

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041028.D
 Acq On : 25 Jan 2024 14:01
 Operator : SY/MD
 Sample : P1187-15 MDL 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 01:07:11 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Jan 26 01:06:47 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.179	49	1098929	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2698657	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2327918	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1790933 10.186 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	105053	0.433	ppbv	99
3) Chlorodifluoromethane	2.661	51	77523	0.419	ppbv	99
4) Chloromethane	2.803	50	27305	0.394	ppbv #	87
5) Vinyl Chloride	2.909	62	28665	0.422	ppbv	92
6) Bromomethane	3.108	94	12940	0.438	ppbv #	77
7) Chloroethane	3.192	64	10391	0.425	ppbv	97
8) Dichlorotetrafluoroethane	2.845	85	77783	0.429	ppbv	100
9) Propene	2.684	41	23186	0.382	ppbv	89
10) Heptane	7.568	43	50930	0.341	ppbv	94
11) Trichlorofluoromethane	3.549	101	80461	0.411	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.054	101	54944m	0.388	ppbv	
13) Ethanol	3.250	45	6921m	0.479	ppbv	
14) Bromoethene	3.353	108	20674m	0.380	ppbv	
15) Acetone	3.472	43	70088	0.499	ppbv	98
16) 1,3-Butadiene	2.973	39	25639m	0.381	ppbv	
17) tert-Butyl alcohol	3.886	59	41313m	0.358	ppbv	
18) 1,1-Dichloroethene	3.870	96	25861m	0.426	ppbv	
19) Isopropyl Alcohol	3.587	45	31094m	0.382	ppbv	
20) Methylene Chloride	3.928	84	24450m	0.452	ppbv	
21) Allyl Chloride	3.983	41	33392	0.391	ppbv	97
22) trans-1,2-Dichloroethene	4.433	96	24406m	0.391	ppbv	
23) Vinyl Acetate	4.626	43	48948m	0.338	ppbv	
24) 1,1-Dichloroethane	4.555	63	51876m	0.404	ppbv	
25) Ethyl Acetate	5.205	43	95678	0.375	ppbv #	96
26) Hexane	5.198	57	43359m	0.399	ppbv	
27) Carbon Disulfide	4.108	76	54765m	0.387	ppbv	
28) Methyl tert-Butyl Ether	4.591	73	31542	0.350	ppbv	94
29) Chloroform	5.259	83	78465	0.407	ppbv	99
30) Cyclohexane	6.587	84	27533m	0.303	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	43269m	0.424	ppbv	
32) 1,1,1-Trichloroethane	5.986	97	72148m	0.392	ppbv	
34) 2-Butanone	4.790	43	52694	0.410	ppbv	100
35) Carbon Tetrachloride	6.478	117	72541m	0.403	ppbv	
36) Benzene	6.362	78	84586m	0.380	ppbv	
37) 1,2-Dichloroethane	5.793	62	58473m	0.430	ppbv	
38) Trichloroethene	7.282	130	34667m	0.388	ppbv	
39) 1,2-Dichloropropane	7.063	63	37739	0.430	ppbv	93
40) 1,4-Dioxane	7.311	88	12226m	0.335	ppbv	
41) Tetrahydrofuran	5.568	42	33701m	0.386	ppbv	
42) Bromodichloromethane	7.234	83	79224	0.407	ppbv	87
43) Methyl Methacrylate	7.478	69	29231m	0.340	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	140331	0.374	ppbv	91
45) t-1,3-Dichloropropene	8.693	75	18085m	0.308	ppbv	

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 01:07:11 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 26 01:06:47 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	22922m	0.313	ppbv	
47) 1,1,2-Trichloroethane	8.883	97	38456m	0.406	ppbv	
48) Dibromochloromethane	9.696	129	55357m	0.346	ppbv	
49) Bromoform	12.394	173	41884	0.334	ppbv	98
50) 4-Methyl-2-Pentanone	8.195	43	79983m	0.353	ppbv	
51) 2-Hexanone	9.565	43	50721m	0.311	ppbv	
52) Tetrachloroethene	10.610	164	29587m	0.400	ppbv	
53) Toluene	9.211	91	81828m	0.335	ppbv	
54) 1,2-Dibromoethane	9.992	107	47649m	0.372	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.494	131	48098	0.431	ppbv #	1
57) Chlorobenzene	11.513	112	81536	0.435	ppbv	94
58) Ethyl Benzene	12.076	91	105172	0.336	ppbv	97
59) m/p-Xylene	12.362	91	191015m	0.701	ppbv	
60) o-Xylene	13.050	91	95421m	0.365	ppbv	
61) Styrene	12.892	104	34522m	0.288	ppbv	
62) Isopropylbenzene	14.015	105	146245	0.378	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.031	83	86485m	0.426	ppbv	
64) n-propylbenzene	14.908	120	32245	0.330	ppbv	70
65) tert-Butylbenzene	16.082	119	125718m	0.372	ppbv	
66) Benzyl Chloride	16.317	91	10004m	0.452	ppbv	
67) sec-Butylbenzene	16.625	105	176143	0.358	ppbv	100
69) p-Isopropyltoluene	16.986	119	128510m	0.337	ppbv	
70) n-Butylbenzene	17.883	91	128645	0.312	ppbv	99
71) 2-Chlorotoluene	14.786	91	106686m	0.358	ppbv	
72) 4-Ethyltoluene	15.191	105	96954m	0.332	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	91256m	0.352	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	110856m	0.377	ppbv	
75) 1,3-Dichlorobenzene	16.320	146	66589m	0.398	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	66978m	0.406	ppbv	
77) 1,2-Dichlorobenzene	17.133	146	62311m	0.375	ppbv	
78) Hexachloro-1,3-Butadiene	22.619	225	46414m	0.433	ppbv	
79) Naphthalene	21.394	128	43751m	0.261	ppbv	
80) Naphthalene,2-methyl-	24.435	142	5889m	0.200	ppbv	
81) 1,2,4-Trichlorobenzene	21.130	180	30271m	0.310	ppbv	

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

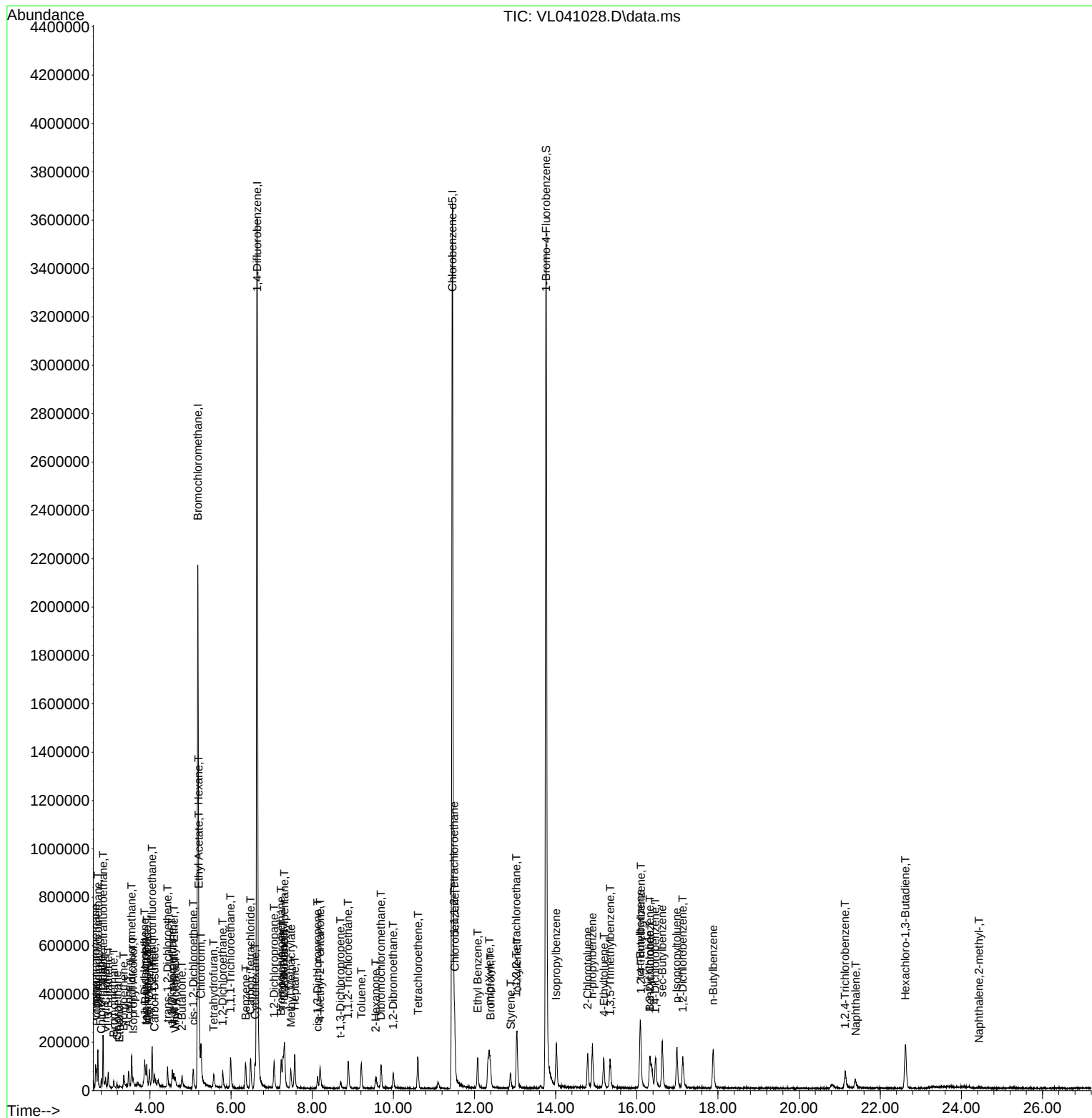
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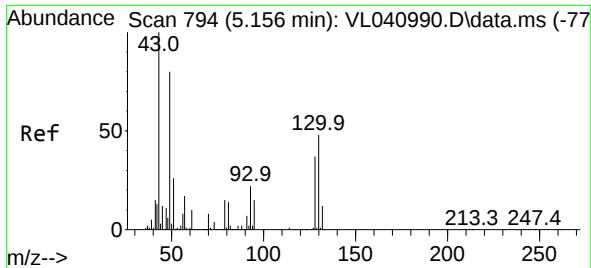
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

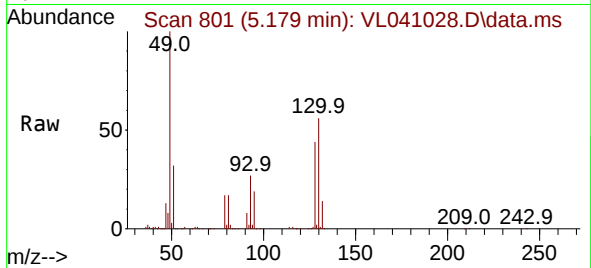
Quant Time: Jan 26 01:07:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Jan 26 01:06:47 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

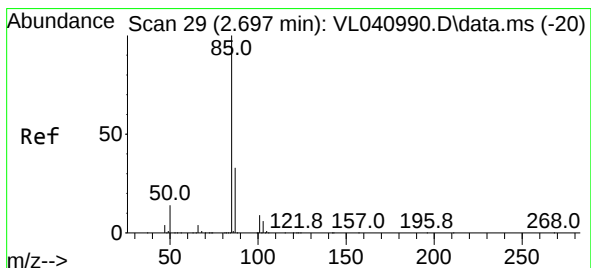
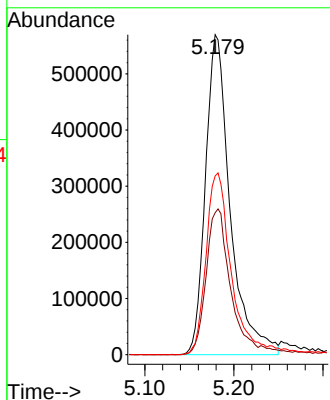
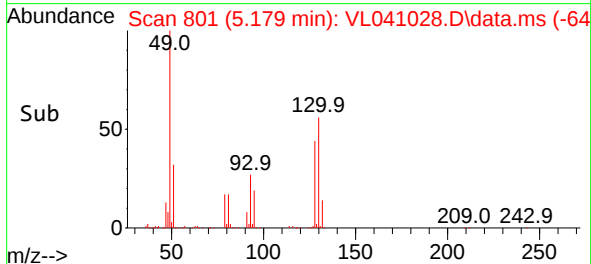
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 49 Resp: 1098929
Ion Ratio Lower Upper
49 100
128 46.8 23.9 71.7
130 60.3 31.1 93.5

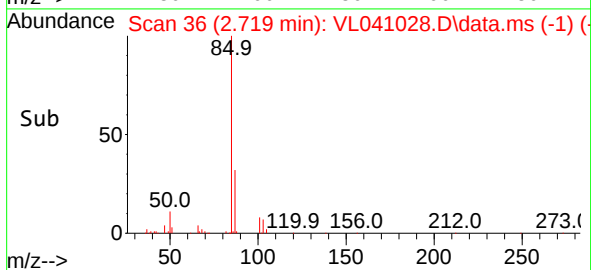
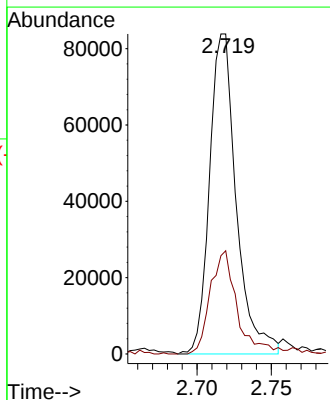
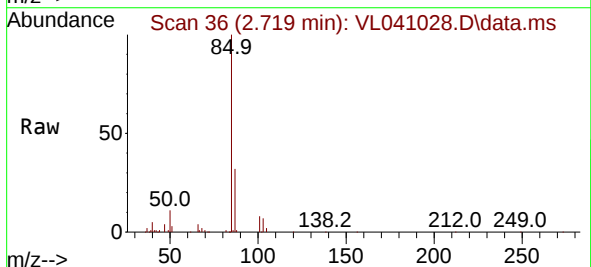
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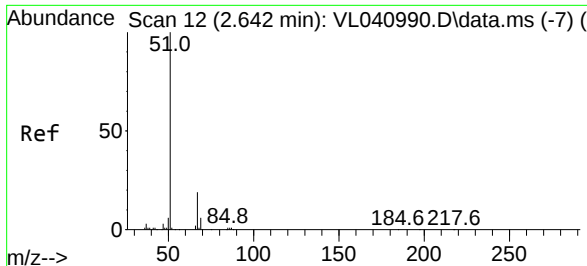
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#2
Dichlorodifluoromethane
Concen: 0.433 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

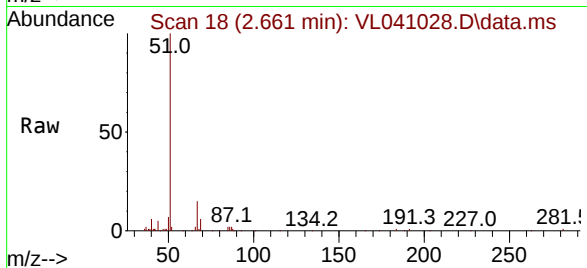
Tgt Ion: 85 Resp: 105053
Ion Ratio Lower Upper
85 100
87 32.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.419 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

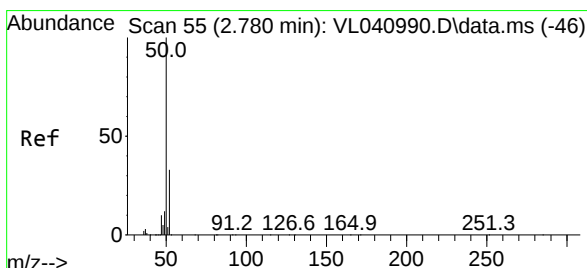
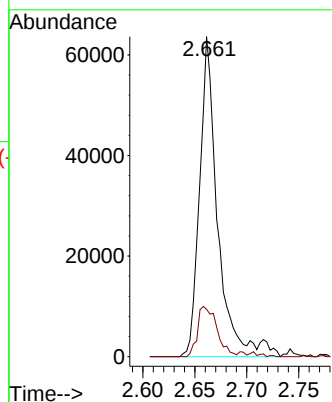
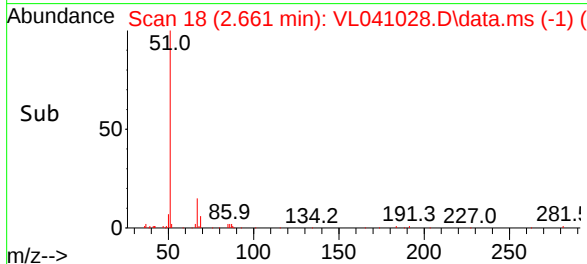
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 51 Resp: 7752
Ion Ratio Lower Upper
51 100
67 18.1 14.8 22.2

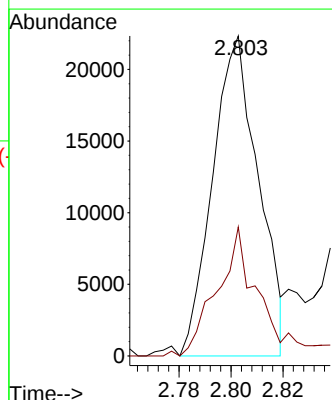
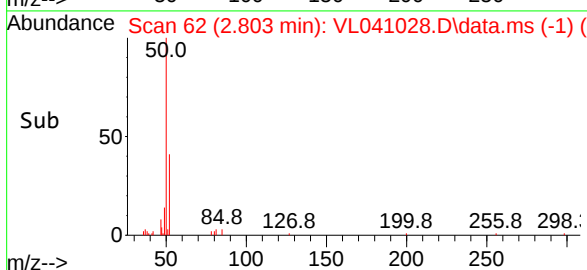
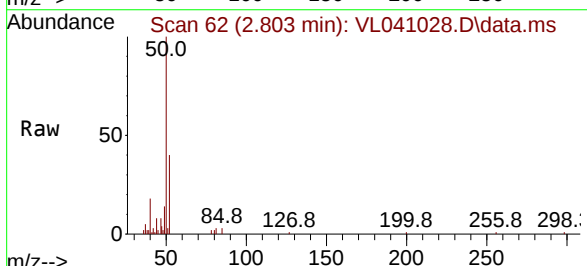
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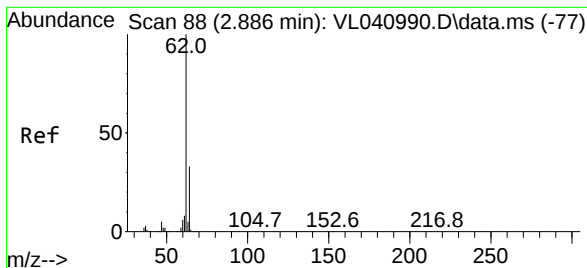
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#4
Chloromethane
Concen: 0.394 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

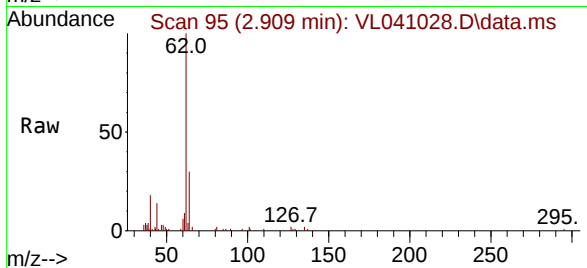
Tgt Ion: 50 Resp: 27305
Ion Ratio Lower Upper
50 100
52 40.3 26.2 39.4





#5
 Vinyl Chloride
 Concen: 0.422 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

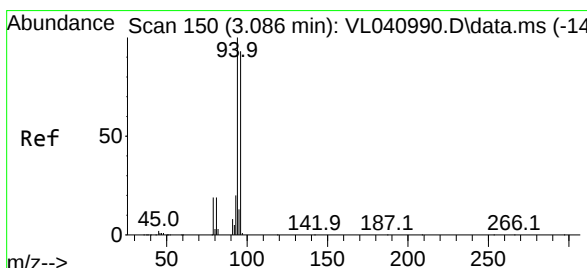
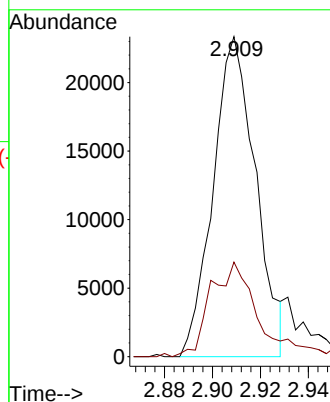
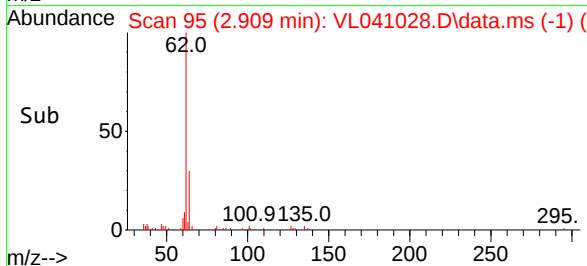
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL



Tgt Ion: 62 Resp: 2866
 Ion Ratio Lower Upper
 62 100
 64 28.6 26.6 40.0

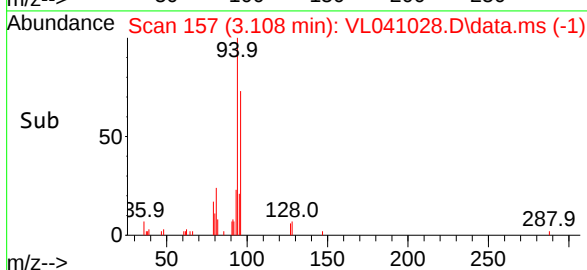
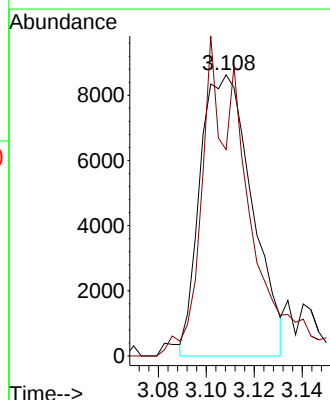
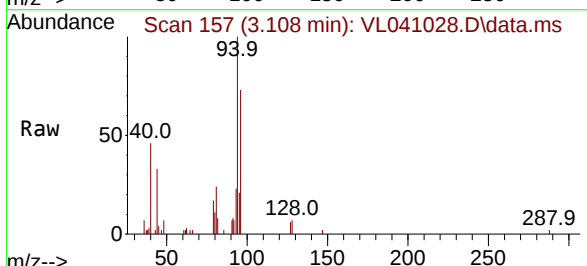
Manual Integrations
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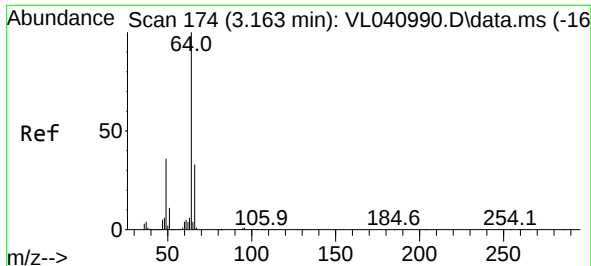
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#6
 Bromomethane
 Concen: 0.438 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Tgt Ion: 94 Resp: 12940
 Ion Ratio Lower Upper
 94 100
 96 71.0 74.2 111.4#





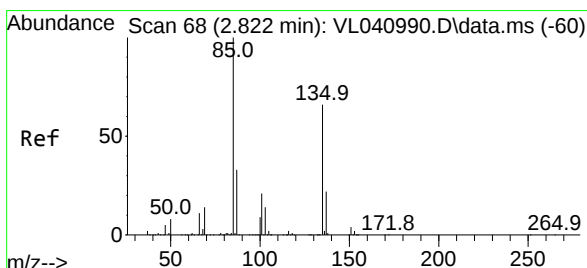
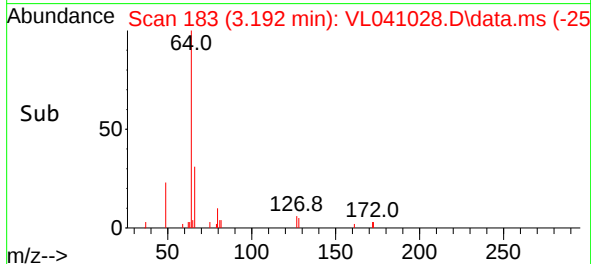
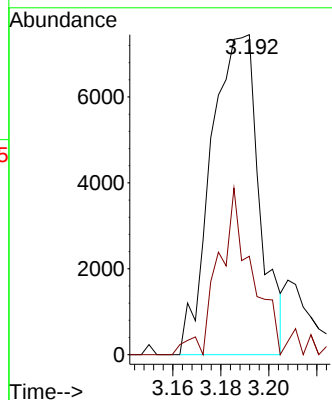
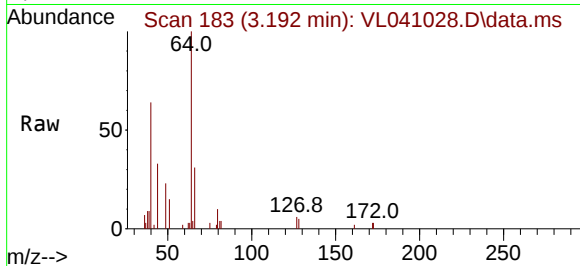
#7
Chloroethane
Concen: 0.425 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion: 64 Resp: 1039
Ion Ratio Lower Upper
64 100
66 30.7 26.0 39.0

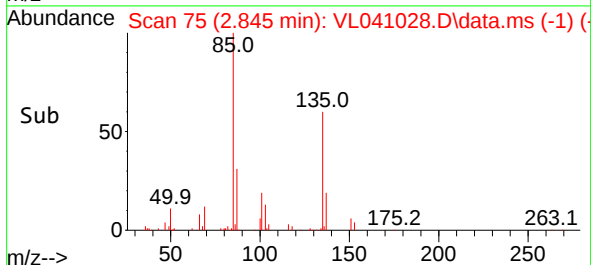
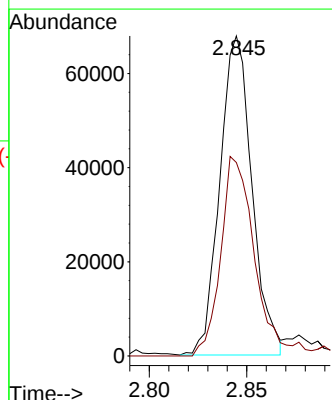
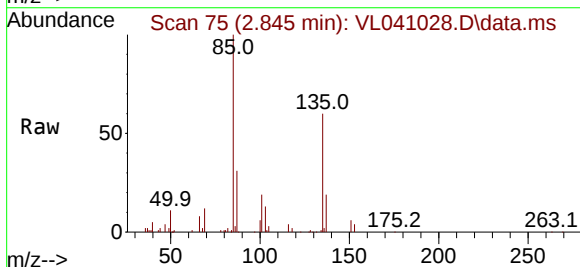
Manual Integrations
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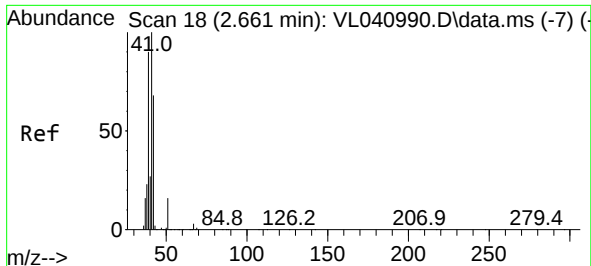
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#8
Dichlorotetrafluoroethane
Concen: 0.429 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

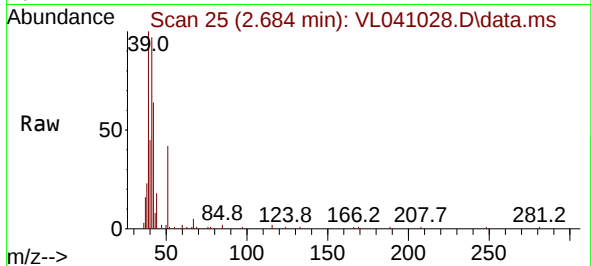
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Ion Ratio Lower Upper
85 100
135 68.8 55.0 82.6





#9
 Propene
 Concen: 0.382 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

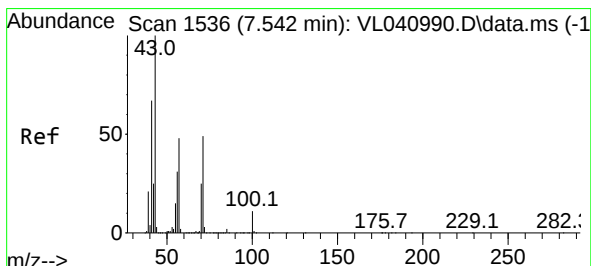
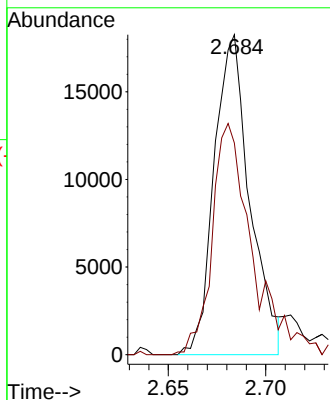
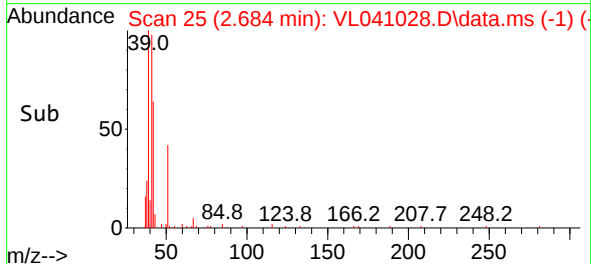
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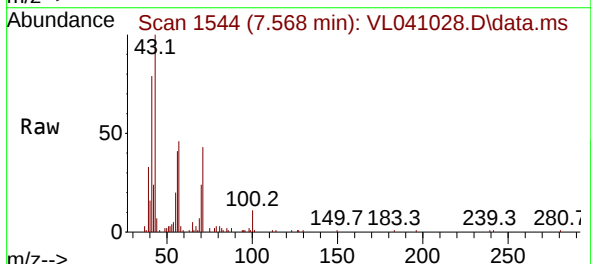
Tgt Ion: 41 Resp: 23180
 Ion Ratio Lower Upper
 41 100
 42 83.0 59.0 88.4

Manual Integrations
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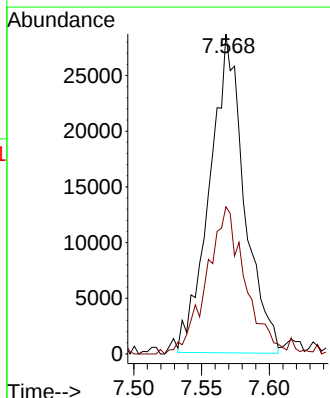
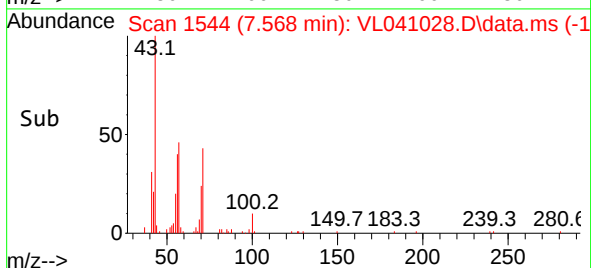
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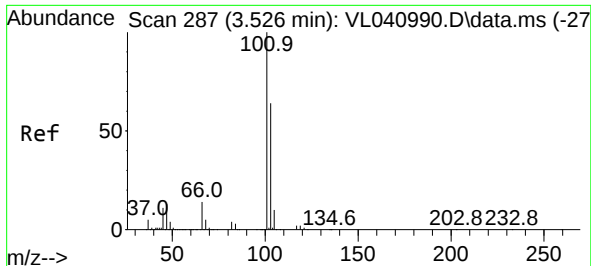


#10
 Heptane
 Concen: 0.341 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01



Tgt Ion: 43 Resp: 50930
 Ion Ratio Lower Upper
 43 100
 57 53.2 39.4 59.2





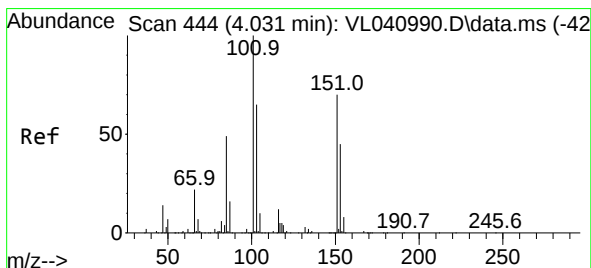
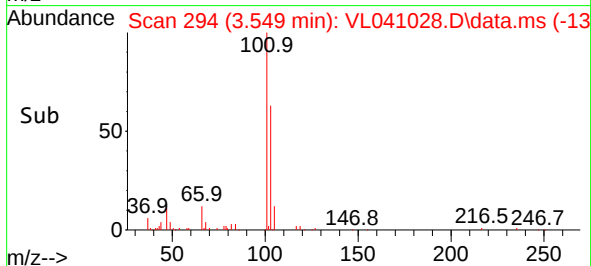
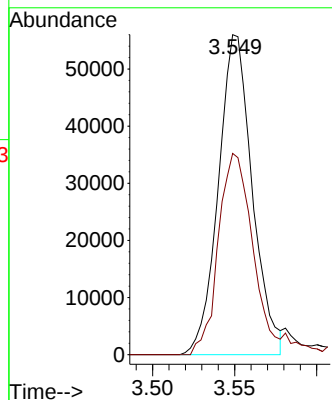
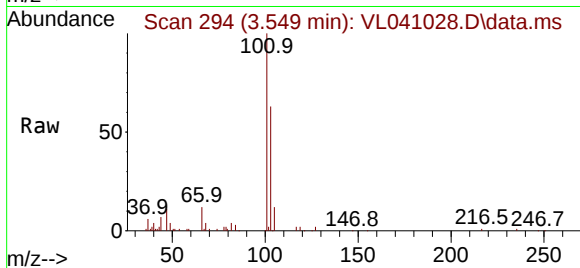
#11
 Trichlorofluoromethane
 Concen: 0.411 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. -0.000 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL

Tgt Ion:101 Resp: 8046
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.2

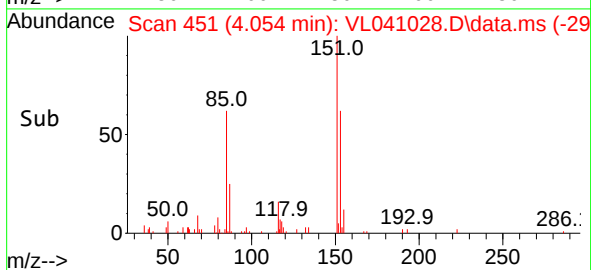
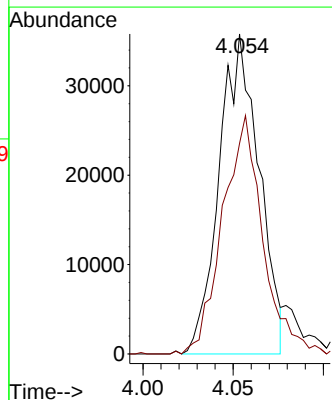
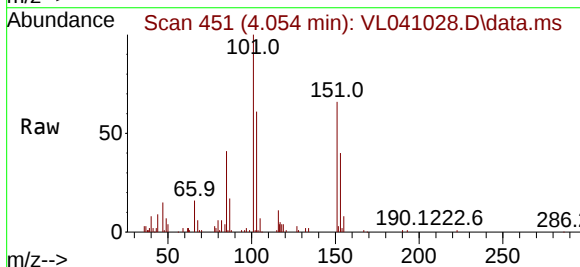
Manual Integrations
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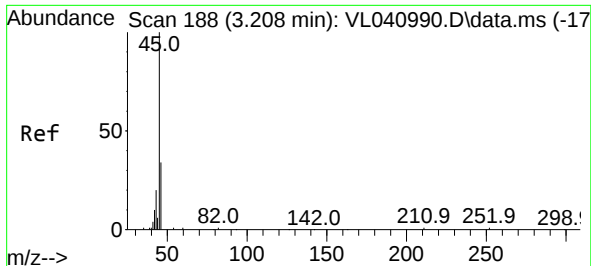
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.388 ppbv m
 RT: 4.054 min Scan# 451
 Delta R.T. -0.000 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Tgt Ion:101 Resp: 54944
 Ion Ratio Lower Upper
 101 100
 151 75.2 56.6 85.0





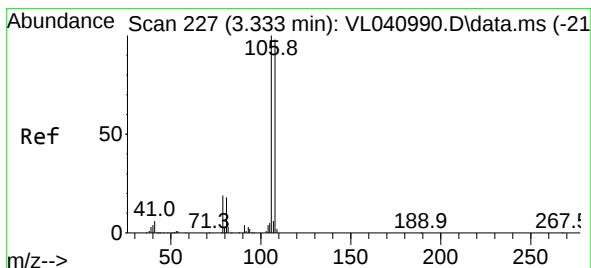
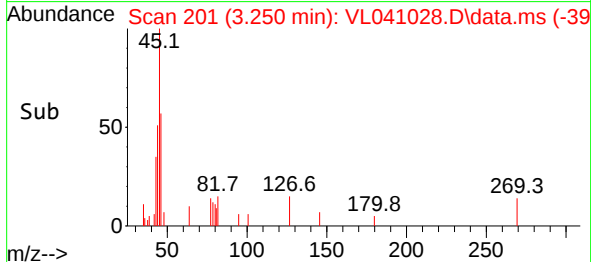
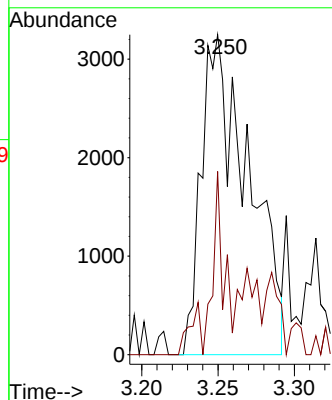
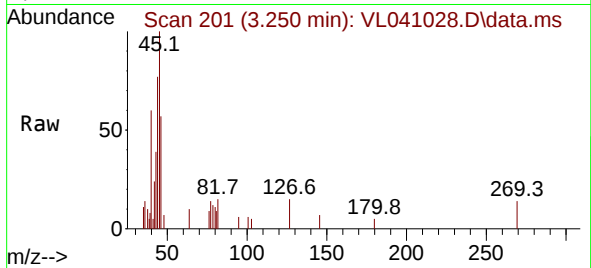
#13
Ethanol
Concen: 0.479 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.022 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion: 45 Resp: 692
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.8

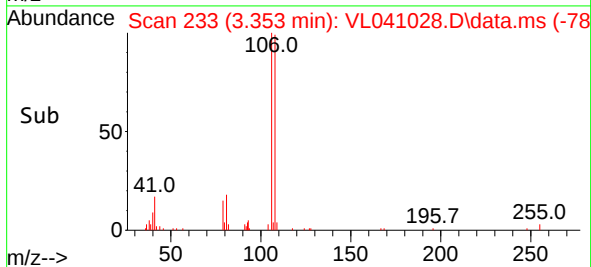
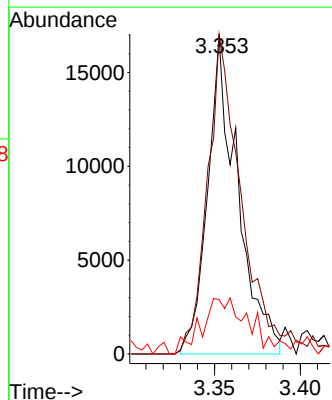
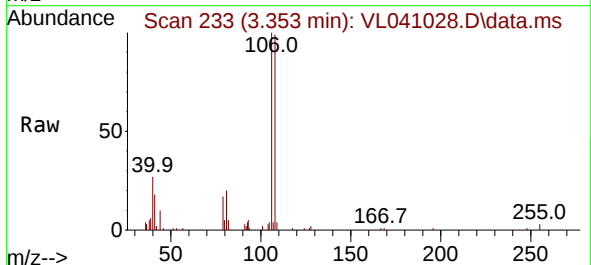
Manual Integrations
APPROVED

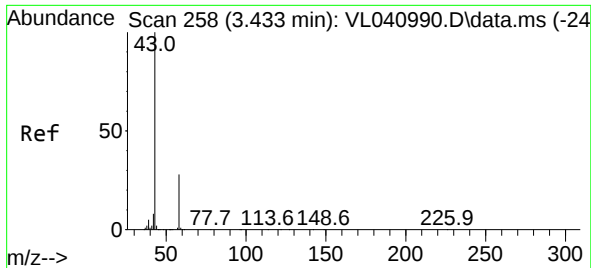
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#14
Bromoethene
Concen: 0.380 ppbv m
RT: 3.353 min Scan# 233
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

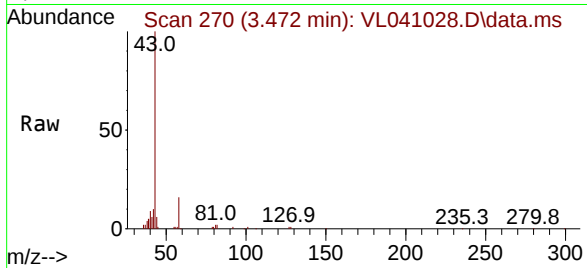
Tgt Ion:108 Resp: 20674
Ion Ratio Lower Upper
108 100
106 0.0 86.4 129.6#
79 30.8 16.2 24.4#





#15
Acetone
Concen: 0.499 ppbv
RT: 3.472 min Scan# 211
Delta R.T. 0.016 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

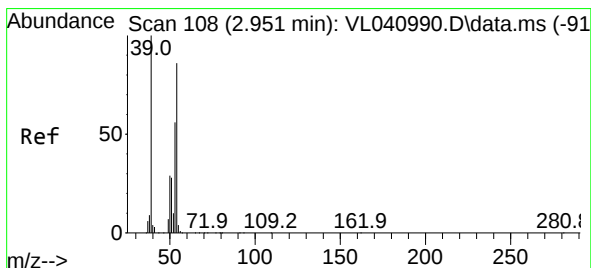
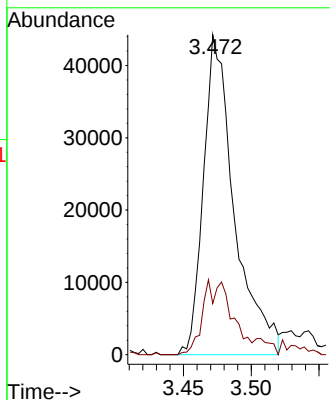
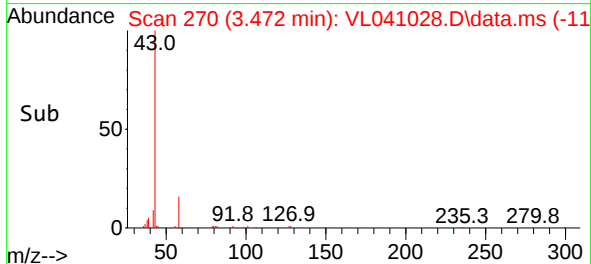
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



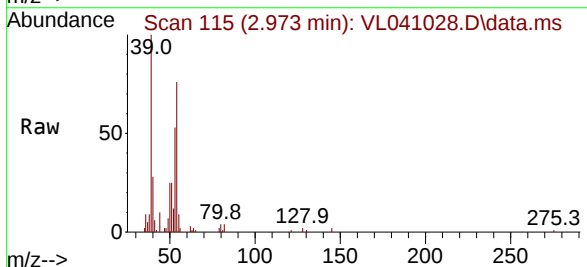
Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
58 26.9 22.2 33.2

Manual Integrations
APPROVED

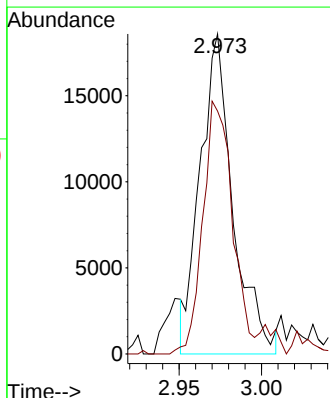
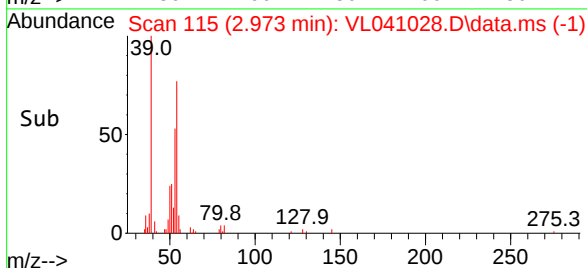
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

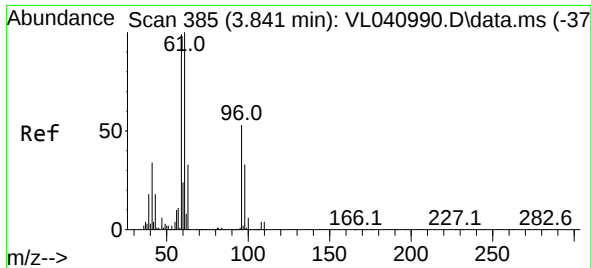


#16
1,3-Butadiene
Concen: 0.381 ppbv m
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



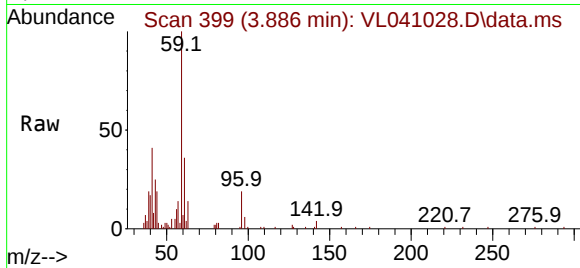
Tgt Ion: 39 Resp: 25639
Ion Ratio Lower Upper
39 100
54 81.1 62.7 94.1





#17
tert-Butyl alcohol
Concen: 0.358 ppbv m
RT: 3.886 min Scan# 399
Delta R.T. 0.022 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

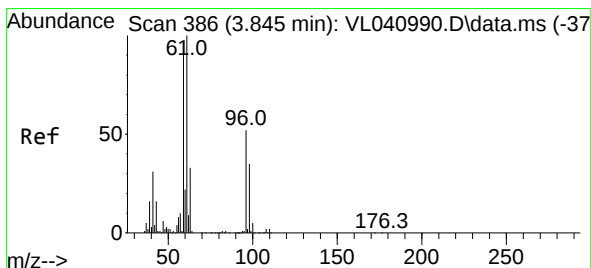
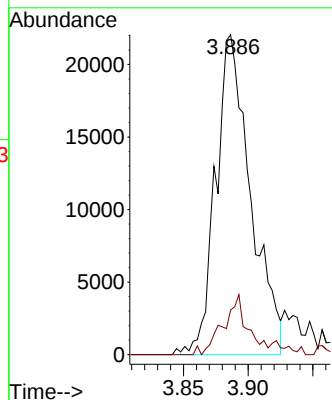
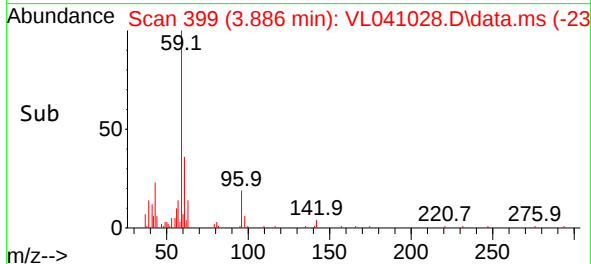
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



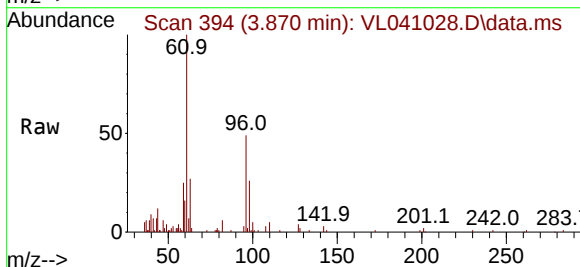
Tgt Ion: 59 Resp: 4131
Ion Ratio Lower Upper
59 100
57 15.1 8.7 13.1

Manual Integrations
APPROVED

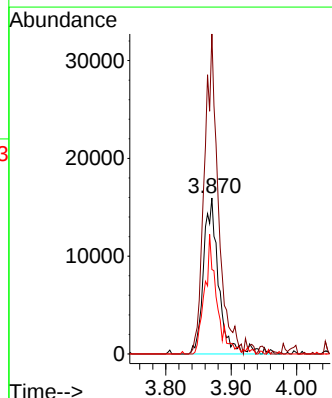
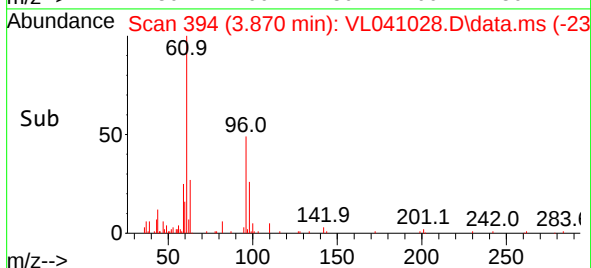
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

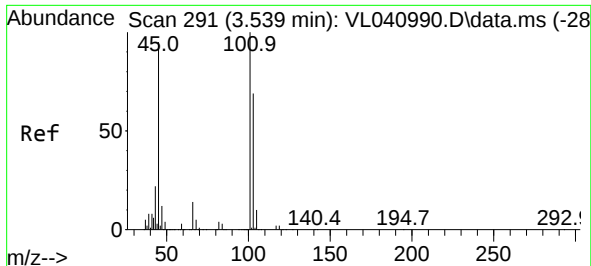


#18
1,1-Dichloroethene
Concen: 0.426 ppbv m
RT: 3.870 min Scan# 394
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



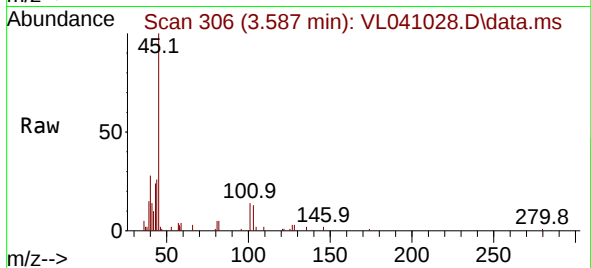
Tgt Ion: 96 Resp: 25861
Ion Ratio Lower Upper
96 100
61 205.1 153.8 230.8
98 54.1 53.7 80.5





#19
Isopropyl Alcohol
Concen: 0.382 ppbv m
RT: 3.587 min Scan# 306
Delta R.T. 0.026 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

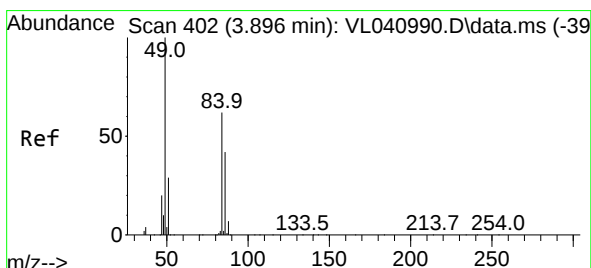
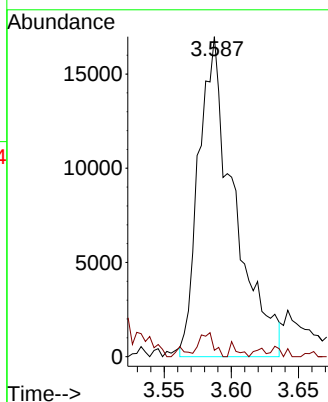
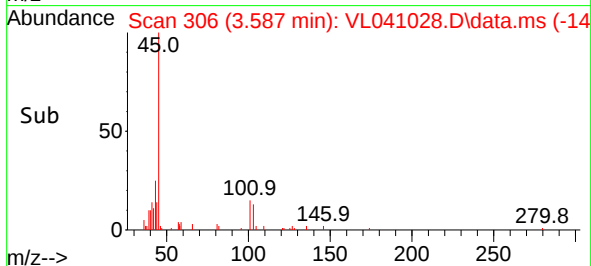
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 45 Resp: 31094
Ion Ratio Lower Upper
45 100
58 6.6 2.2 3.4

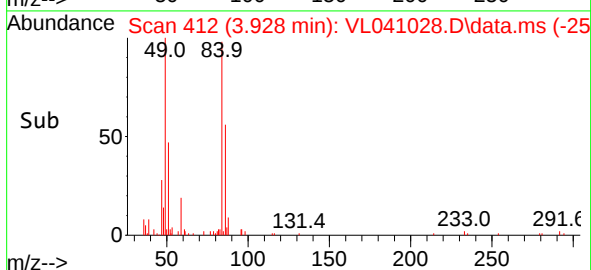
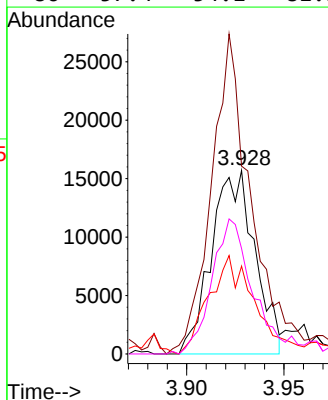
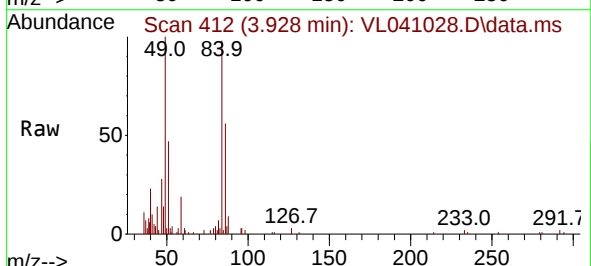
Manual Integrations
APPROVED

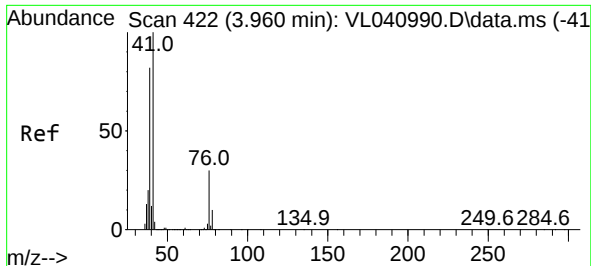
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#20
Methylene Chloride
Concen: 0.452 ppbv m
RT: 3.928 min Scan# 412
Delta R.T. 0.010 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

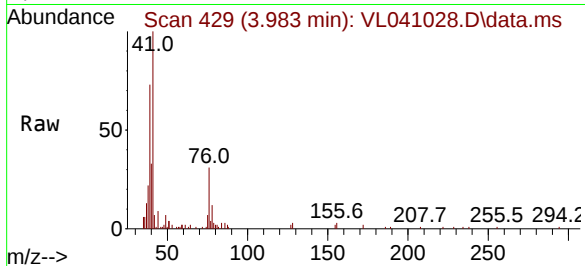
Tgt Ion: 84 Resp: 24450
Ion Ratio Lower Upper
84 100
49 102.3 128.1 192.1#
51 47.8 36.5 54.7
86 57.4 54.1 81.1





#21
 Allyl Chloride
 Concen: 0.391 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

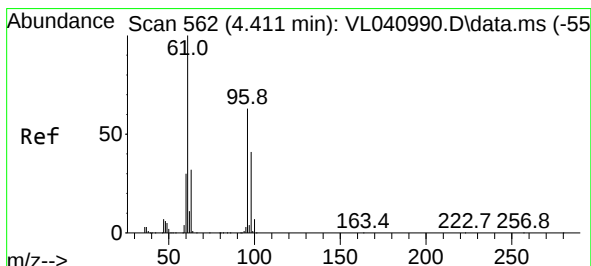
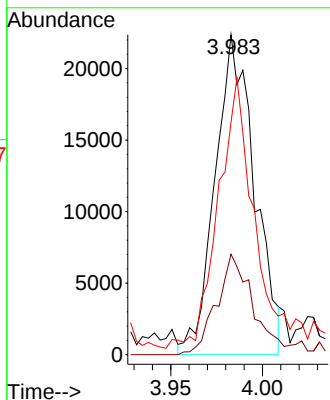
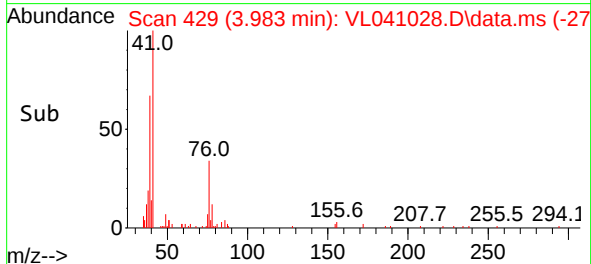
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL



Tgt Ion: 41 Resp: 33392
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.0 37.4
 39 87.6 67.0 100.6

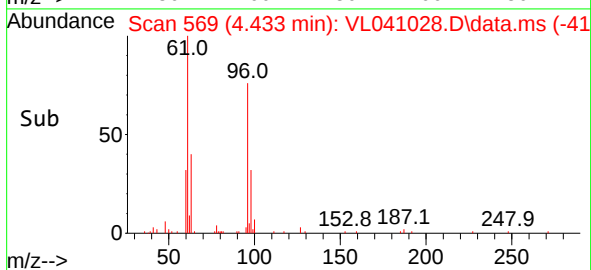
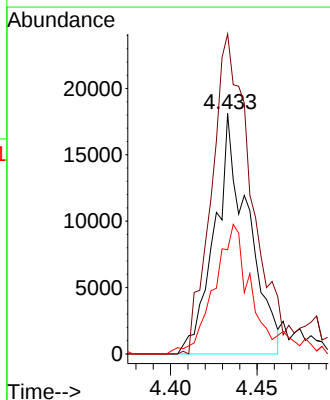
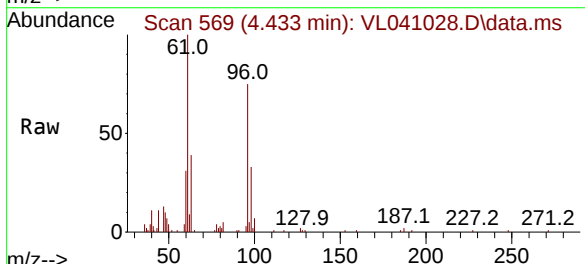
Manual Integrations
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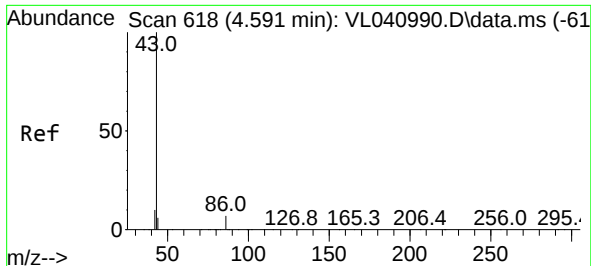
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.391 ppbv m
 RT: 4.433 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

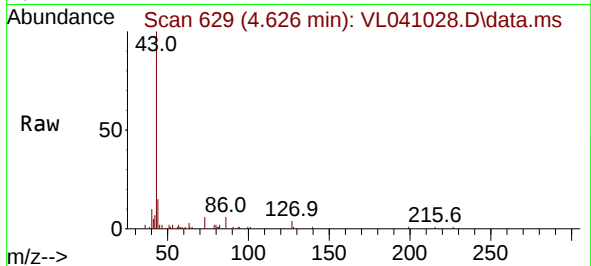
Tgt Ion: 96 Resp: 24406
 Ion Ratio Lower Upper
 96 100
 61 133.0 126.0 189.0
 98 43.4 51.2 76.8#





#23
 Vinyl Acetate
 Concen: 0.338 ppbv m
 RT: 4.626 min Scan# 618
 Delta R.T. 0.013 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

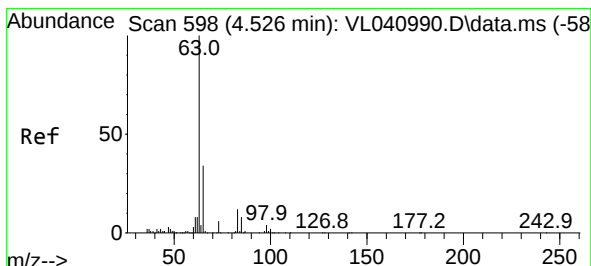
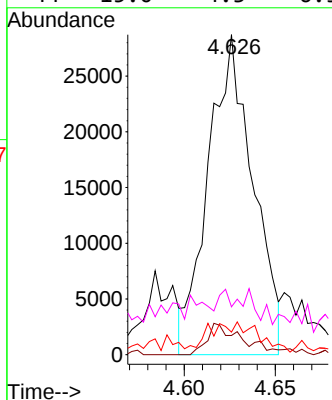
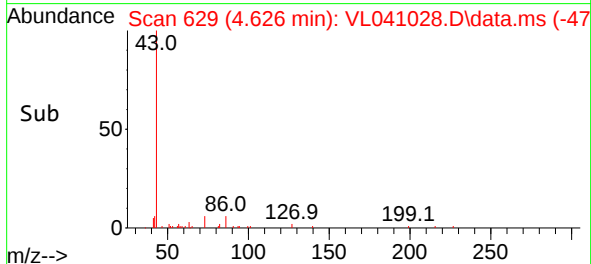
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL



Tgt Ion: 43 Resp: 48948
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.4 8.0
 42 7.0 8.6 13.0
 44 15.0 4.3 6.5#

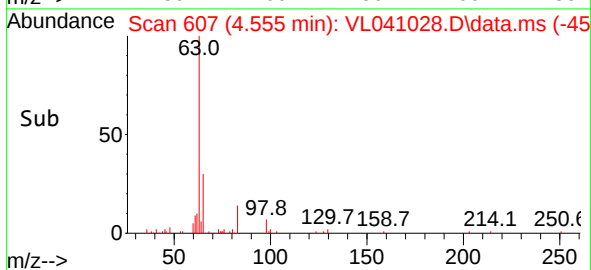
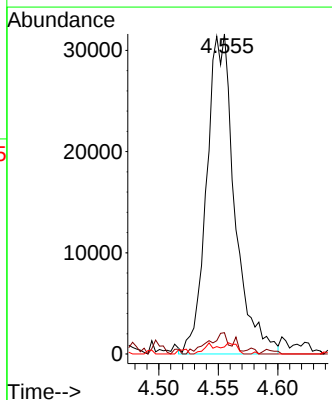
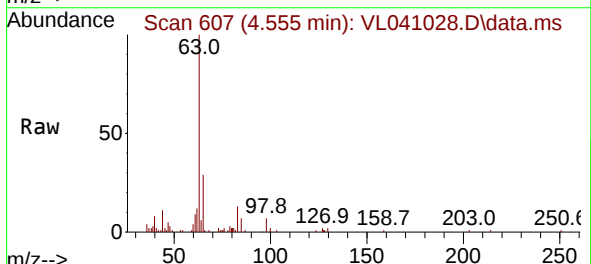
Manual Integrations
 APPROVED

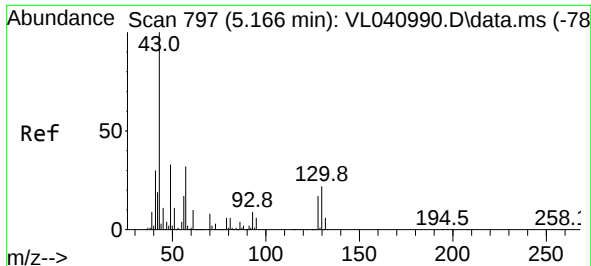
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#24
 1,1-Dichloroethane
 Concen: 0.404 ppbv m
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Tgt Ion: 63 Resp: 51876
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.1 6.3#
 100 2.2 1.3 3.9





#25

Ethyl Acetate

Concen: 0.375 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.013 min

Lab File: VL041028.D

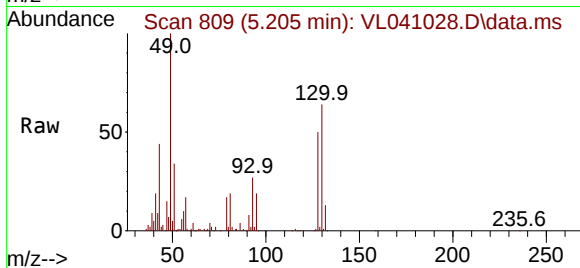
Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

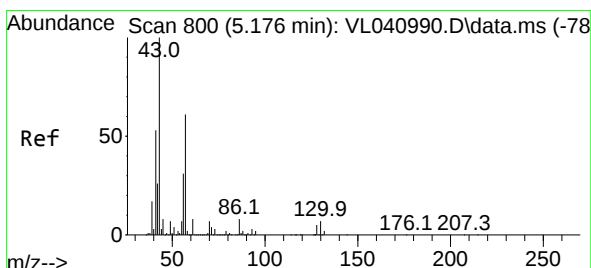
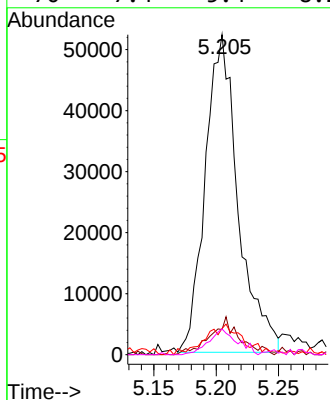
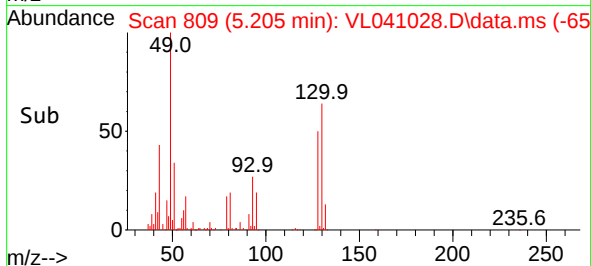
MDL-AIR-03-QT1-2024DL



Tgt Ion: 43	Resp: 95678
Ion Ratio	Lower Upper
43 100	
45 11.5	8.2 12.4
61 12.2	7.9 11.9
70 7.4	5.4 8.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#26

Hexane

Concen: 0.399 ppbv m

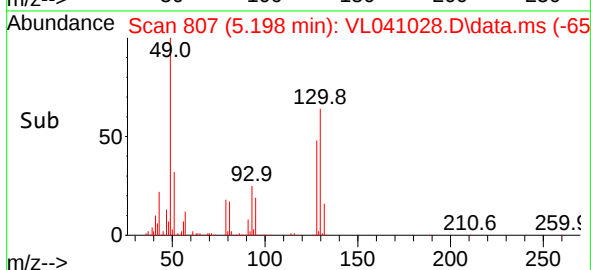
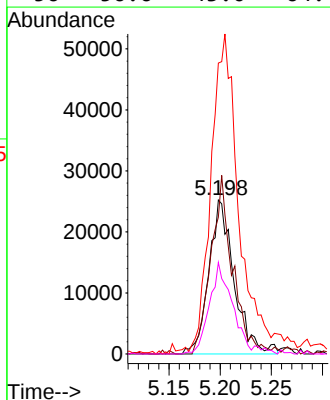
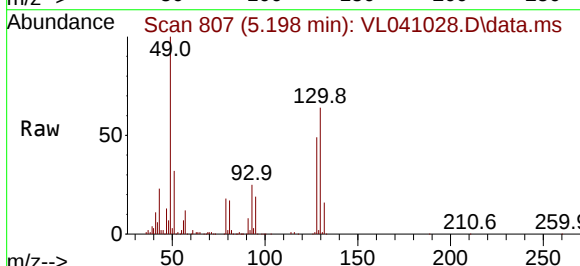
RT: 5.198 min Scan# 807

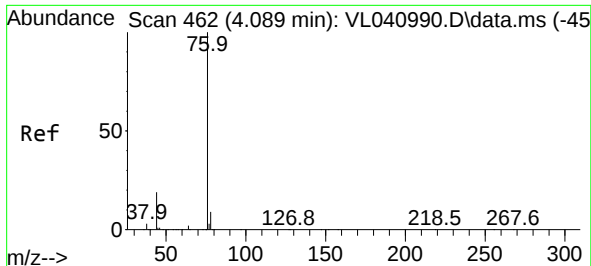
Delta R.T. -0.003 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

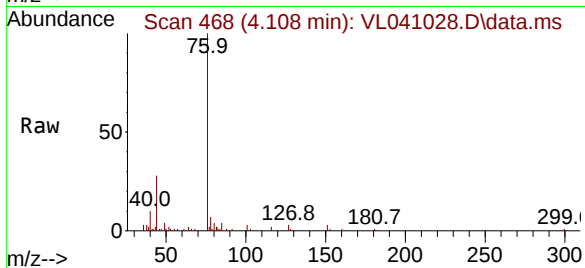
Tgt Ion: 57	Resp: 43359
Ion Ratio	Lower Upper
57 100	
41 103.2	74.4 111.6
43 234.6	190.6 285.8
56 56.6	43.0 64.4





#27
Carbon Disulfide
Concen: 0.387 ppbv m
RT: 4.108 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

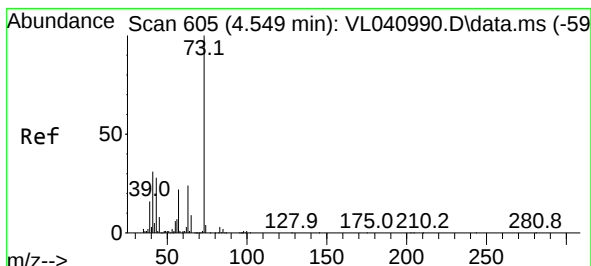
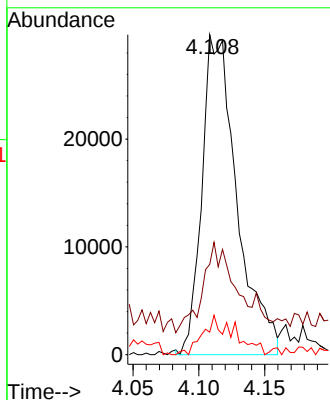
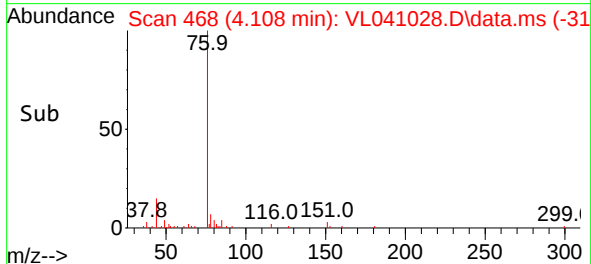
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 76 Resp: 5476
Ion Ratio Lower Upper
76 100
44 32.8 16.0 24.0
78 11.0 7.8 11.8

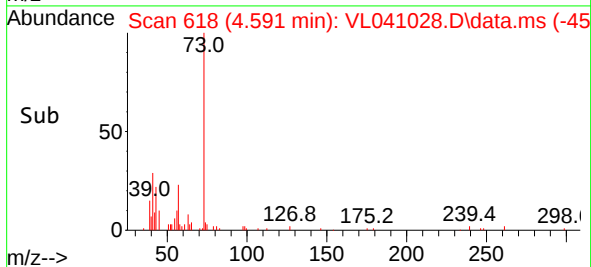
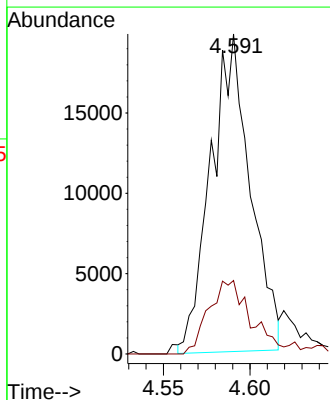
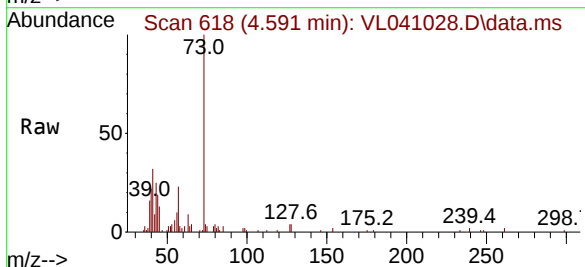
Manual Integrations
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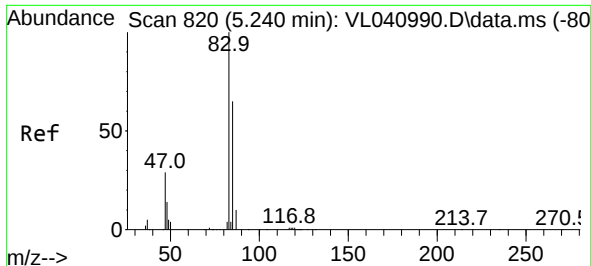
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#28
Methyl tert-Butyl Ether
Concen: 0.350 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.019 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion: 73 Resp: 31542
Ion Ratio Lower Upper
73 100
57 25.4 18.0 27.0





#29

Chloroform

Concen: 0.407 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2024DL

Tgt Ion: 83 Resp: 7846

Ion Ratio Lower Upper

83 100

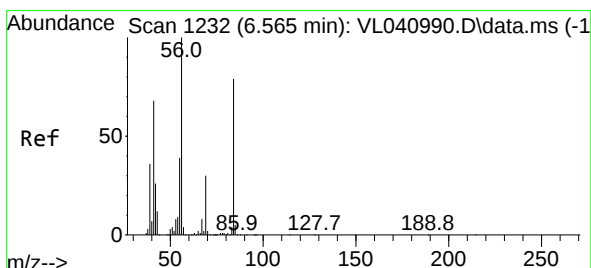
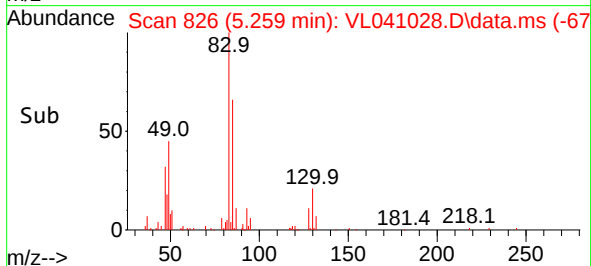
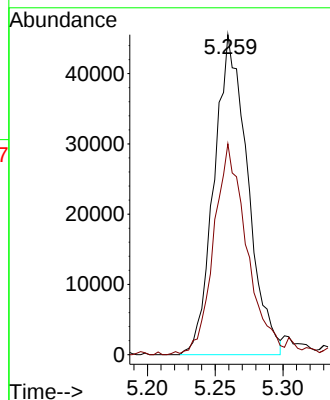
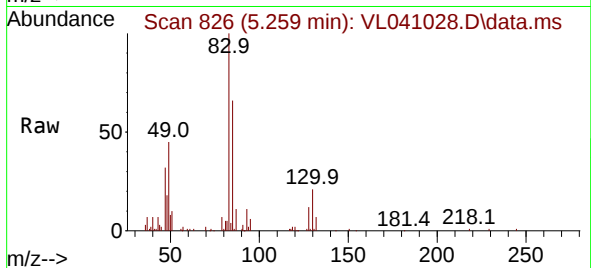
85 65.5 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#30

Cyclohexane

Concen: 0.303 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

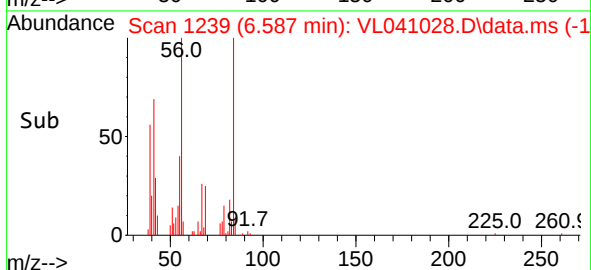
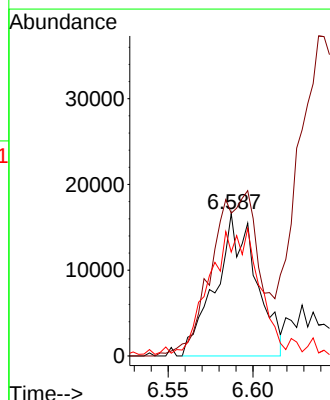
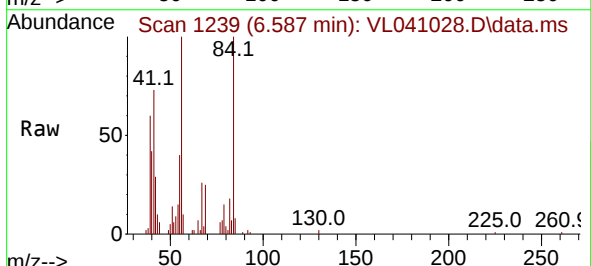
Tgt Ion: 84 Resp: 27533

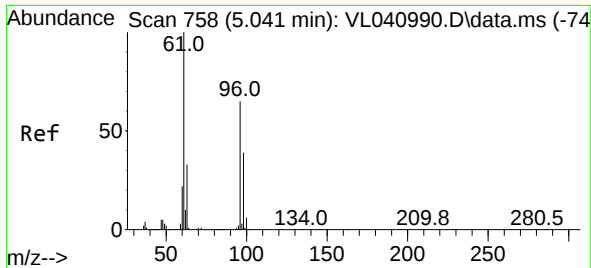
Ion Ratio Lower Upper

84 100

56 0.0 111.7 167.5#

41 0.0 71.0 106.6#





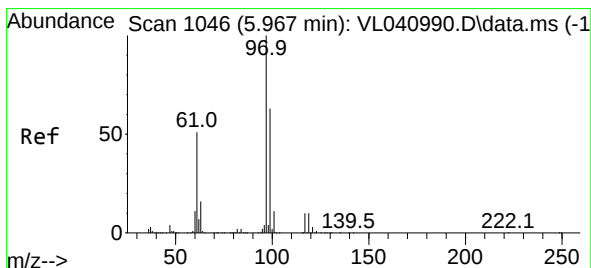
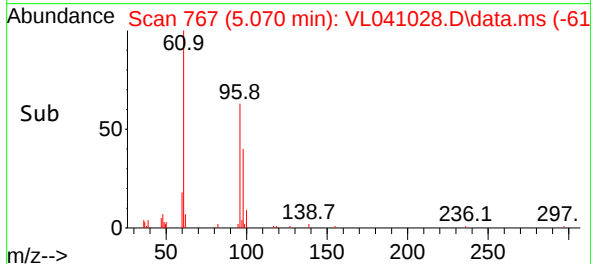
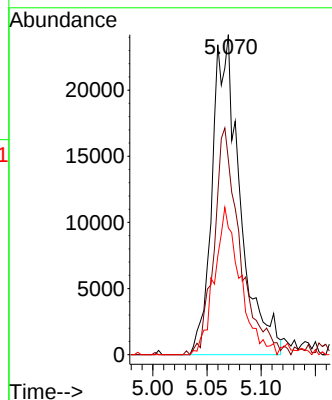
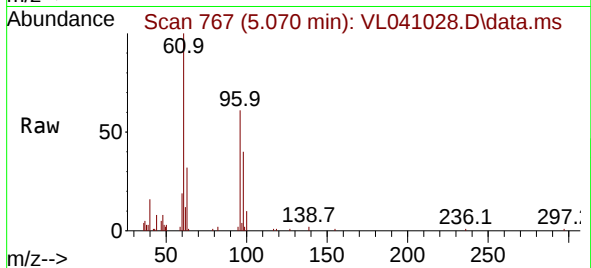
#31
 cis-1,2-Dichloroethene
 Concen: 0.424 ppbv m
 RT: 5.070 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL

Tgt Ion: 61 Resp: 43269
 Ion Ratio Lower Upper
 61 100
 96 60.9 51.9 77.9
 98 39.6 31.5 47.3

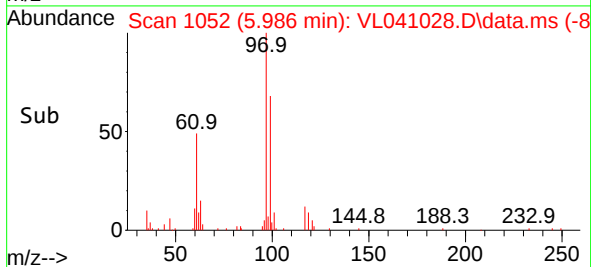
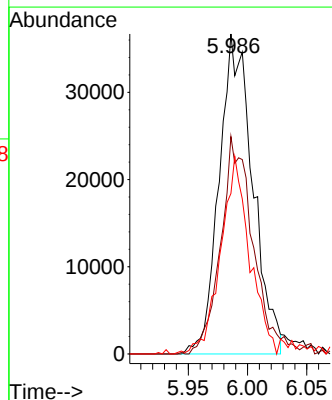
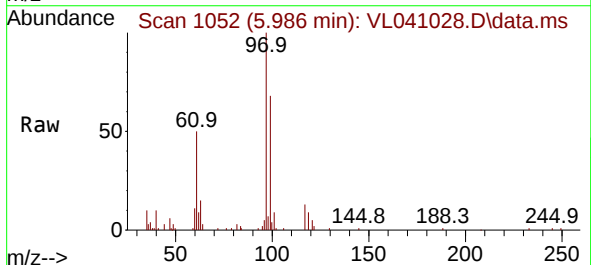
Manual Integrations
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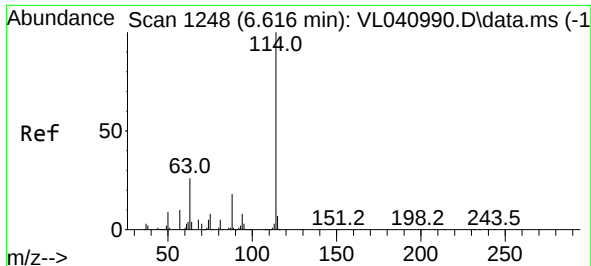
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.392 ppbv m
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

Tgt Ion: 97 Resp: 72148
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 0.0 40.3 60.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2024DL

Tgt Ion:114 Resp: 269865

Ion Ratio Lower Upper

114 100

63 26.2 20.8 31.2

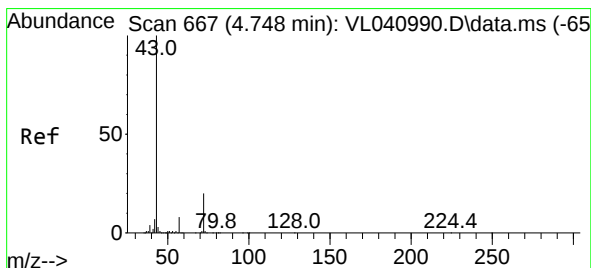
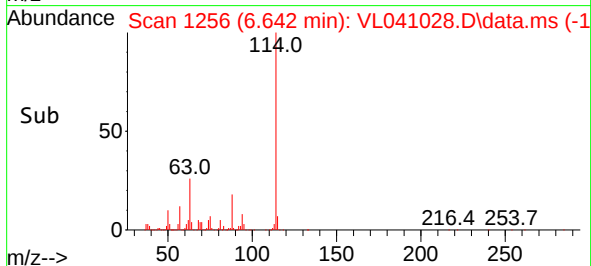
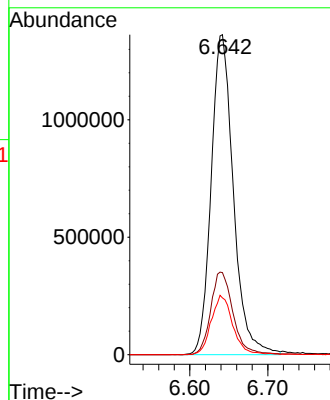
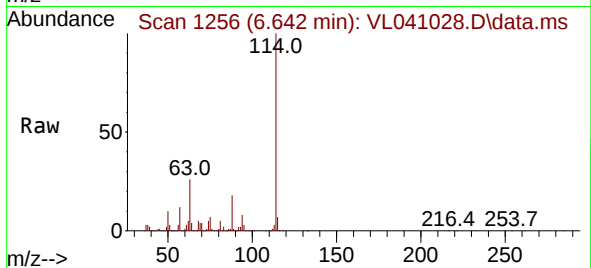
88 18.2 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#34

2-Butanone

Concen: 0.410 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL041028.D

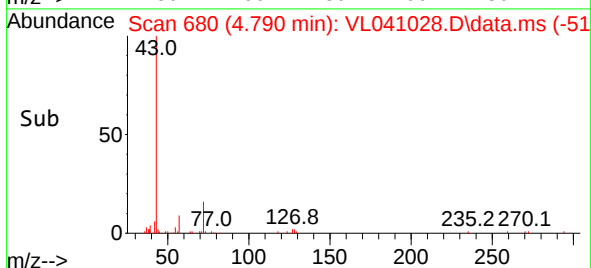
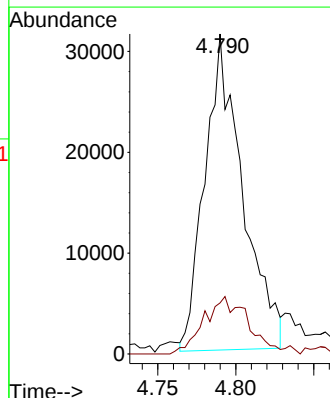
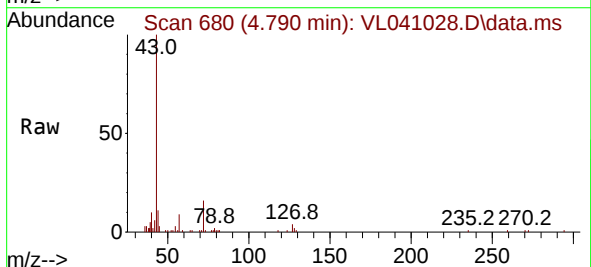
Acq: 25 Jan 2024 14:01

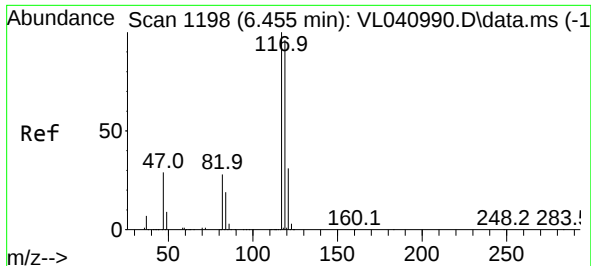
Tgt Ion: 43 Resp: 52694

Ion Ratio Lower Upper

43 100

72 21.7 17.5 26.3





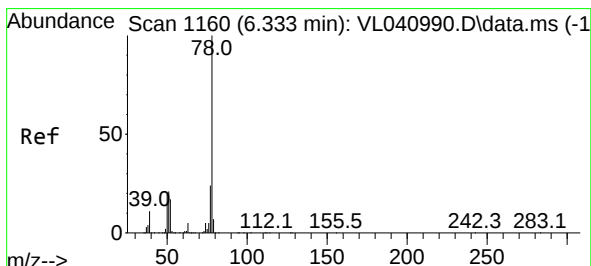
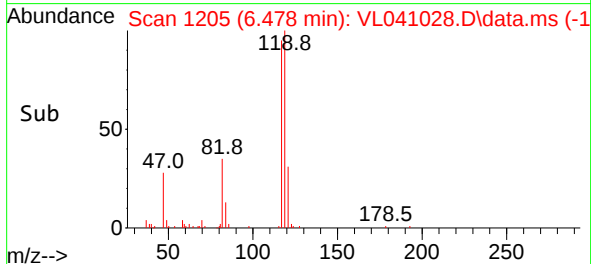
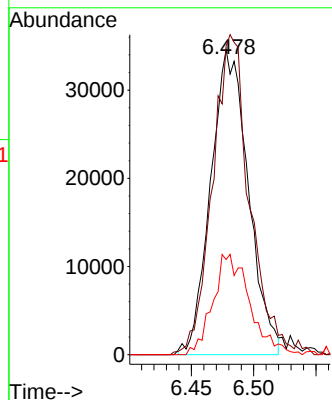
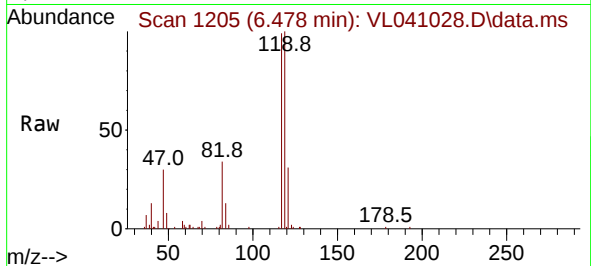
#35
Carbon Tetrachloride
Concen: 0.403 ppbv m
RT: 6.478 min Scan# 1198
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT1-2024DL

Tgt Ion: 117 Resp: 7254
Ion Ratio Lower Upper
117 100
119 101.1 76.9 115.3
121 31.2 24.7 37.1

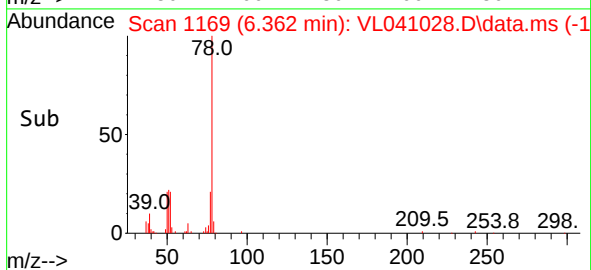
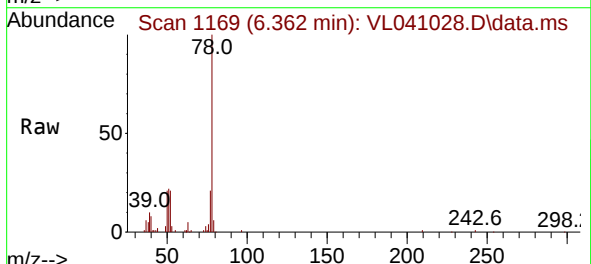
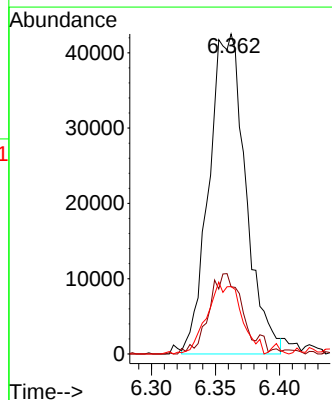
Manual Integrations
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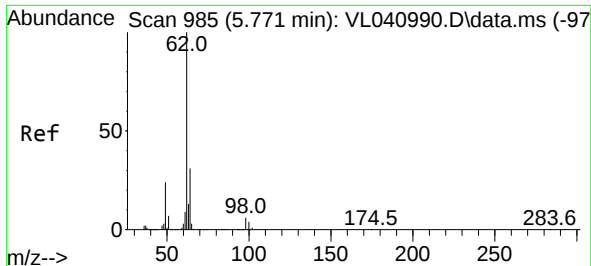
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#36
Benzene
Concen: 0.380 ppbv m
RT: 6.362 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

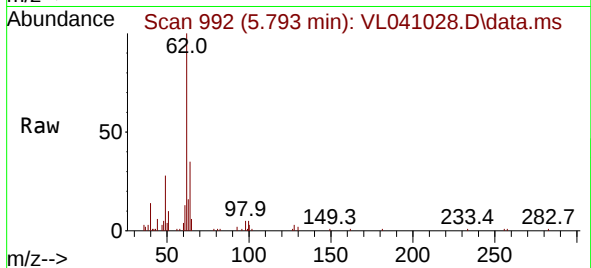
Tgt Ion: 78 Resp: 84586
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4
50 21.0 15.8 23.6





#37
1,2-Dichloroethane
Concen: 0.430 ppbv m
RT: 5.793 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

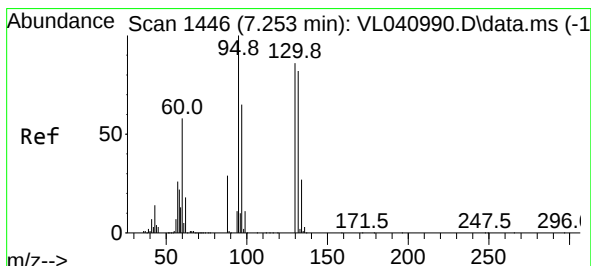
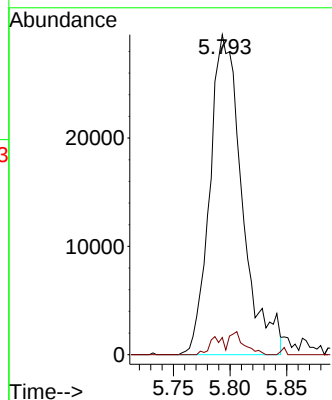
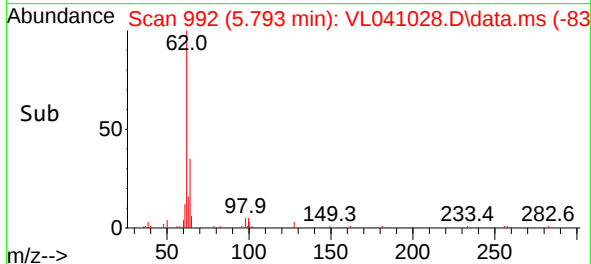
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



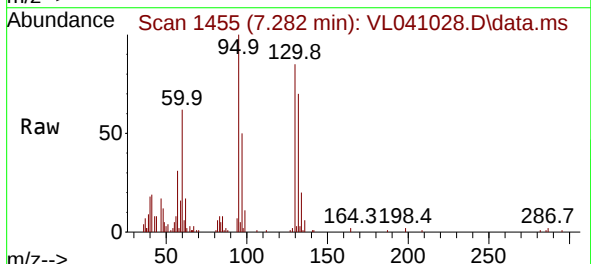
Tgt Ion: 62 Resp: 5847
Ion Ratio Lower Upper
62 100
98 5.6 4.7 7.1

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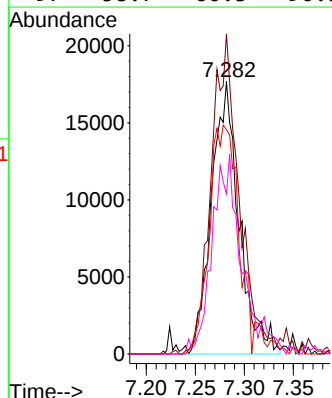
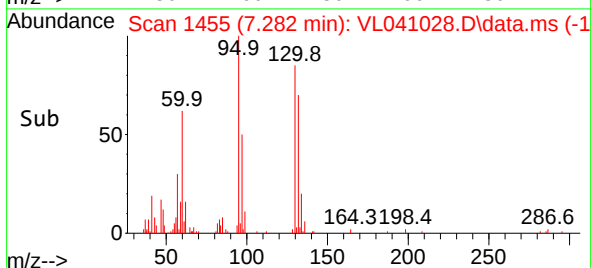
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

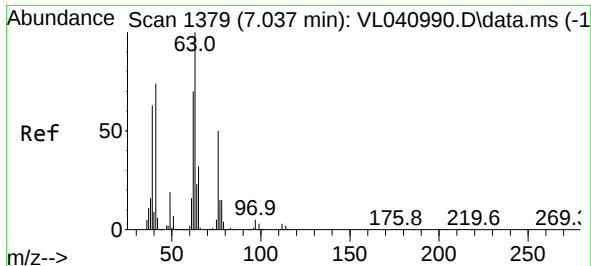


#38
Trichloroethene
Concen: 0.388 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



Tgt Ion:130 Resp: 34667
Ion Ratio Lower Upper
130 100
95 117.4 92.9 139.3
132 82.3 76.2 114.2
97 58.7 60.3 90.5#





#39

1,2-Dichloropropane

Concen: 0.430 ppbv

RT: 7.063 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

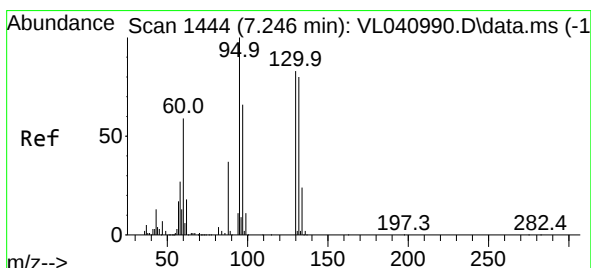
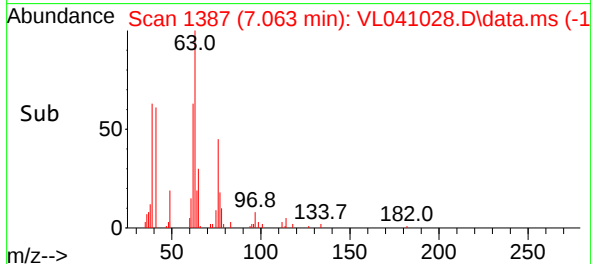
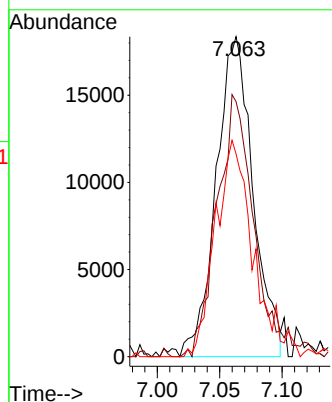
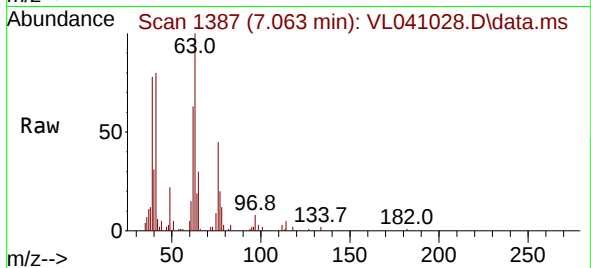
MDL-AIR-03-QT1-2024DL

Tgt Ion: 63	Resp: 37739
Ion Ratio	Lower Upper
63 100	
41 79.7	59.6 89.4
62 63.4	55.6 83.4

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Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#40

1,4-Dioxane

Concen: 0.335 ppbv m

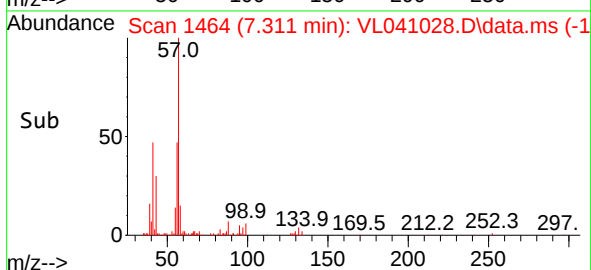
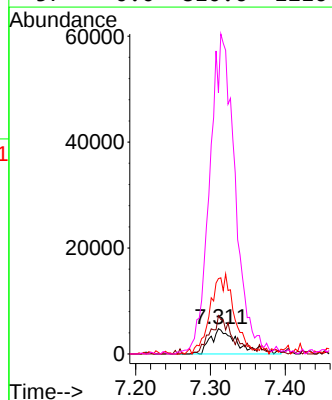
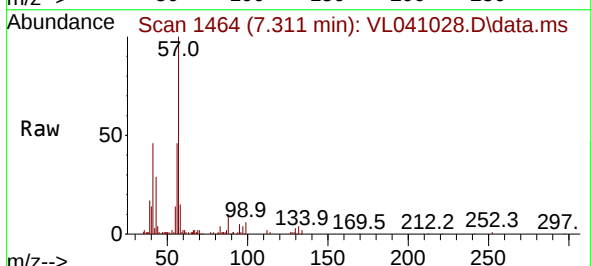
RT: 7.311 min Scan# 1464

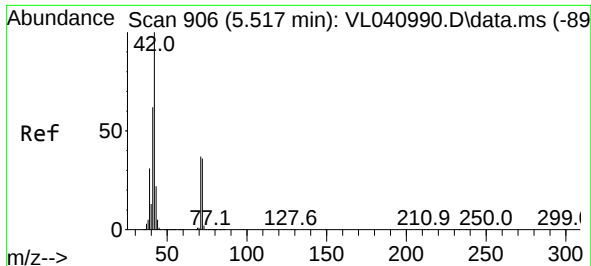
Delta R.T. 0.042 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

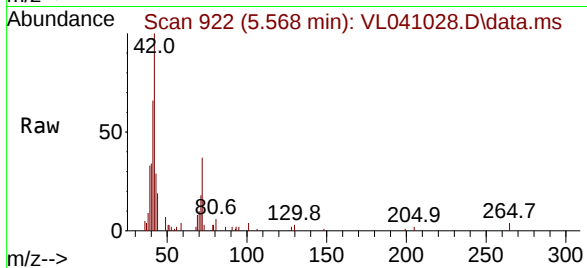
Tgt Ion: 88	Resp: 12226
Ion Ratio	Lower Upper
88 100	
58 0.0	96.6 144.8#
43 0.0	191.0 286.6#
57 0.0	810.6 1216.0#





#41
Tetrahydrofuran
Concen: 0.386 ppbv m
RT: 5.568 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

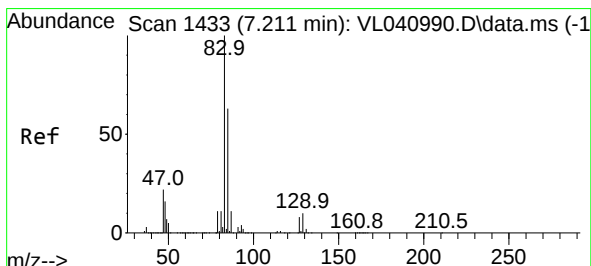
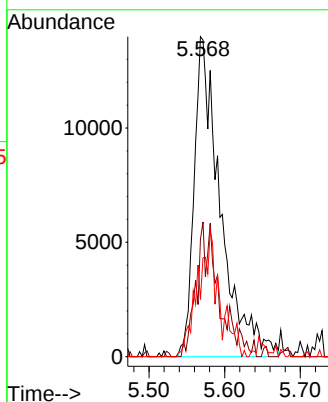
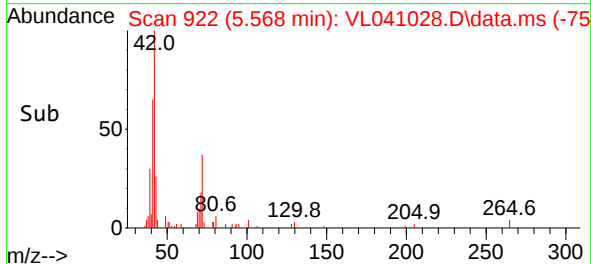
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 42 Resp: 3370
Ion Ratio Lower Upper
42 100
72 37.0 30.0 45.0
71 0.0 29.5 44.3

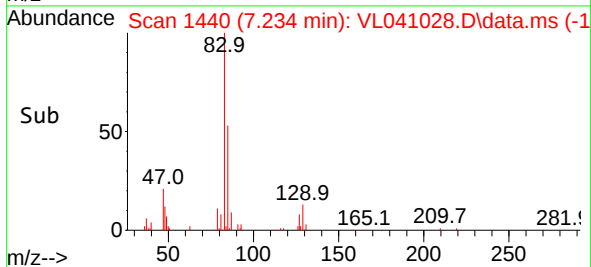
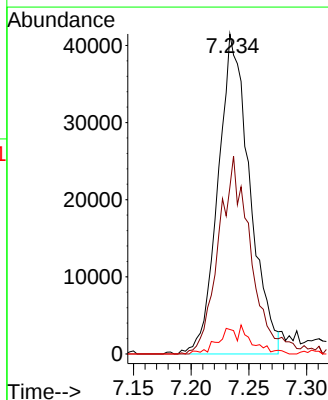
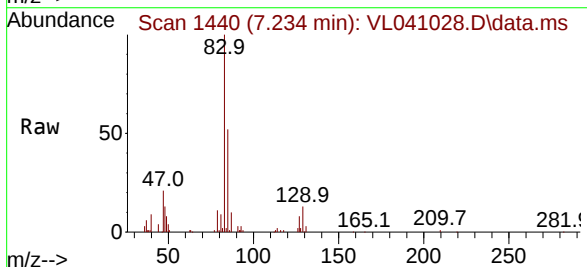
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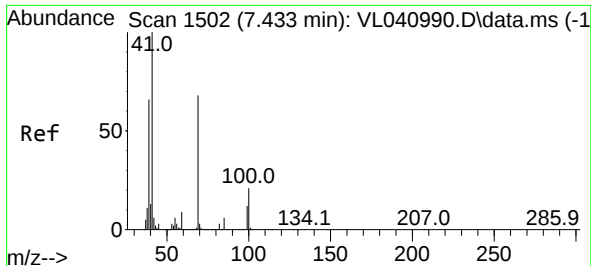
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#42
Bromodichloromethane
Concen: 0.407 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

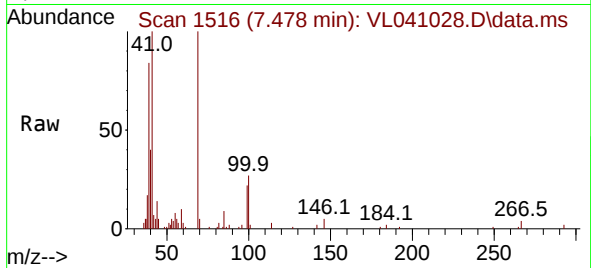
Tgt Ion: 83 Resp: 79224
Ion Ratio Lower Upper
83 100
85 52.1 50.5 75.7
127 9.4 6.4 9.6





#43
Methyl Methacrylate
Concen: 0.340 ppbv m
RT: 7.478 min Scan# 1
Delta R.T. 0.016 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

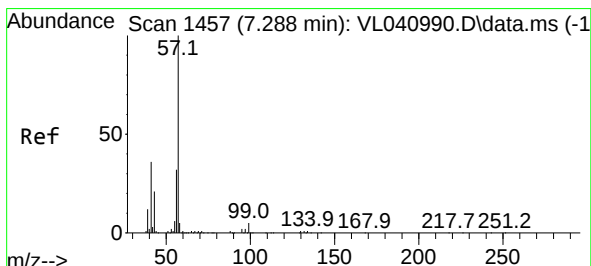
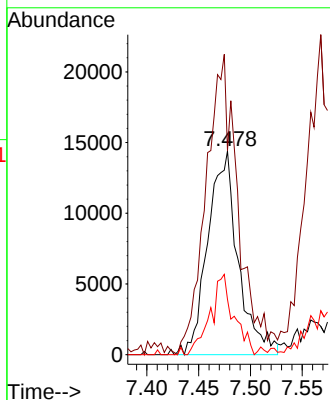
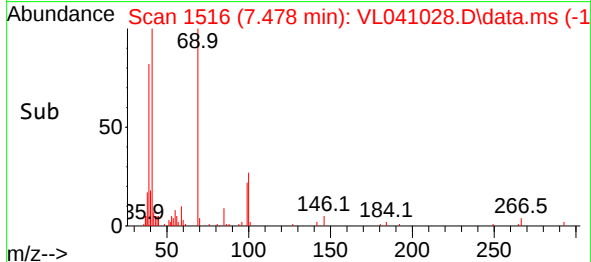
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 69 Resp: 2923
Ion Ratio Lower Upper
69 100
41 157.5 120.2 180.2
100 32.7 24.6 36.8

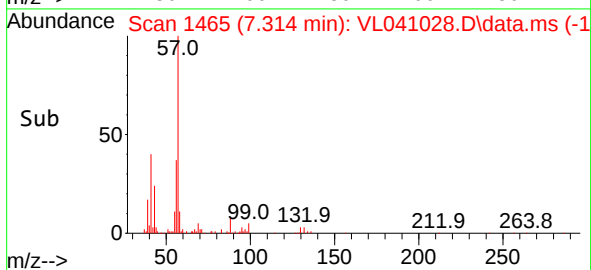
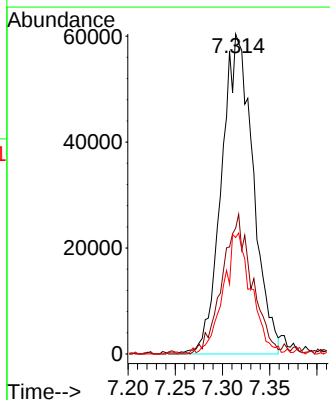
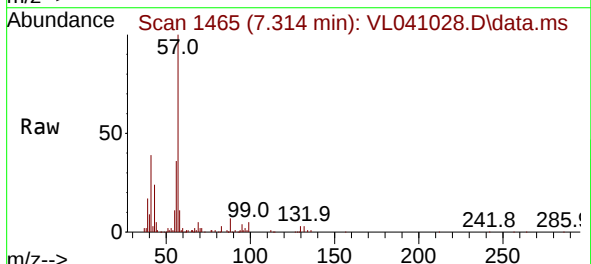
Manual Integrations
APPROVED

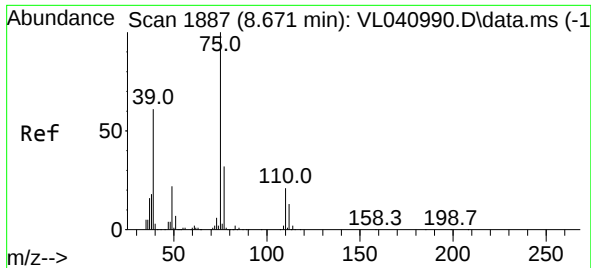
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#44
2,2,4-Trimethylpentane
Concen: 0.374 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion: 57 Resp: 140331
Ion Ratio Lower Upper
57 100
41 42.9 28.6 43.0
56 34.2 25.2 37.8





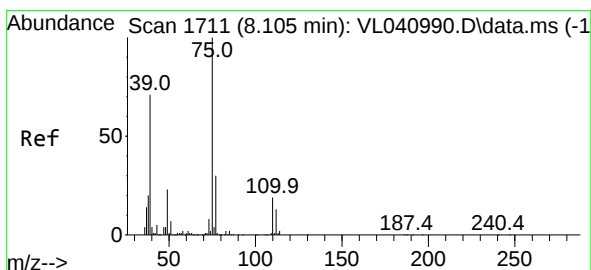
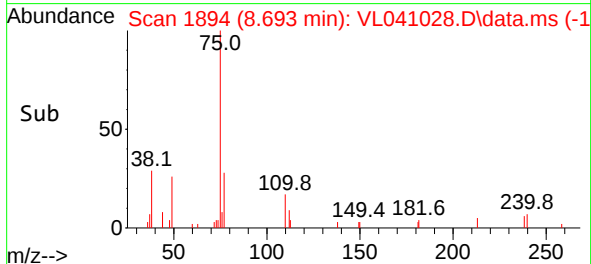
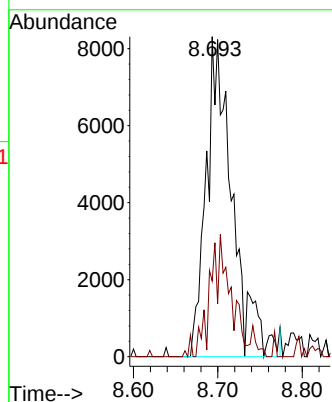
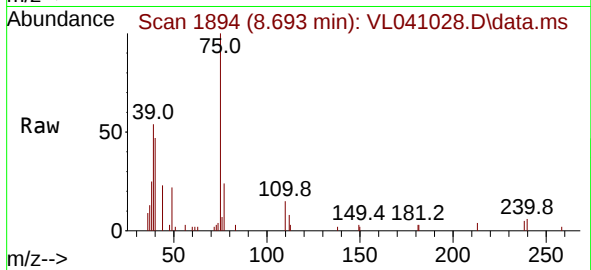
#45
t-1,3-Dichloropropene
Concen: 0.308 ppbv m
RT: 8.693 min Scan# 1887
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion: 75 Resp: 1808
Ion Ratio Lower Upper
75 100
77 23.6 25.3 37.9

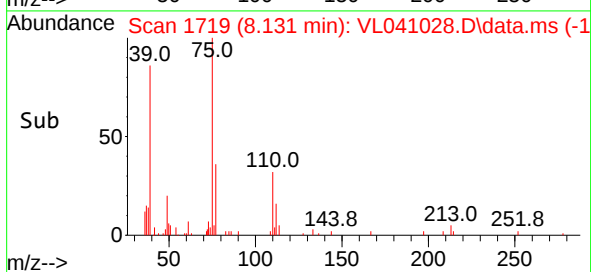
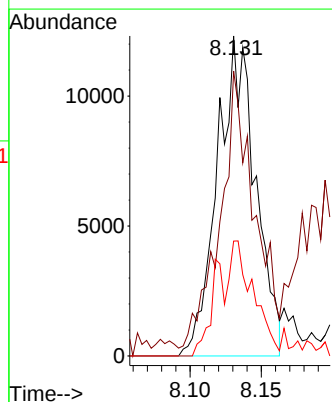
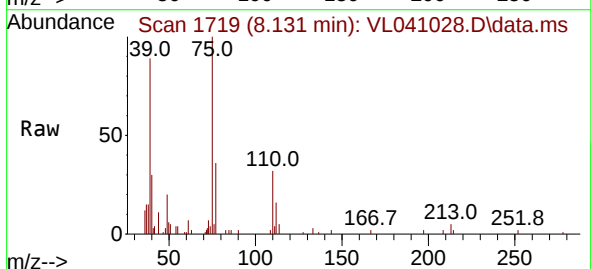
Manual Integrations
APPROVED

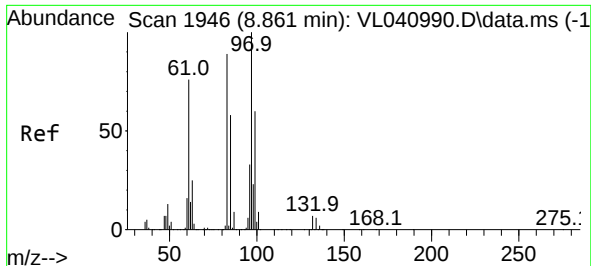
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#46
cis-1,3-Dichloropropene
Concen: 0.313 ppbv m
RT: 8.131 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion: 75 Resp: 22922
Ion Ratio Lower Upper
75 100
39 89.0 57.3 85.9
77 35.9 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 0.406 ppbv m

RT: 8.883 min Scan# 1946

Delta R.T. -0.006 min

Lab File: VL041028.D

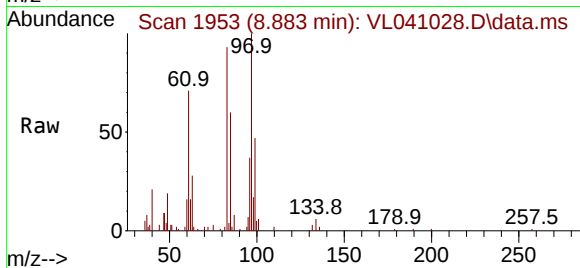
Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2024DL

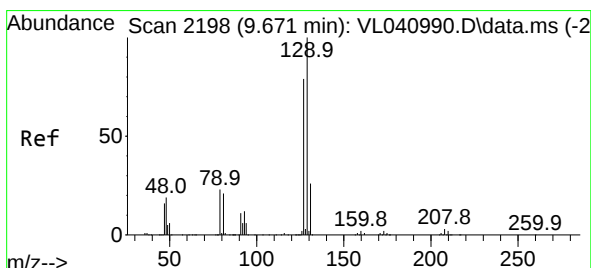
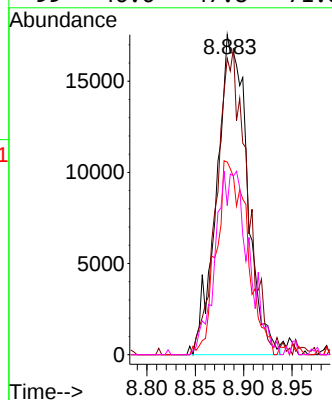
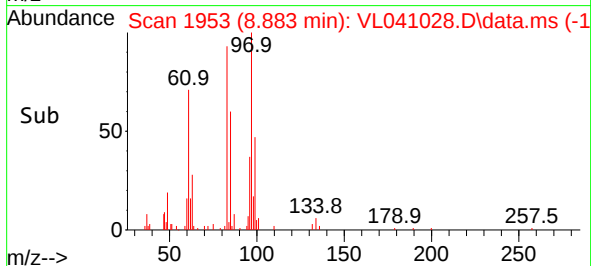


Tgt Ion:	97	Resp:	3845
Ion	Ratio	Lower	Upper
97	100		
83	92.6	71.5	107.3
85	60.2	46.1	69.1
99	46.6	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#48

Dibromochloromethane

Concen: 0.346 ppbv m

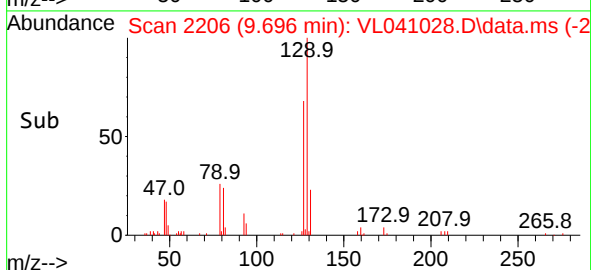
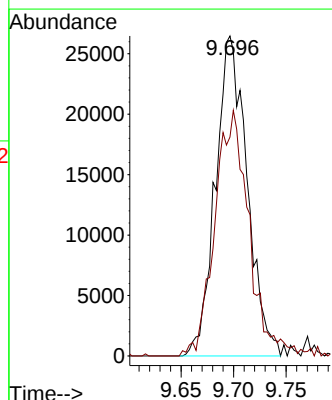
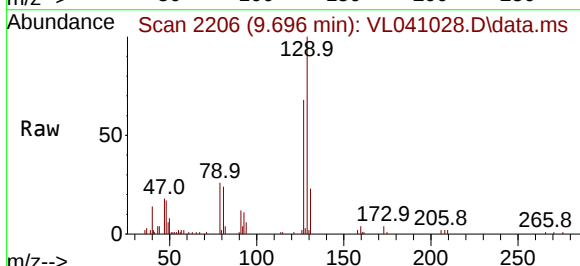
RT: 9.696 min Scan# 2206

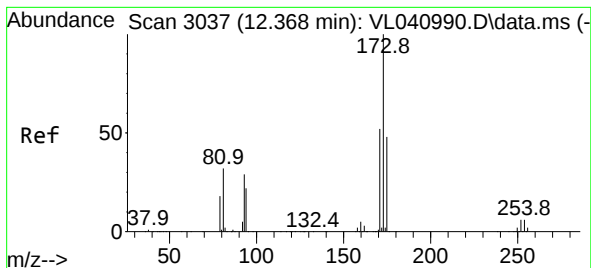
Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Tgt Ion:	129	Resp:	55357
Ion	Ratio	Lower	Upper
129	100		
127	83.3	39.6	119.0





#49

Bromoform

Concen: 0.334 ppbv

RT: 12.394 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

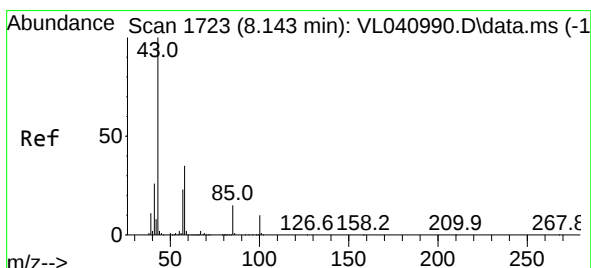
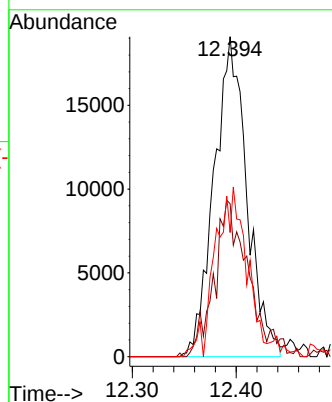
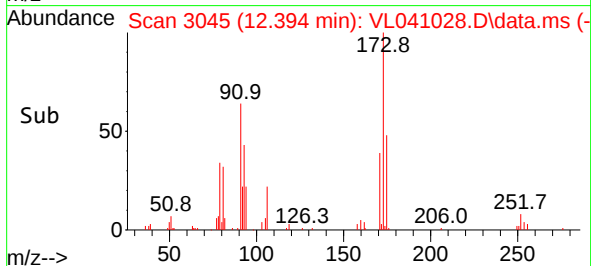
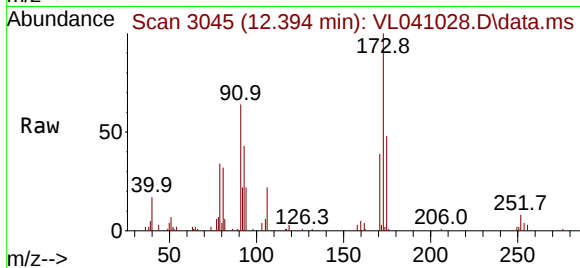
MDL-AIR-03-QT1-2024DL

Tgt Ion:	173	Resp:	41884
Ion Ratio	Lower	Upper	
173	100		
175	51.2	39.0	58.4
171	53.1	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#50

4-Methyl-2-Pentanone

Concen: 0.353 ppbv m

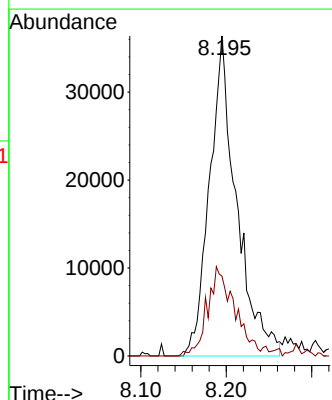
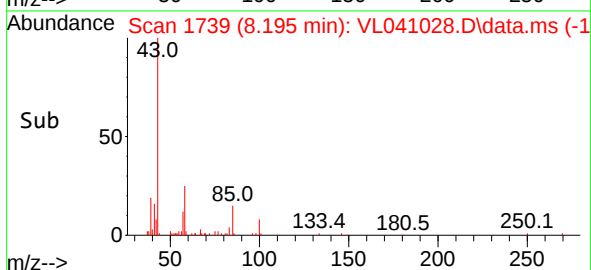
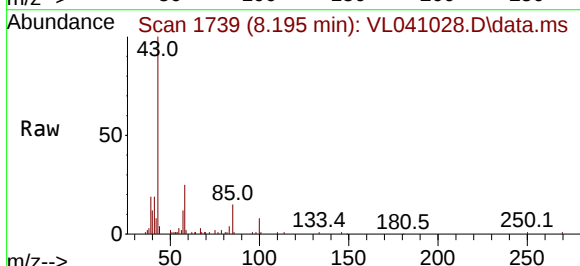
RT: 8.195 min Scan# 1739

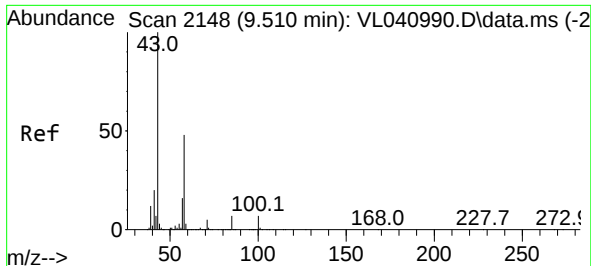
Delta R.T. 0.026 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Tgt Ion:	43	Resp:	79983
Ion Ratio	Lower	Upper	
43	100		
58	29.3	27.8	41.8





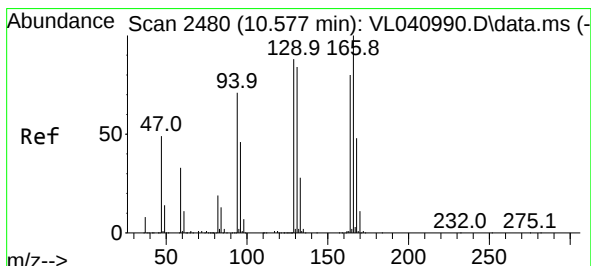
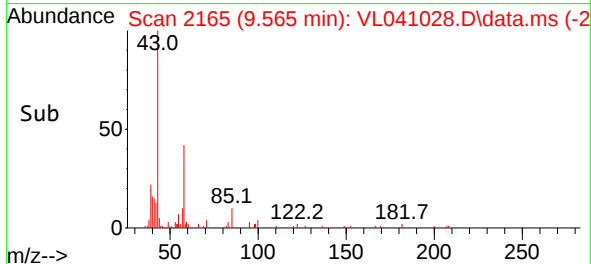
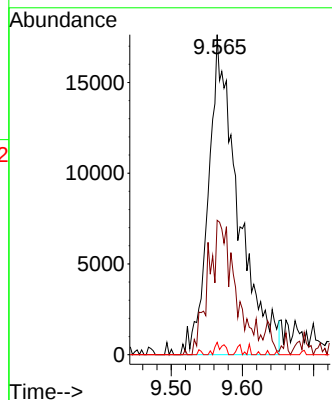
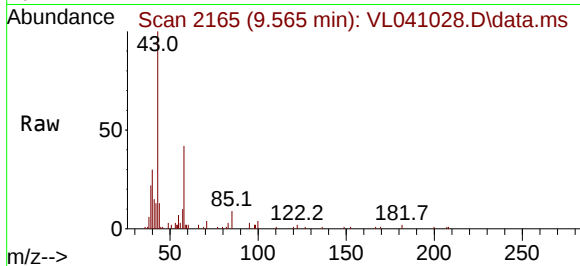
#51
2-Hexanone
Concen: 0.311 ppbv m
RT: 9.565 min Scan# 2148
Delta R.T. 0.029 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion: 43 Resp: 5072
Ion Ratio Lower Upper
43 100
58 41.5 36.8 55.2
98 2.2 0.3 0.5

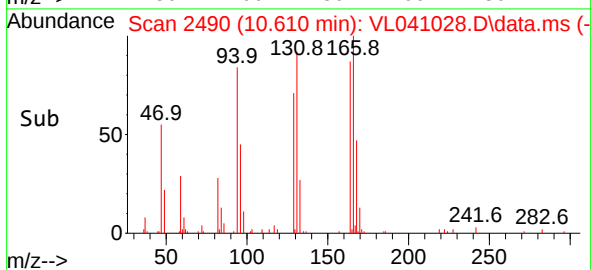
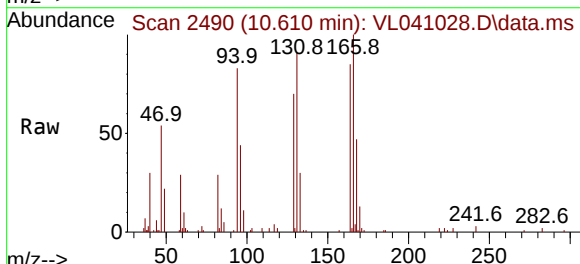
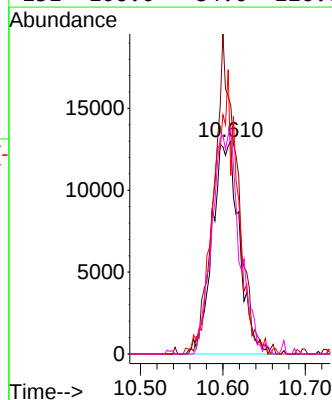
Manual Integrations
APPROVED

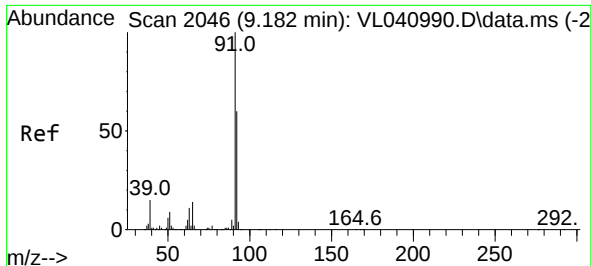
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#52
Tetrachloroethene
Concen: 0.400 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

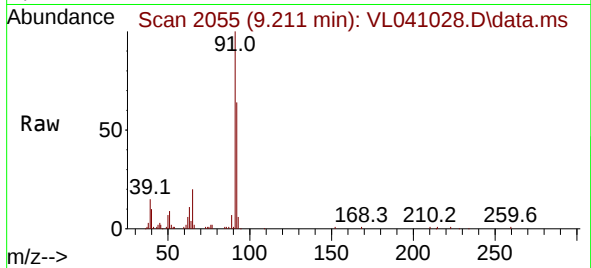
Tgt Ion:164 Resp: 29587
Ion Ratio Lower Upper
164 100
166 117.0 100.2 150.2
129 81.7 87.9 131.9#
131 106.0 84.0 126.0





#53
Toluene
Concen: 0.335 ppbv m
RT: 9.211 min Scan# 2046
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

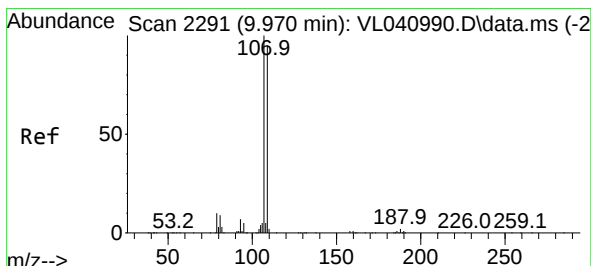
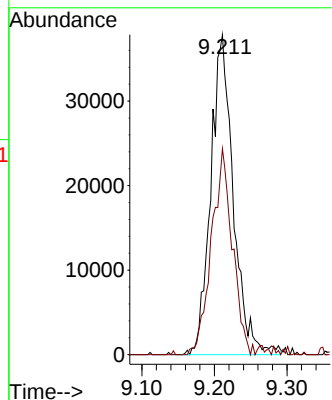
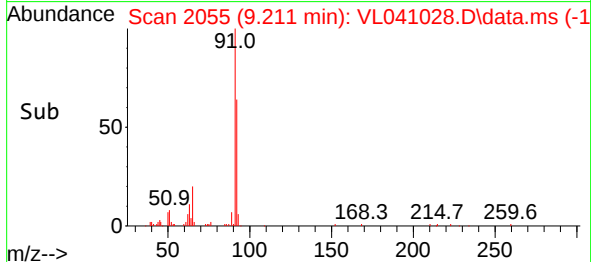
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion: 91 Resp: 81828
Ion Ratio Lower Upper
91 100
92 59.6 48.6 72.8

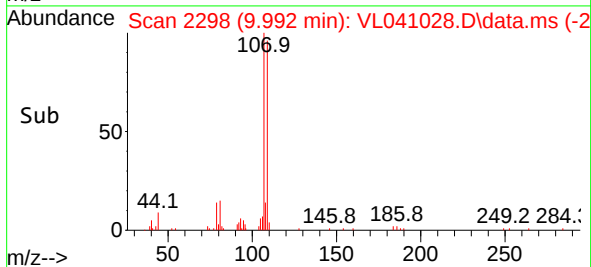
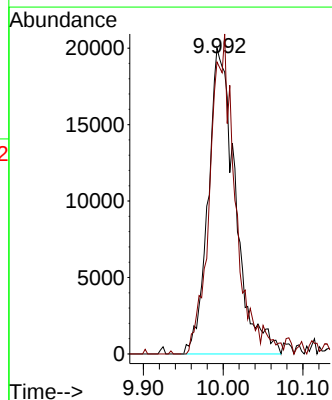
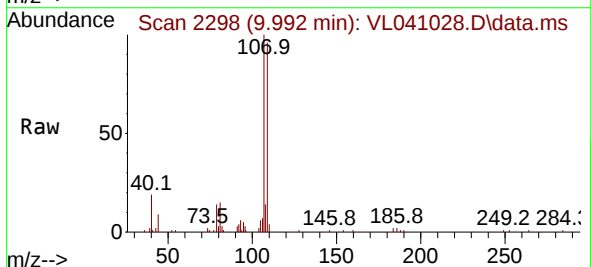
Manual Integrations
APPROVED

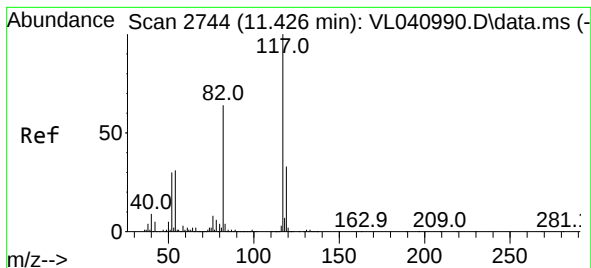
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#54
1,2-Dibromoethane
Concen: 0.372 ppbv m
RT: 9.992 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

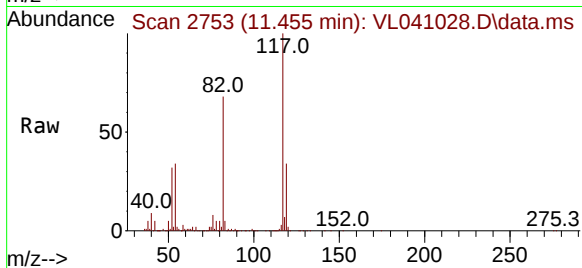
Tgt Ion:107 Resp: 47649
Ion Ratio Lower Upper
107 100
109 95.5 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

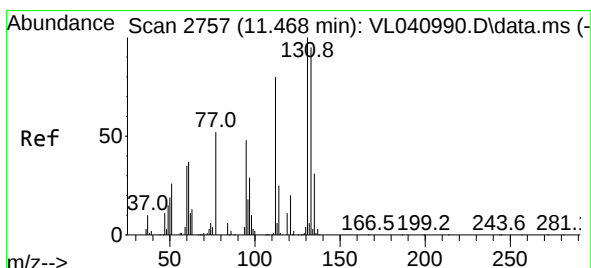
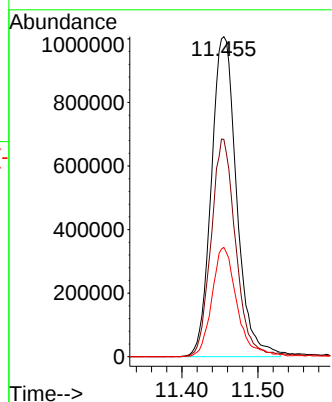
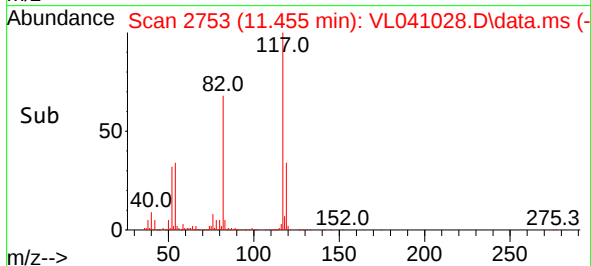
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



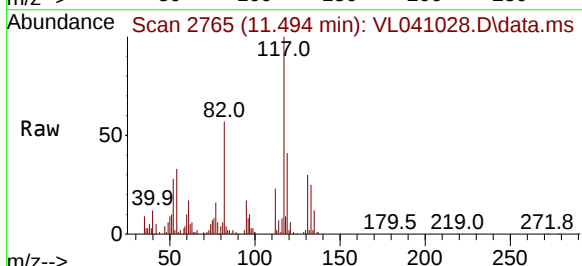
Tgt Ion:117 Resp: 2327918
Ion Ratio Lower Upper
117 100
82 67.1 51.7 77.5
119 34.2 23.8 35.6

Manual Integrations
APPROVED

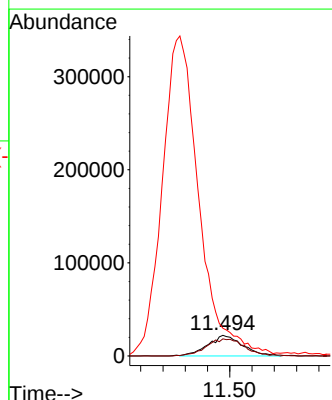
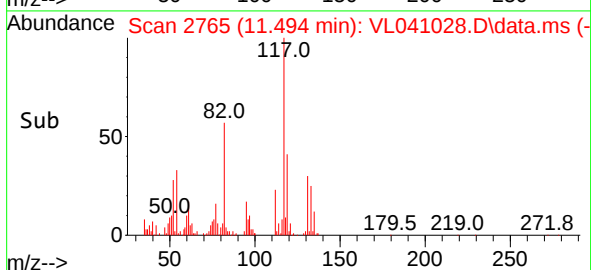
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

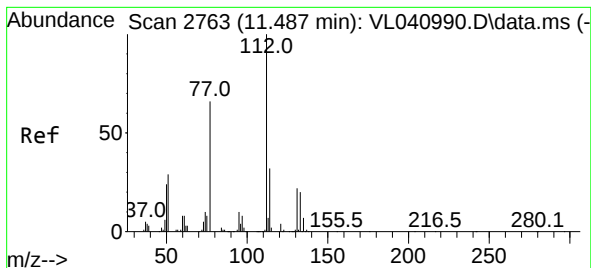


#56
1,1,1,2-Tetrachloroethane
Concen: 0.431 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



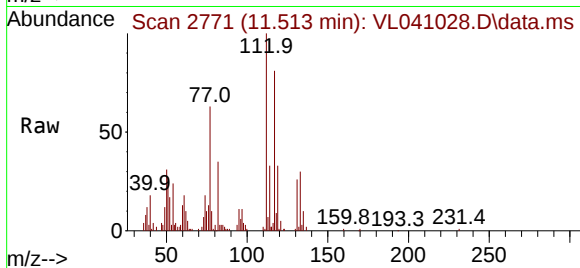
Tgt Ion:131 Resp: 48098
Ion Ratio Lower Upper
131 100
133 91.3 75.9 113.9
119 1654.7 49.2 73.8#





#57
Chlorobenzene
Concen: 0.435 ppbv
RT: 11.513 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

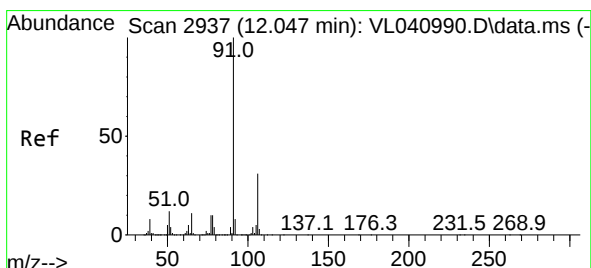
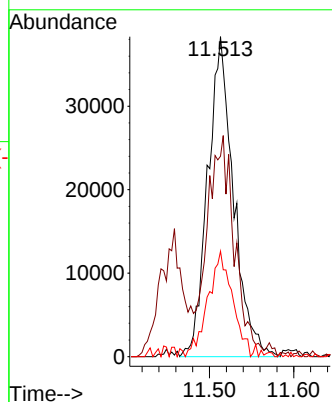
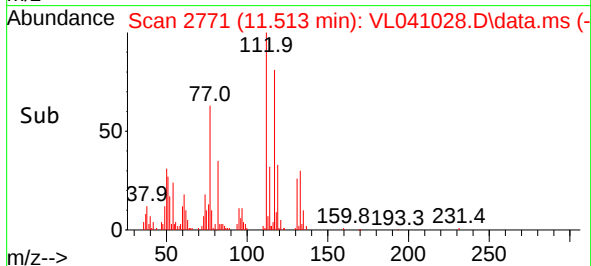
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion:112 Resp: 81536
Ion Ratio Lower Upper
112 100
77 61.3 53.4 80.0
114 34.4 29.1 35.5

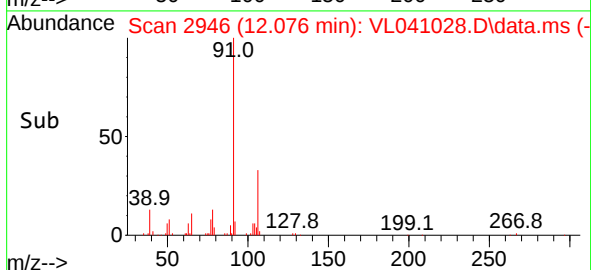
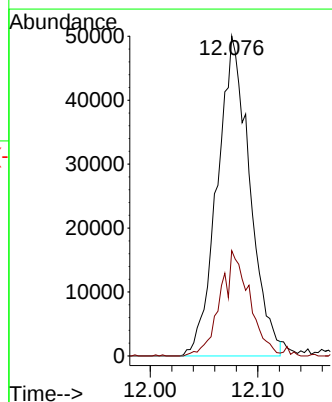
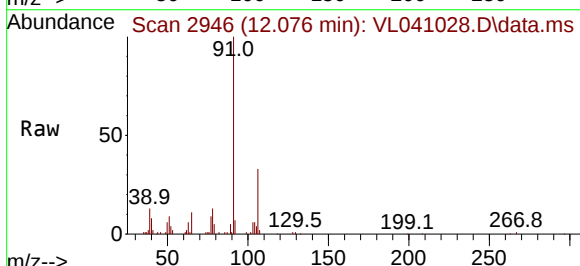
Manual Integrations
APPROVED

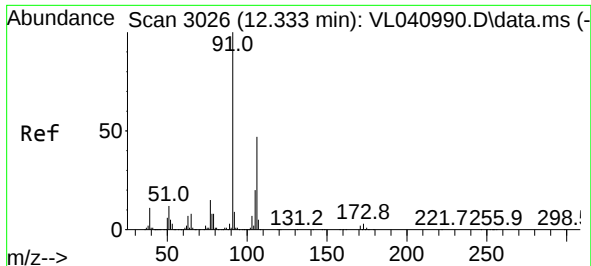
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#58
Ethyl Benzene
Concen: 0.336 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion: 91 Resp: 105172
Ion Ratio Lower Upper
91 100
106 32.9 24.8 37.2





#59

m/p-Xylene

Concen: 0.701 ppbv m

RT: 12.362 min Scan# 3026

Delta R.T. 0.003 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2024DL

Tgt Ion: 91 Resp: 19101

Ion Ratio Lower Upper

91 100

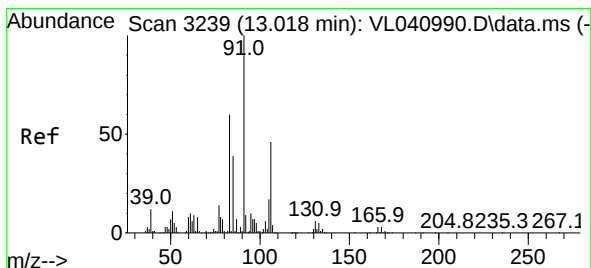
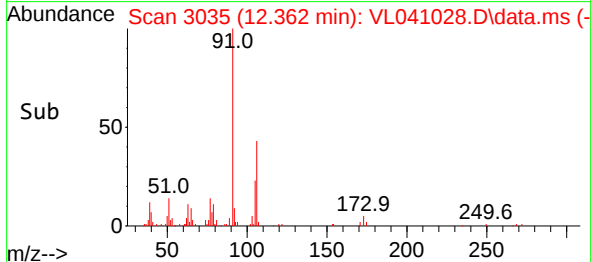
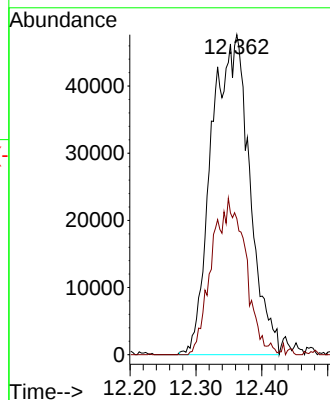
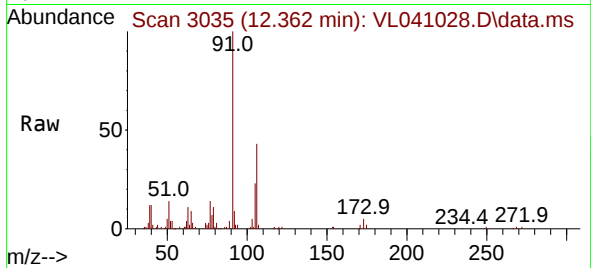
106 0.0 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#60

o-Xylene

Concen: 0.365 ppbv m

RT: 13.050 min Scan# 3249

Delta R.T. 0.006 min

Lab File: VL041028.D

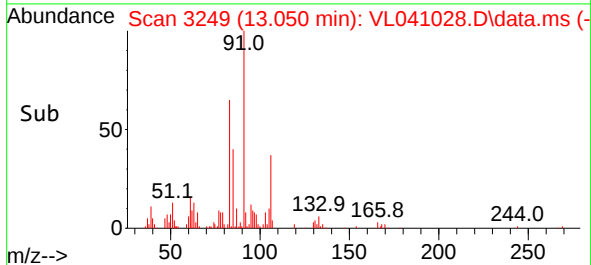
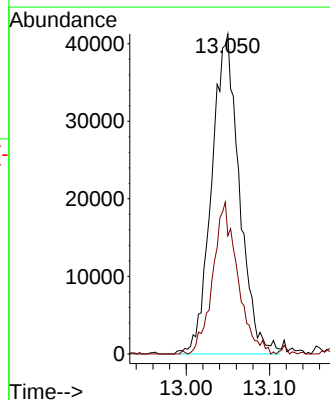
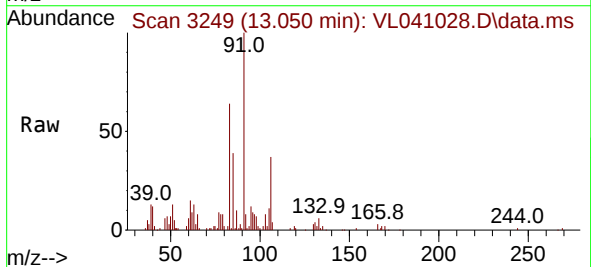
Acq: 25 Jan 2024 14:01

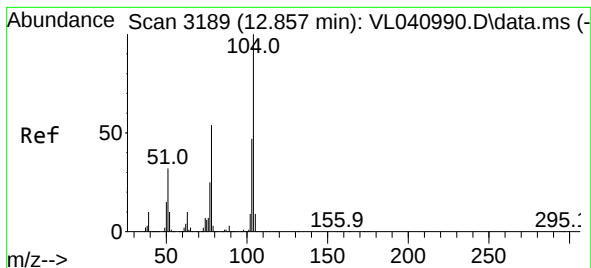
Tgt Ion: 91 Resp: 95421

Ion Ratio Lower Upper

91 100

106 42.5 22.6 67.7





#61

Styrene

Concen: 0.288 ppbv m

RT: 12.892 min Scan# 3189

Delta R.T. 0.010 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

Instrument :

MSVOA_L

ClientSampleId :

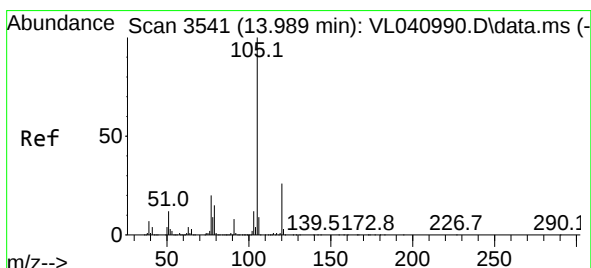
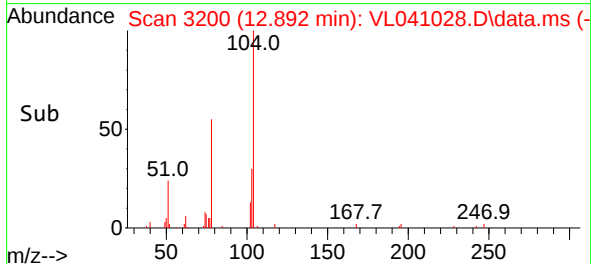
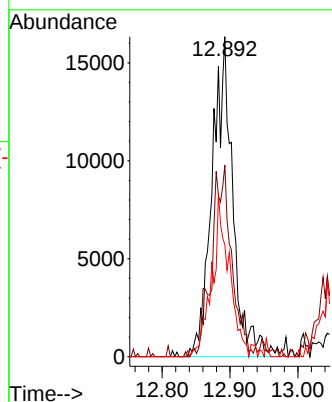
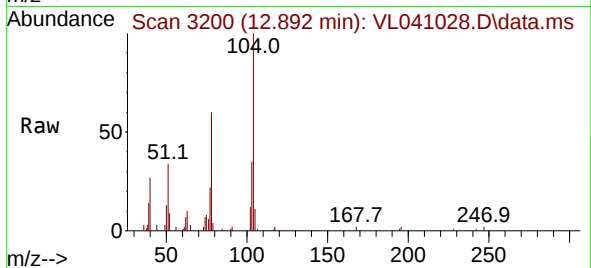
MDL-AIR-03-QT1-2024DL

Tgt Ion:104 Resp: 3452
 Ion Ratio Lower Upper
 104 100
 78 0.0 42.7 64.1
 103 43.9 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#62

Isopropylbenzene

Concen: 0.378 ppbv

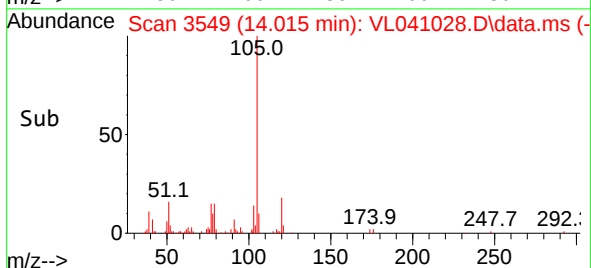
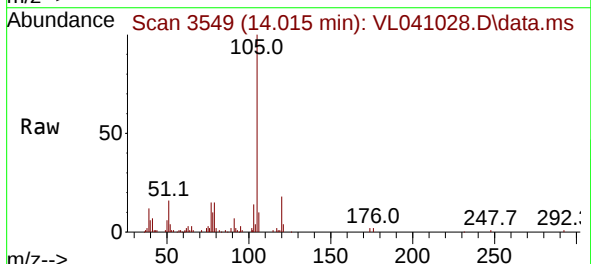
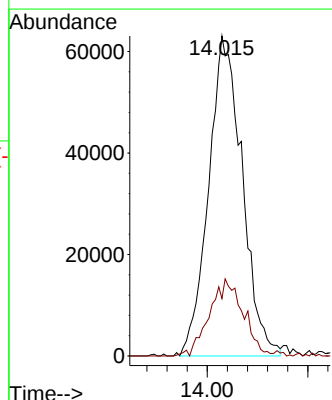
RT: 14.015 min Scan# 3549

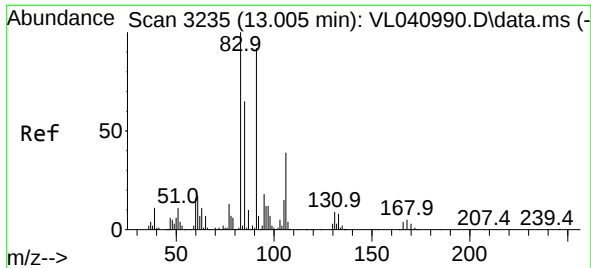
Delta R.T. -0.000 min

Lab File: VL041028.D

Acq: 25 Jan 2024 14:01

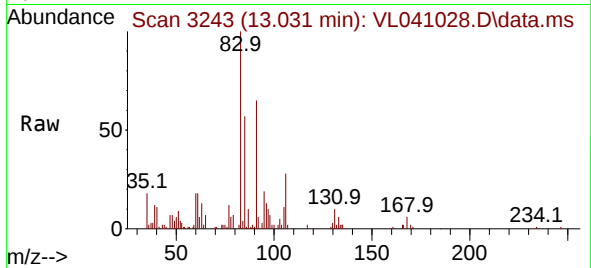
Tgt Ion:105 Resp: 146245
 Ion Ratio Lower Upper
 105 100
 120 24.7 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.426 ppbv m
RT: 13.031 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

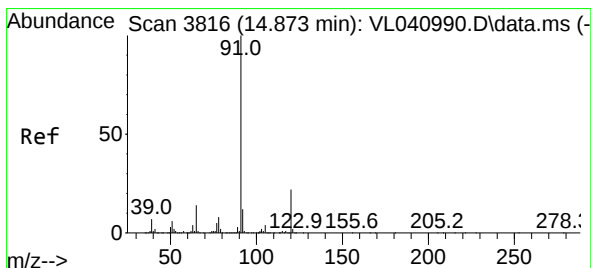
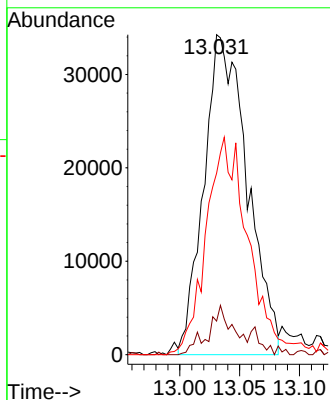
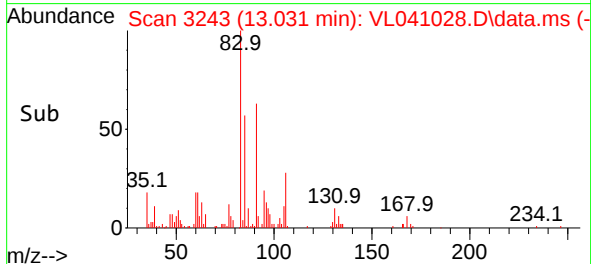
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



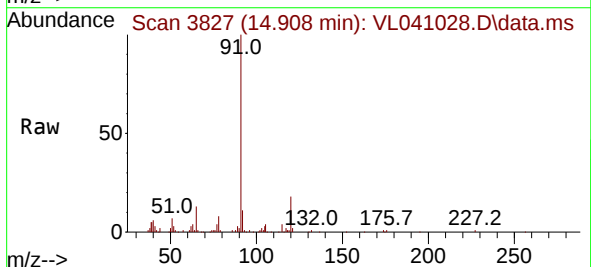
Tgt Ion: 83 Resp: 8648
Ion Ratio Lower Upper
83 100
131 11.8 4.6 13.8
85 67.2 33.0 99.0

Manual Integrations
APPROVED

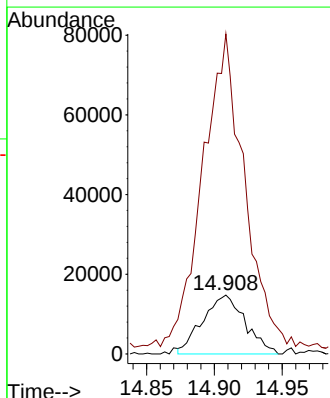
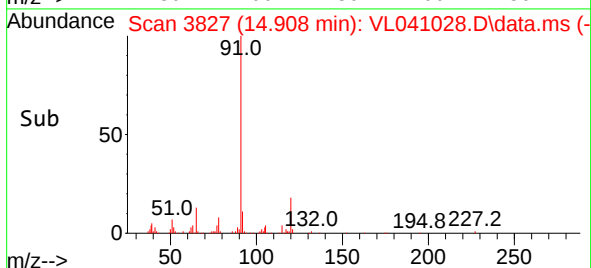
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

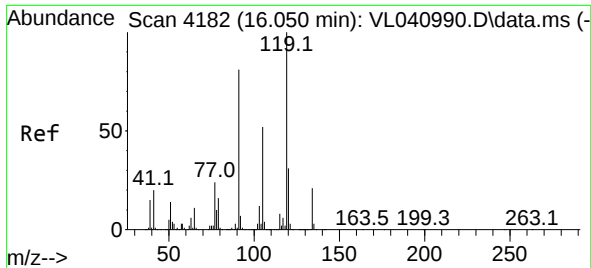


#64
n-propylbenzene
Concen: 0.330 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



Tgt Ion:120 Resp: 32245
Ion Ratio Lower Upper
120 100
91 570.2 390.6 585.8





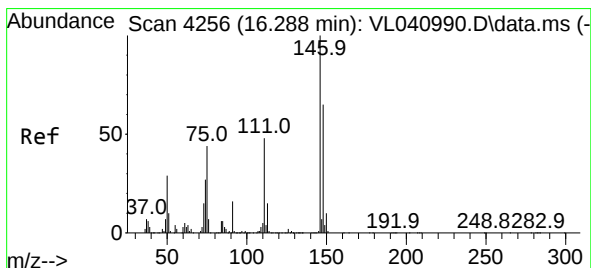
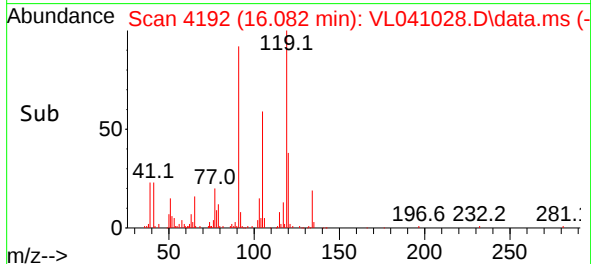
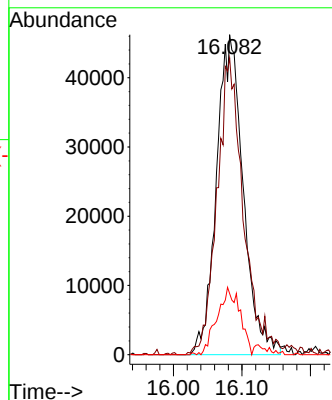
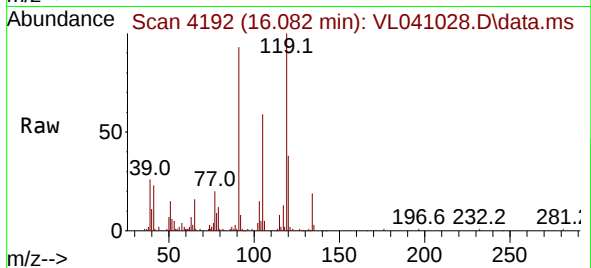
#65
tert-Butylbenzene
Concen: 0.372 ppbv m
RT: 16.082 min Scan# 4182
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion:119 Resp: 125718
Ion Ratio Lower Upper
119 100
91 0.0 67.6 101.4
134 0.0 16.1 24.1

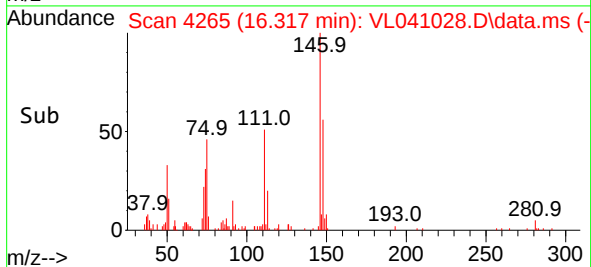
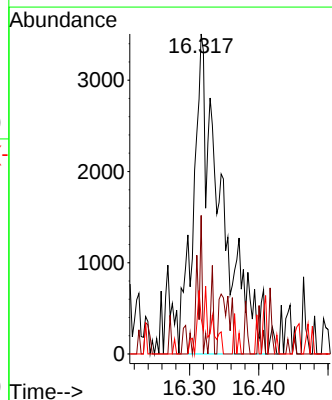
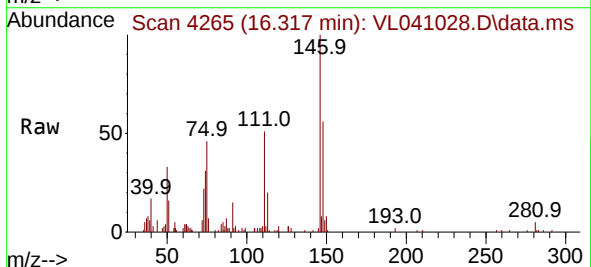
Manual Integrations
APPROVED

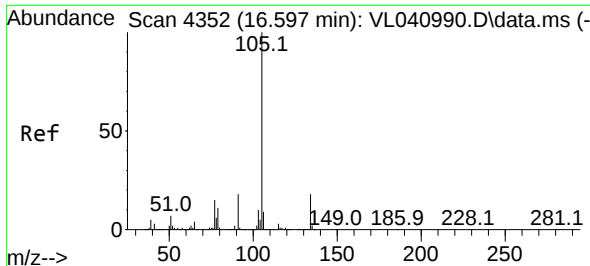
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#66
Benzyl Chloride
Concen: 0.452 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

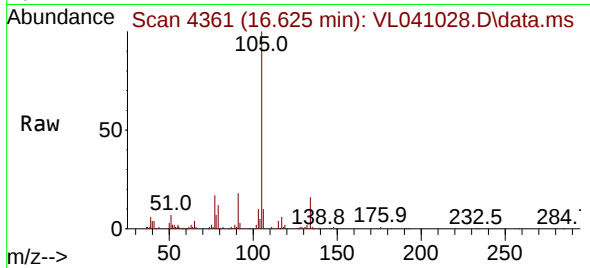
Tgt Ion: 91 Resp: 10004
Ion Ratio Lower Upper
91 100
126 18.0 13.6 20.4
128 8.5 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 0.358 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

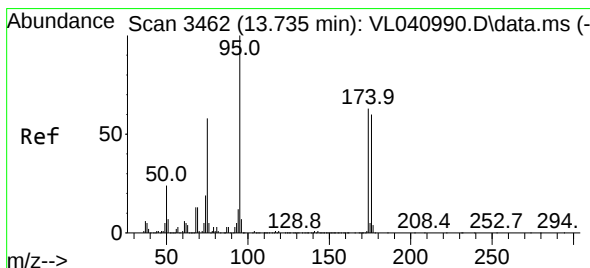
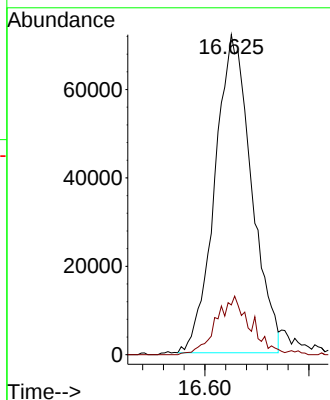
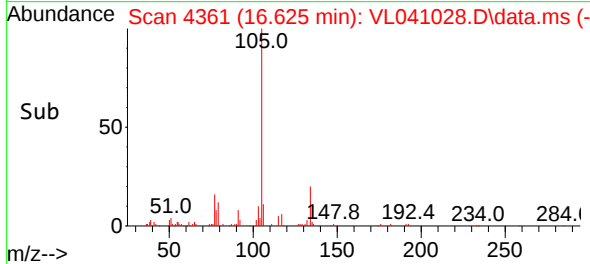
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2024DL



Tgt Ion:105 Resp: 17614
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4

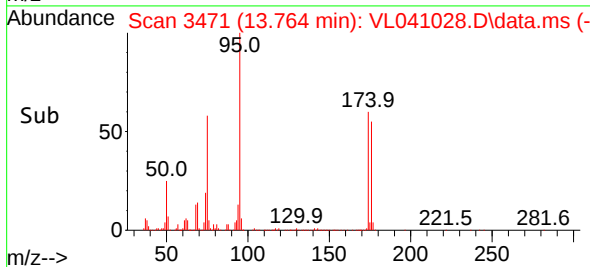
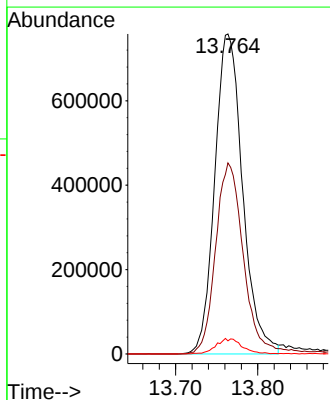
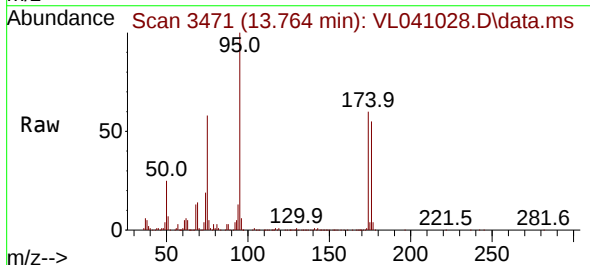
Manual Integrations
 APPROVED

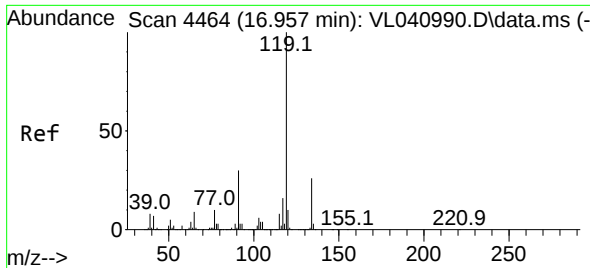
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.186 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VL041028.D
 Acq: 25 Jan 2024 14:01

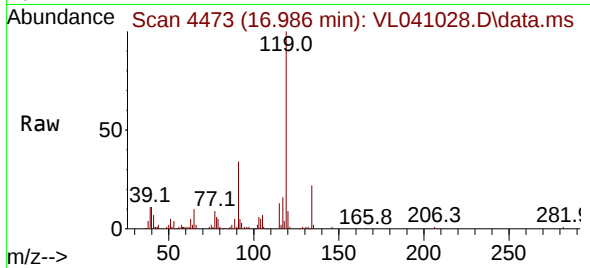
Tgt Ion: 95 Resp: 1790933
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.1 73.7
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.337 ppbv m
RT: 16.986 min Scan# 4464
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

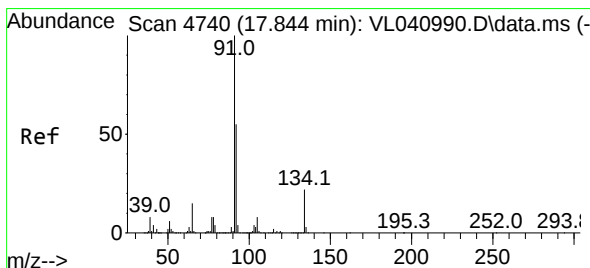
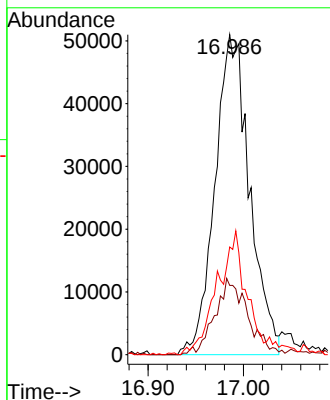
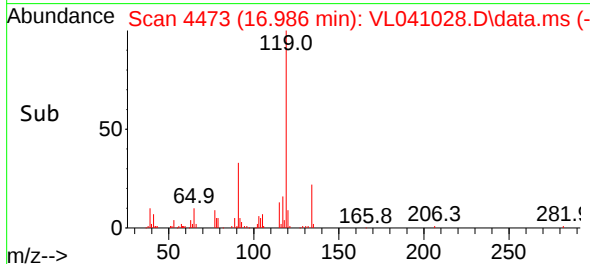
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion:119 Resp: 128510
Ion Ratio Lower Upper
119 100
134 23.6 20.6 30.8
91 0.0 24.5 36.7

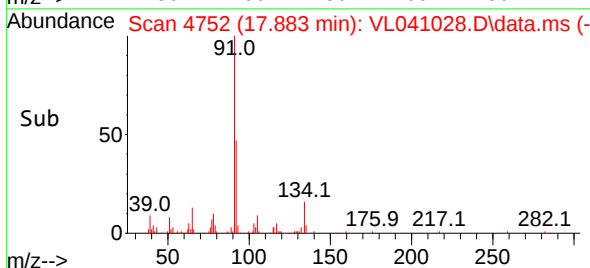
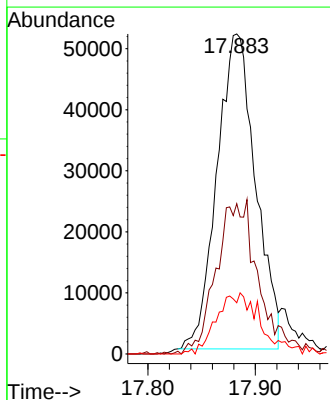
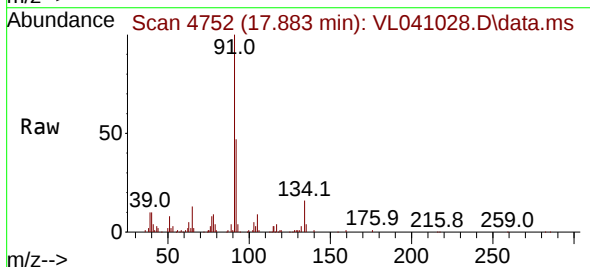
Manual Integrations
APPROVED

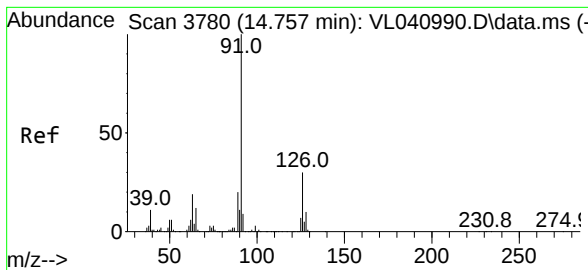
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#70
n-Butylbenzene
Concen: 0.312 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.013 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion: 91 Resp: 128645
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.0
134 22.4 17.4 26.0





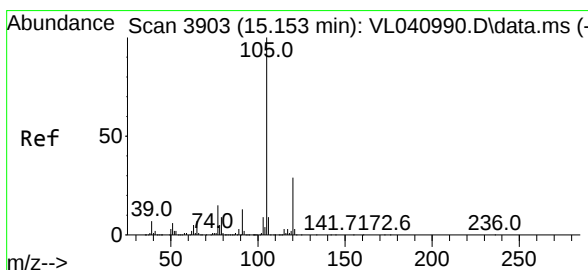
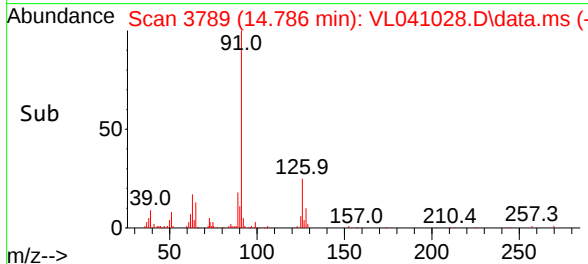
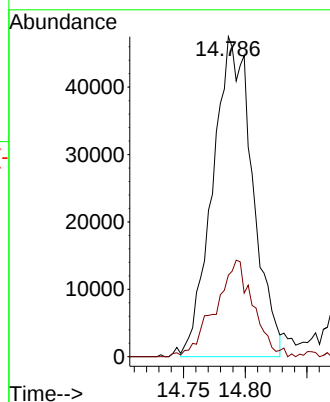
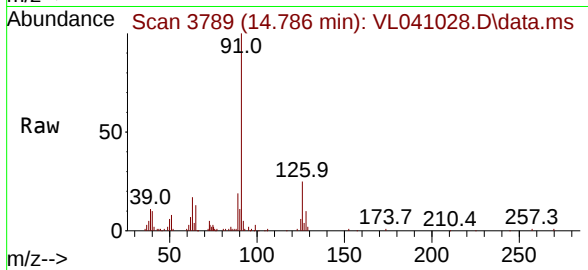
#71
2-Chlorotoluene
Concen: 0.358 ppbv m
RT: 14.786 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion: 91 Resp: 106680
Ion Ratio Lower Upper
91 100
126 0.0 12.3 49.1

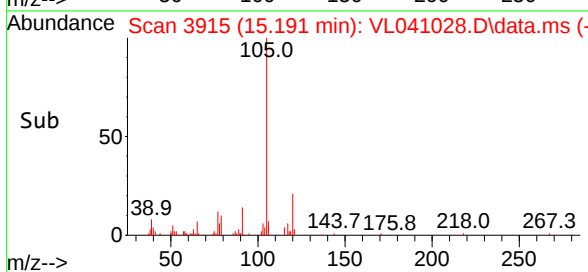
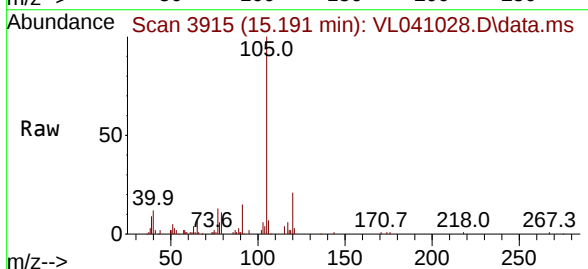
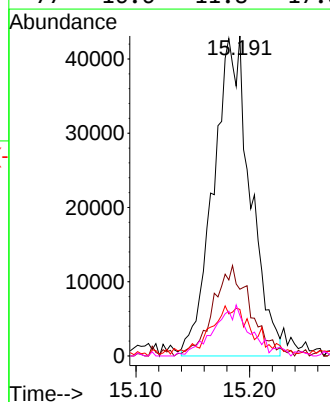
Manual Integrations
APPROVED

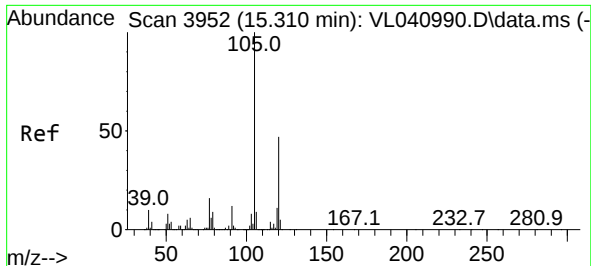
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#72
4-Ethyltoluene
Concen: 0.332 ppbv m
RT: 15.191 min Scan# 3915
Delta R.T. 0.016 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

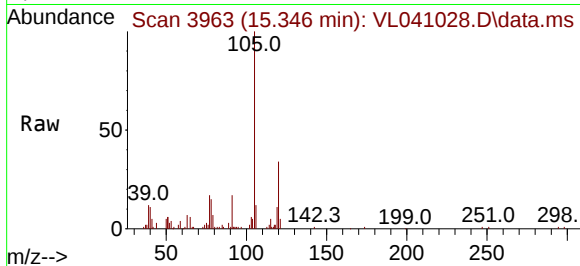
Tgt Ion:105 Resp: 96954
Ion Ratio Lower Upper
105 100
120 30.1 24.3 36.5
91 0.0 11.0 16.4#
77 16.6 11.8 17.8





#73
1,3,5-Trimethylbenzene
Concen: 0.352 ppbv m
RT: 15.346 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

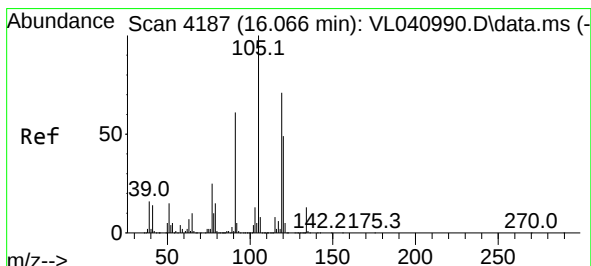
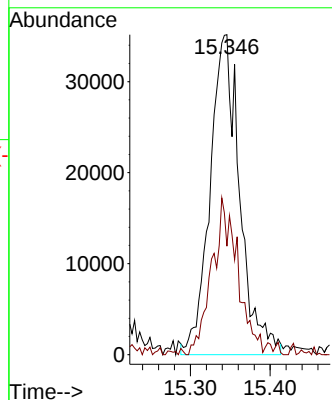
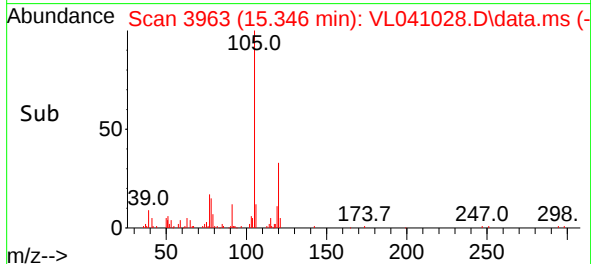
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion:105 Resp: 91250
Ion Ratio Lower Upper
105 100
120 33.9 37.2 55.8

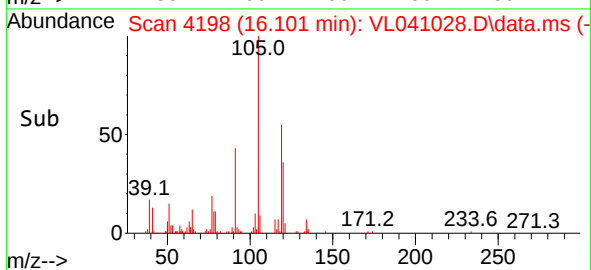
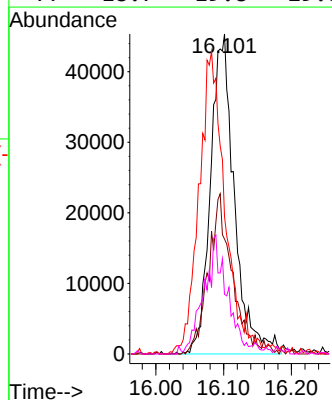
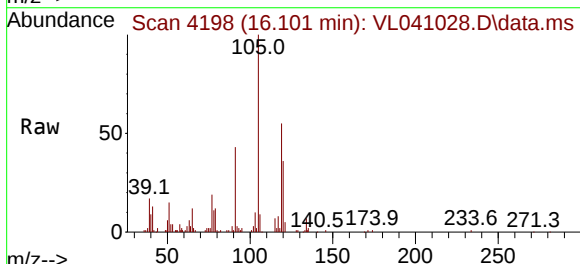
Manual Integrations
APPROVED

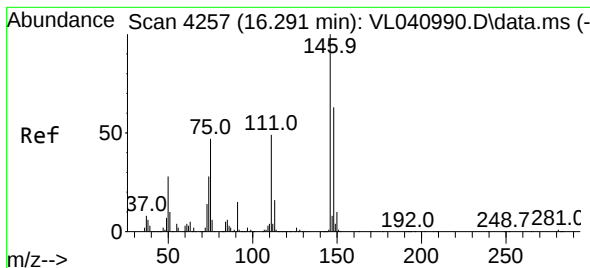
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.377 ppbv m
RT: 16.101 min Scan# 4198
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

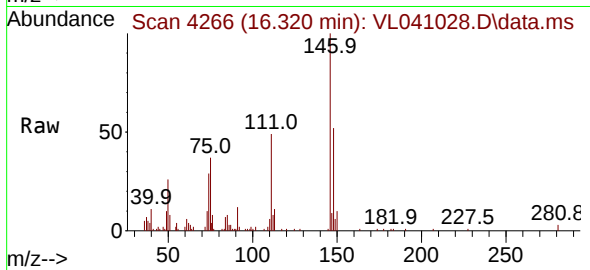
Tgt Ion:105 Resp: 110856
Ion Ratio Lower Upper
105 100
120 35.9 39.3 58.9#
91 43.0 48.7 73.1#
77 18.7 19.8 29.8#





#75
1,3-Dichlorobenzene
Concen: 0.398 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

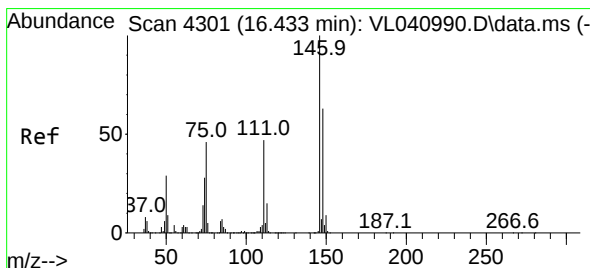
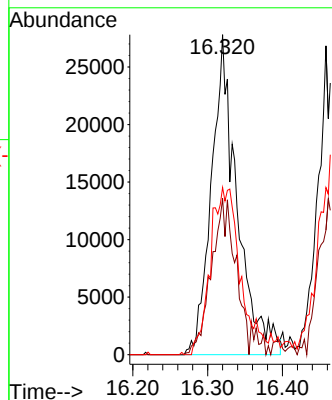
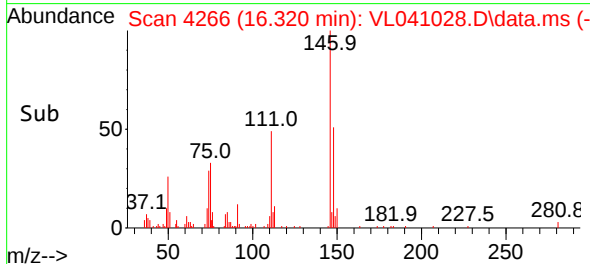
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



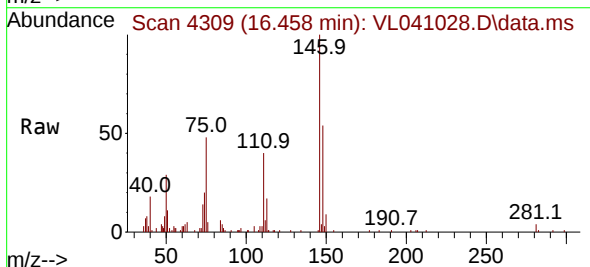
Tgt Ion:146 Resp: 66589
Ion Ratio Lower Upper
146 100
111 51.4 24.4 73.2
148 63.8 32.5 97.4

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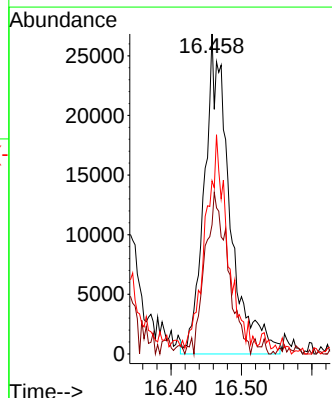
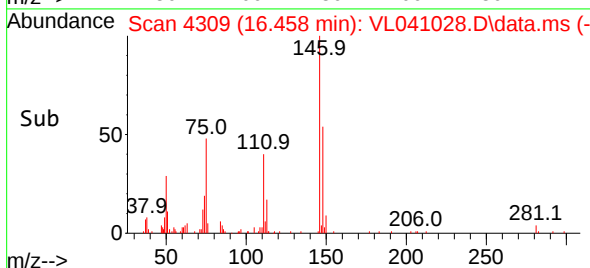
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

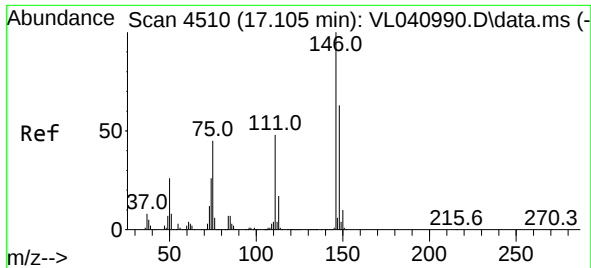


#76
1,4-Dichlorobenzene
Concen: 0.406 ppbv m
RT: 16.458 min Scan# 4309
Delta R.T. -0.000 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01



Tgt Ion:146 Resp: 66978
Ion Ratio Lower Upper
146 100
111 0.0 24.0 72.0#
148 0.0 32.9 98.7#





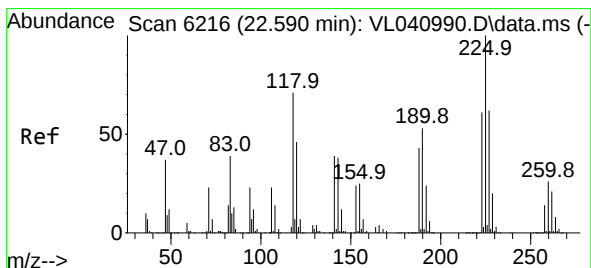
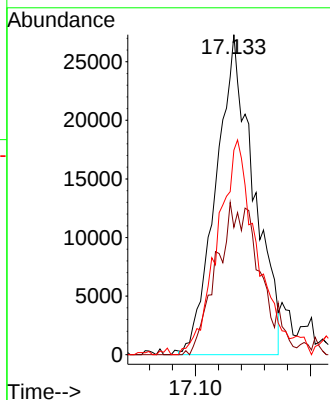
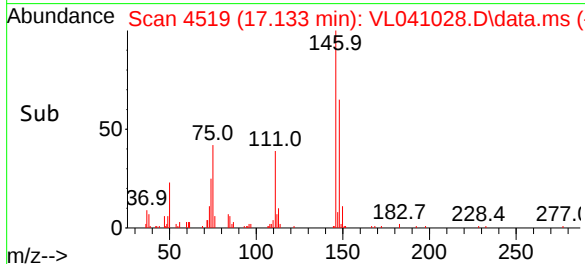
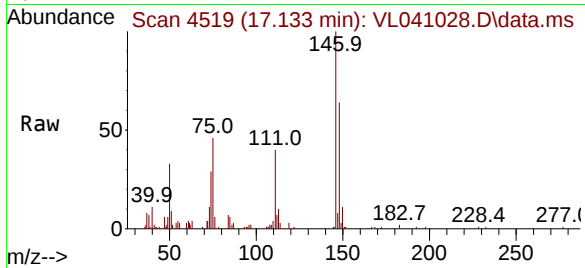
#77
1,2-Dichlorobenzene
Concen: 0.375 ppbv m
RT: 17.133 min Scan# 4519
Delta R.T. 0.006 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion:146 Resp: 6231
Ion Ratio Lower Upper
146 100
111 57.5 24.8 74.3
148 71.5 31.8 95.3

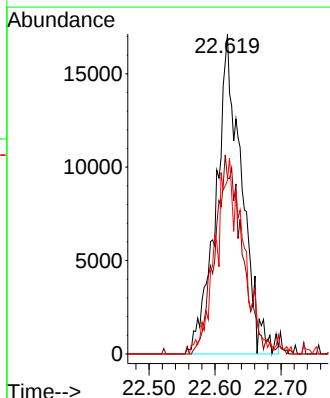
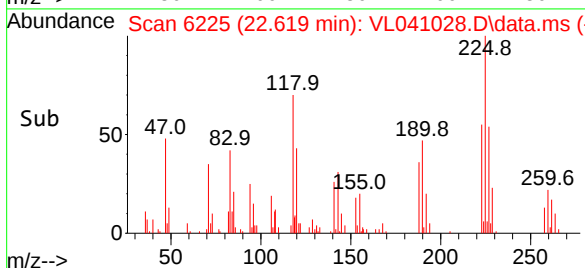
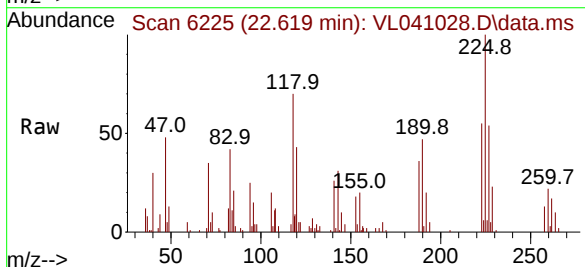
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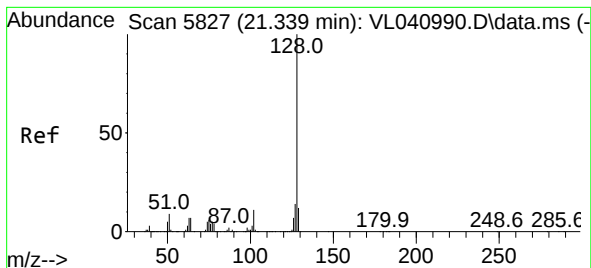
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.433 ppbv m
RT: 22.619 min Scan# 6225
Delta R.T. 0.003 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Tgt Ion:225 Resp: 46414
Ion Ratio Lower Upper
225 100
223 66.9 51.1 76.7
227 67.2 51.0 76.4





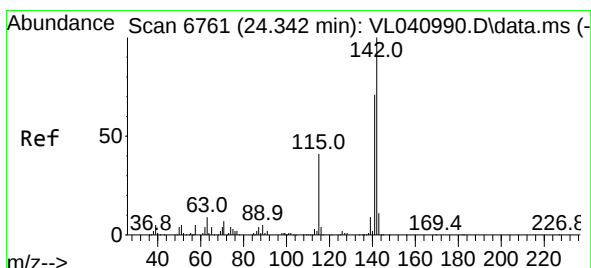
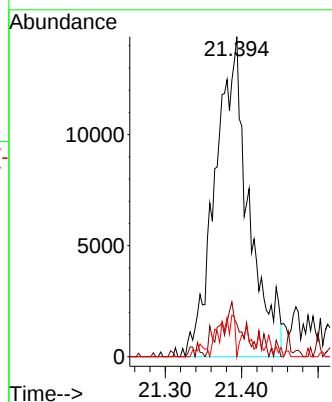
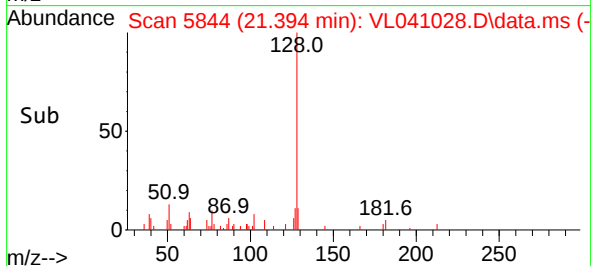
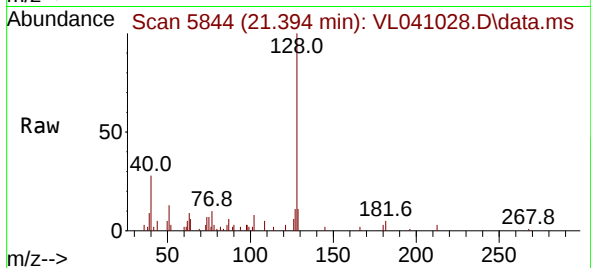
#79
Naphthalene
Concen: 0.261 ppbv m
RT: 21.394 min Scan# 5844
Delta R.T. 0.029 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL

Tgt Ion:128 Resp: 4375
Ion Ratio Lower Upper
128 100
127 11.4 10.9 16.3
129 0.0 9.3 13.9

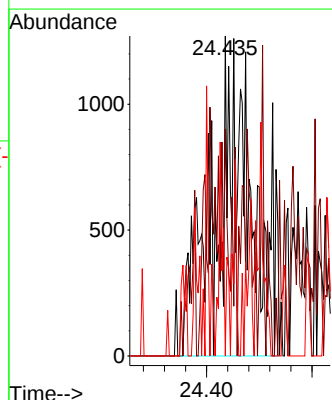
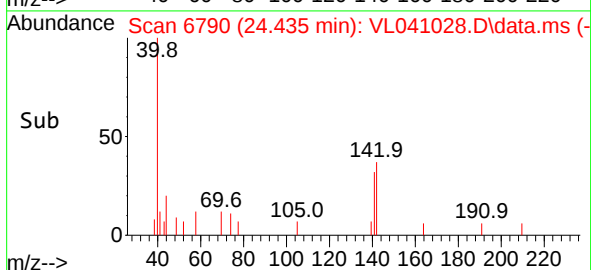
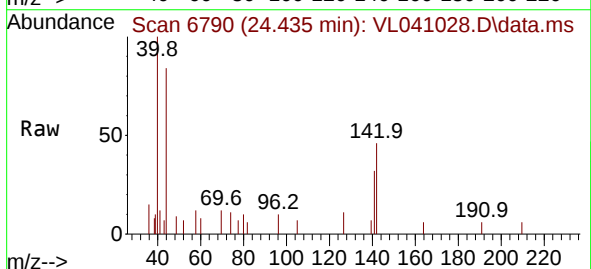
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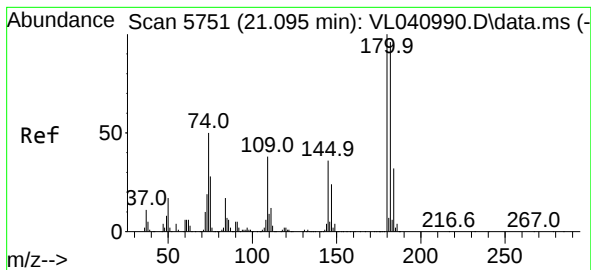
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#80
Naphthalene,2-methyl-
Concen: 0.200 ppbv m
RT: 24.435 min Scan# 6790
Delta R.T. 0.074 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

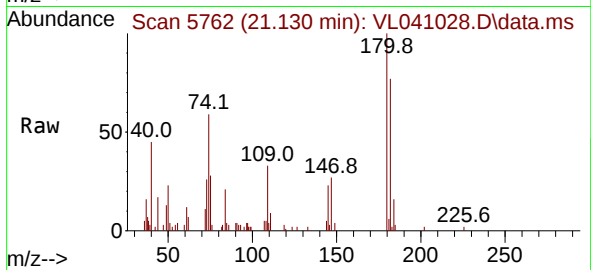
Tgt Ion:142 Resp: 5889
Ion Ratio Lower Upper
142 100
141 38.6 62.7 94.1#
115 13.8 34.0 51.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.310 ppbv m
RT: 21.130 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041028.D
Acq: 25 Jan 2024 14:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2024DL



Tgt Ion:180 Resp: 3027
Ion Ratio Lower Upper
180 100
182 0.0 78.6 118.0
184 0.0 24.4 36.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

