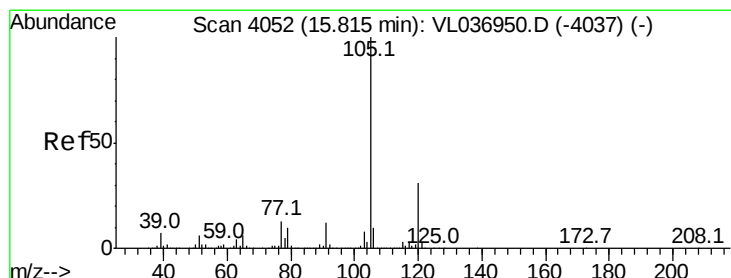
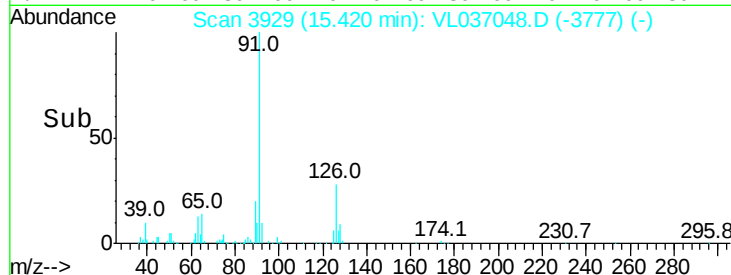
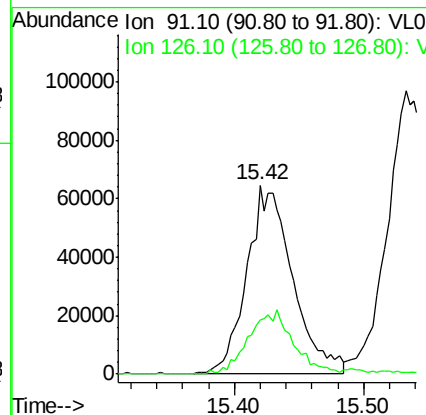
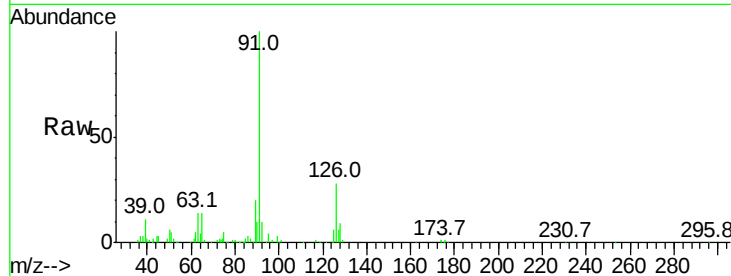
Tgt Ion: 91 Resp: 158672
Ion Ratio Lower Upper

91 100

126 0.0 13.1 52.5#

Manual Integrations
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#72

4-Ethyltoluene

Concen: 0.403 ppbv m

RT: 15.82 min Scan# 4054

Delta R.T. 0.01 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

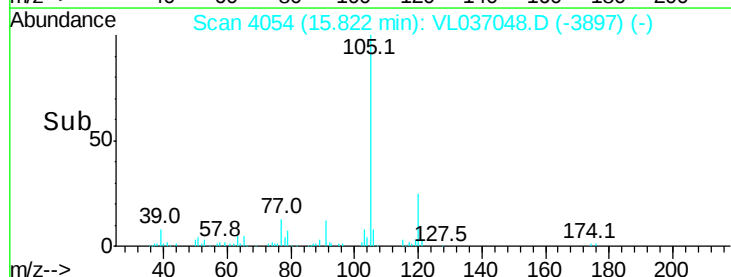
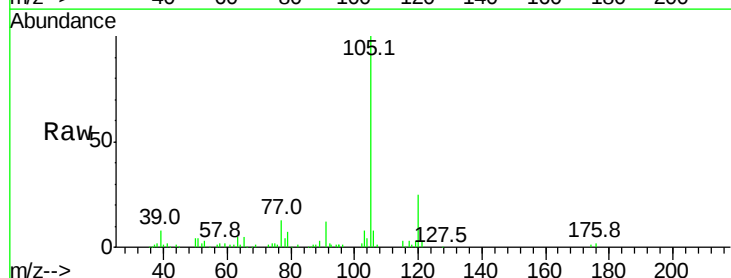
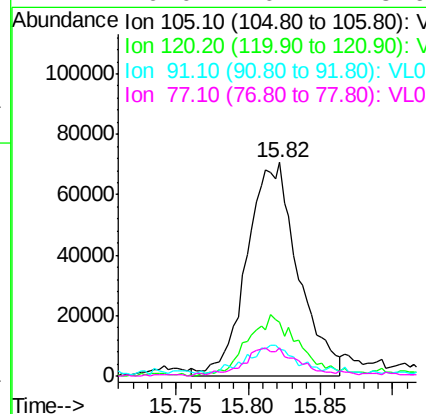
Tgt Ion: 105 Resp: 174082
Ion Ratio Lower Upper

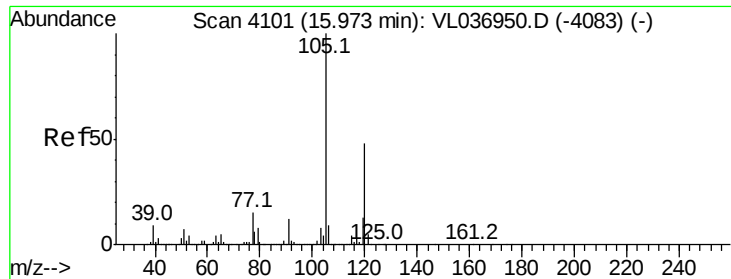
105 100

120 27.5 24.6 37.0

91 13.5 9.8 14.6

77 0.0 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.373 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Tgt Ion:105 Resp: 151100

Ion Ratio Lower Upper

105 100

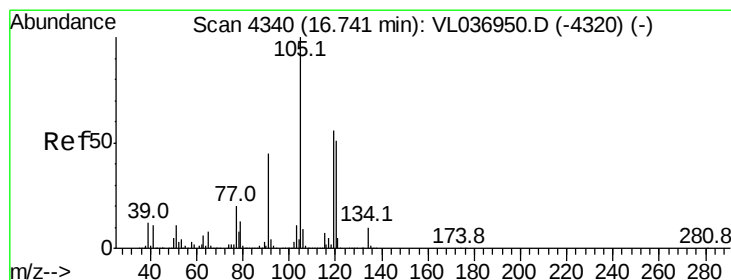
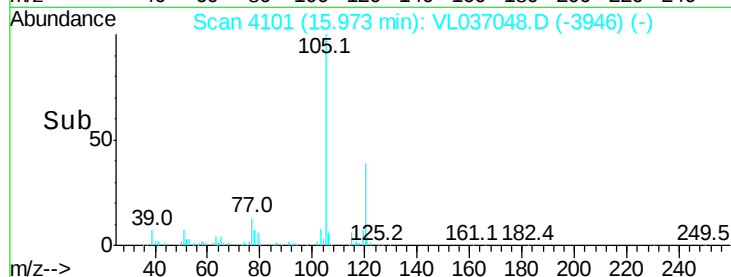
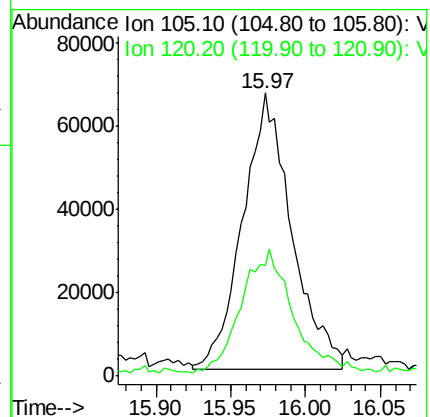
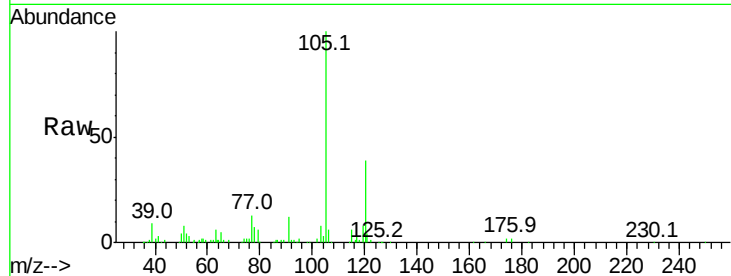
120 39.0 38.6 58.0

Manual Integrations

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#74

1,2,4-Trimethylbenzene

Concen: 0.384 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037048.D

Acq: 24 May 2021 14:56

Tgt Ion:105 Resp: 160756

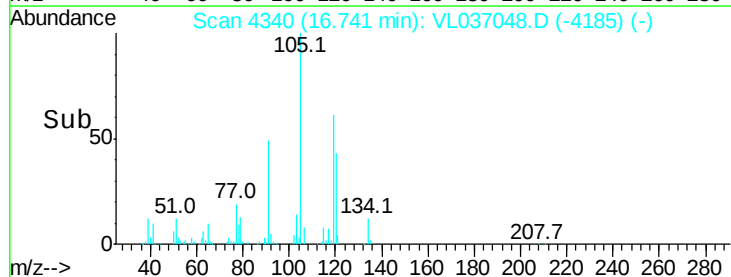
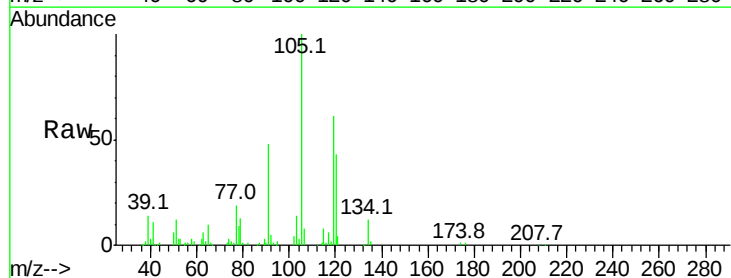
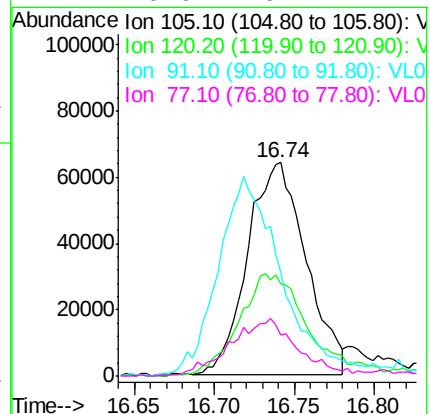
Ion Ratio Lower Upper

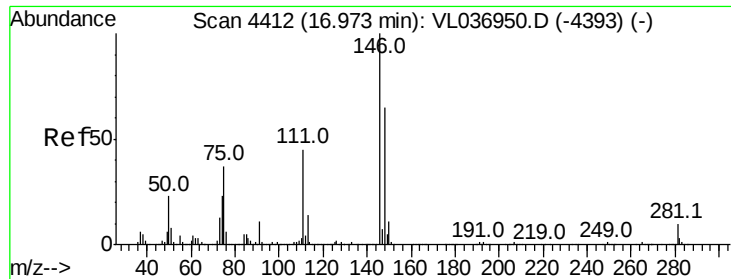
105 100

120 42.2 40.6 61.0

91 41.6 37.4 56.0

77 16.9 16.2 24.4





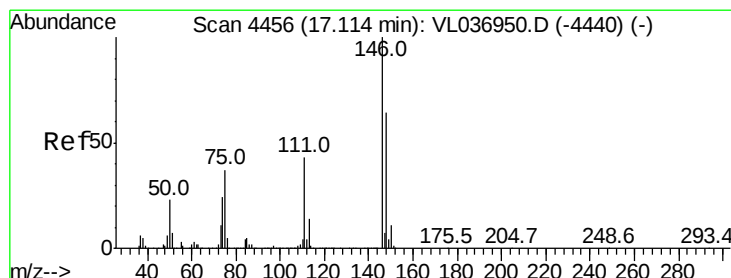
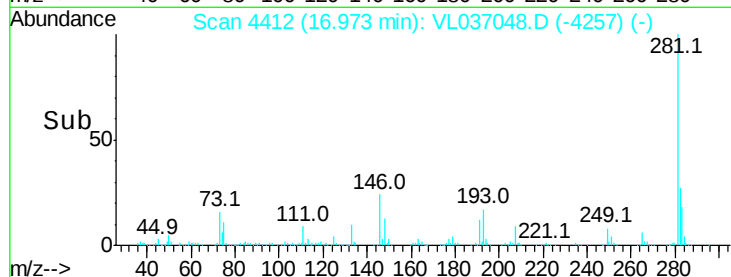
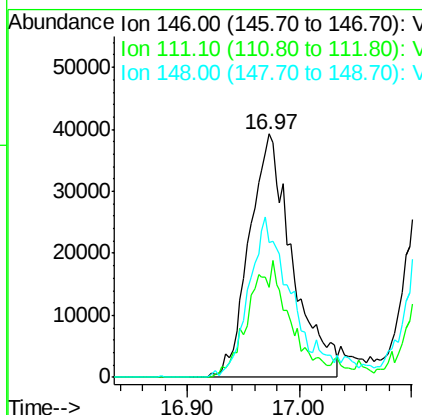
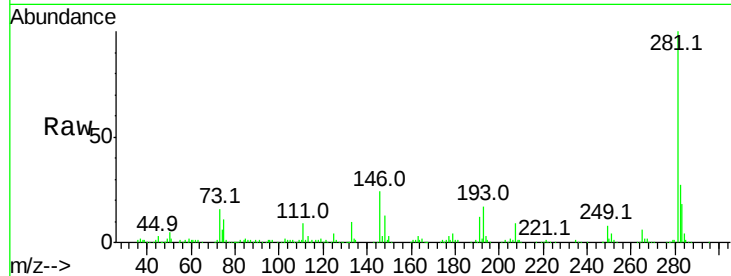
#75
 1,3-Dichlorobenzene
 Concen: 0.409 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104567		
111	50.1	22.2	66.6	
148	67.7	32.3	96.8	

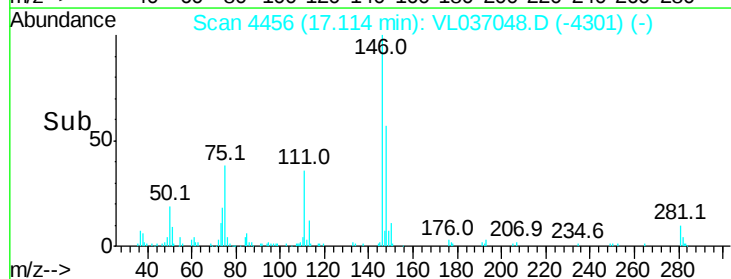
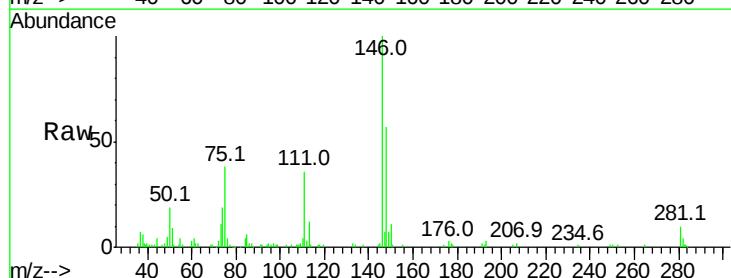
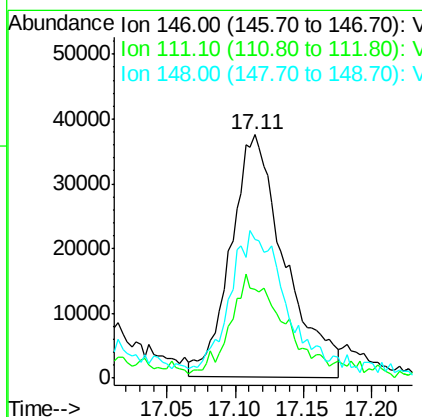
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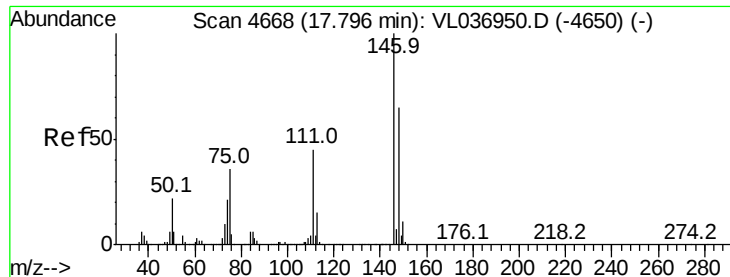
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#76
 1,4-Dichlorobenzene
 Concen: 0.397 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	102823		
111	44.7	22.6	67.7	
148	67.8	33.5	100.5	





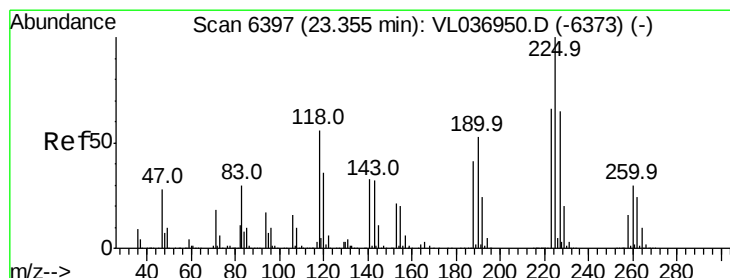
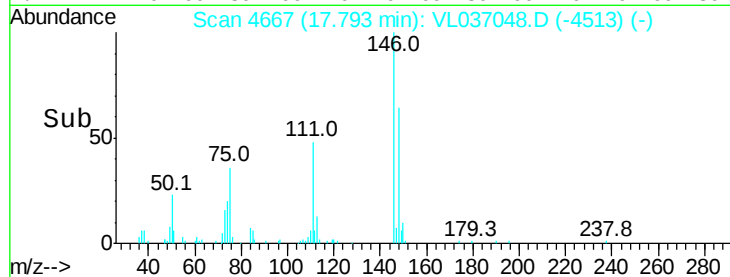
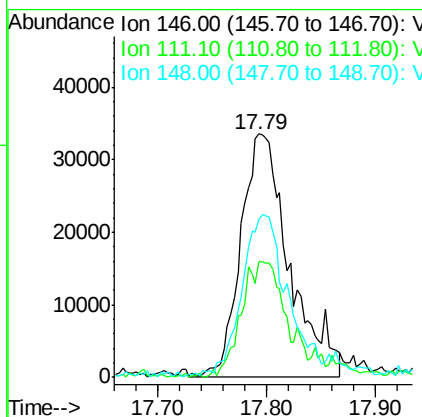
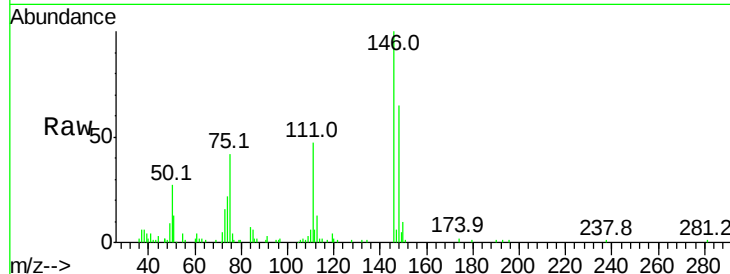
#77
 1,2-Dichlorobenzene
 Concen: 0.406 ppbv m
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.00 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104195		
111	48.7	23.1	69.2	
148	68.8	32.5	97.4	

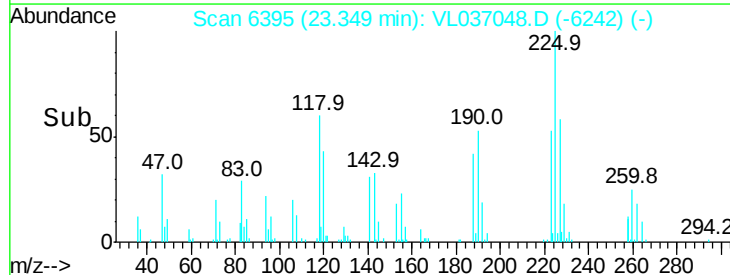
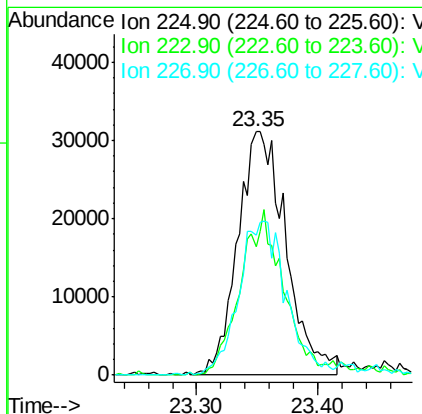
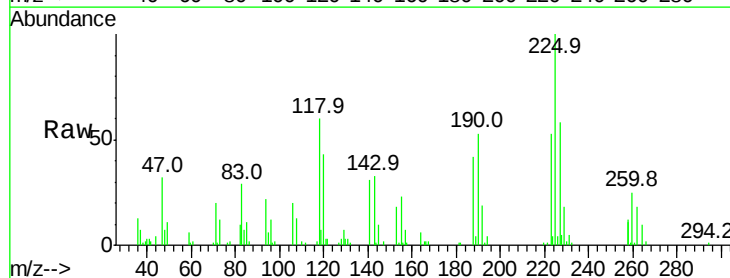
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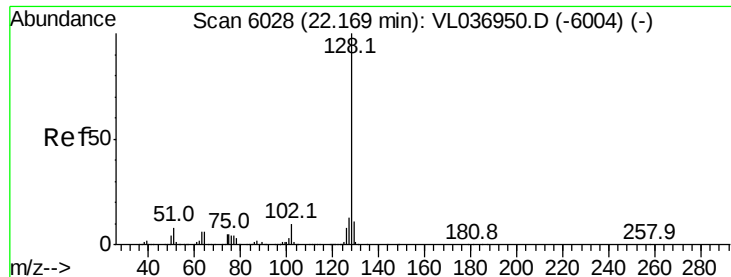
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#78
 Hexachloro-1,3-Butadiene
 Concen: 0.414 ppbv m
 RT: 23.35 min Scan# 6395
 Delta R.T. -0.01 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85412		
223	0.0	51.9	77.9#	
227	0.0	51.8	77.6#	





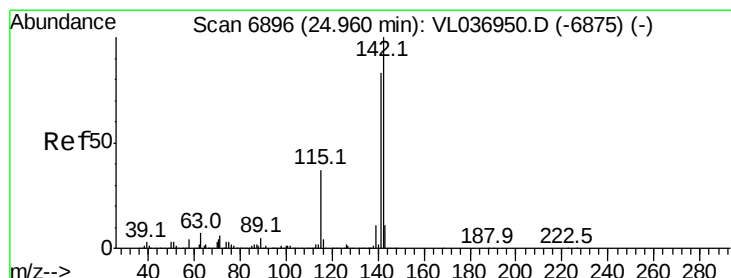
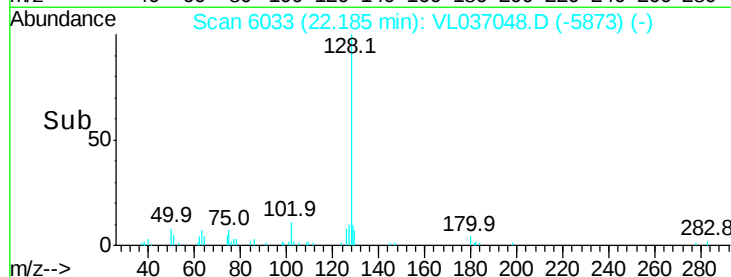
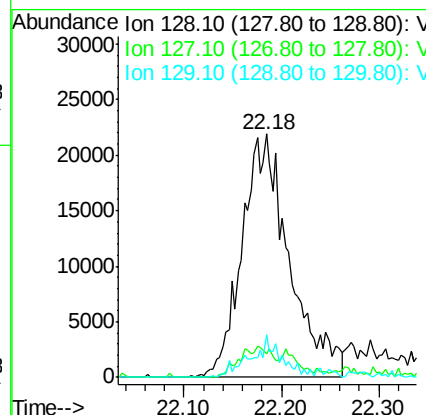
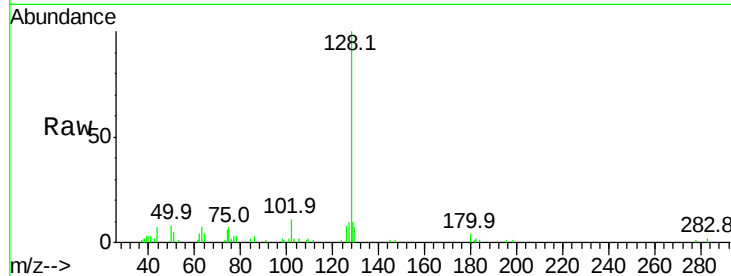
#79
Naphthalene
Concen: 0.224 ppbv m
RT: 22.18 min Scan# 6033
Delta R.T. 0.02 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.4	15.6#
129	10.3	9.0	13.6

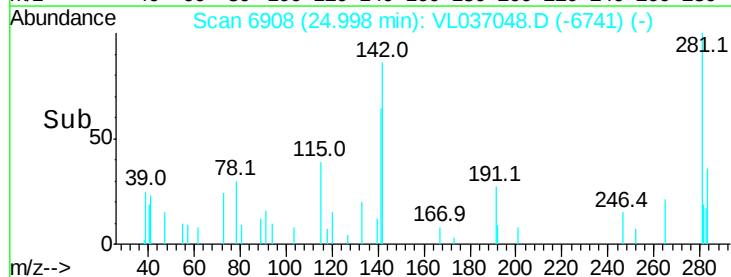
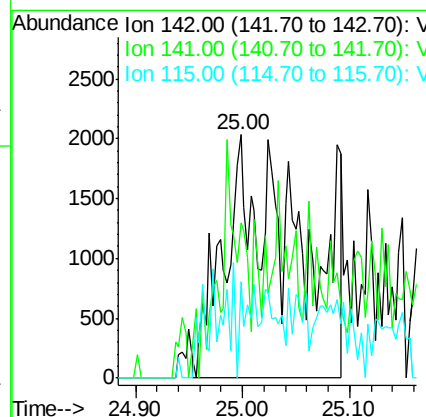
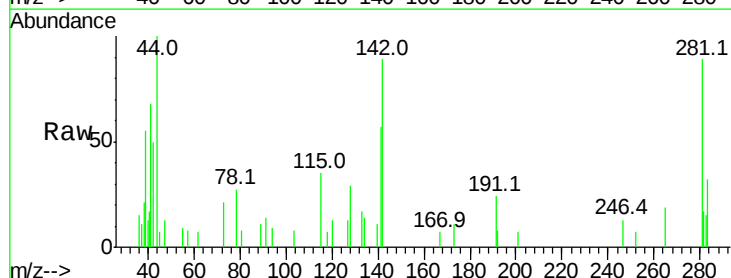
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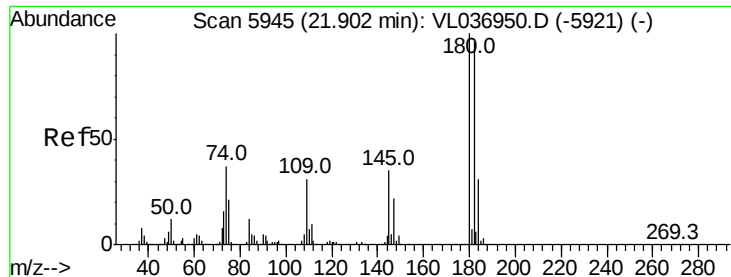
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#80
Naphthalene, 2-methyl-
Concen: 0.131 ppbv m
RT: 25.00 min Scan# 6908
Delta R.T. 0.04 min
Lab File: VL037048.D
Acq: 24 May 2021 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	37.3	69.3	103.9#
115	13.1	29.1	43.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.267 ppbv m
 RT: 21.91 min Scan# 5947
 Delta R.T. 0.01 min
 Lab File: VL037048.D
 Acq: 24 May 2021 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	0.0	81.7	122.5#
184	0.0	24.9	37.3#

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