

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041475.D
 Acq On : 1 Aug 2024 12:49
 Operator : SY/MD
 Sample : P3390-15 0.40 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 05:21:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	801807	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2289276	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2087881	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 1632408 10.160 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	83915	0.608	ppbv	98
3) Chlorodifluoromethane	2.681	51	52787	0.553	ppbv	99
4) Chloromethane	2.816	50	27765	0.547	ppbv	95
5) Vinyl Chloride	2.922	62	25392	0.507	ppbv	94
6) Bromomethane	3.118	94	15138m	0.589	ppbv	
7) Chloroethane	3.202	64	9014	0.522	ppbv	93
8) Dichlorotetrafluoroethane	2.861	85	66166	0.541	ppbv	95
9) Propene	2.697	41	24606	0.561	ppbv	96
10) Heptane	7.578	43	41634	0.423	ppbv	99
11) Trichlorofluoromethane	3.562	101	62020	0.506	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.067	101	47255	0.536	ppbv	97
13) Ethanol	3.272	45	1924m	0.491	ppbv	
14) Bromoethene	3.372	108	16934m	0.492	ppbv	
15) Acetone	3.488	43	52833	0.580	ppbv	91
16) 1,3-Butadiene	2.986	39	21438	0.440	ppbv	84
17) tert-Butyl alcohol	3.893	59	42741m	0.514	ppbv	
18) 1,1-Dichloroethene	3.883	96	19132	0.507	ppbv	94
19) Isopropyl Alcohol	3.597	45	29297m	0.550	ppbv	
20) Methylene Chloride	3.935	84	18404	0.542	ppbv	88
21) Allyl Chloride	3.999	41	27259m	0.456	ppbv	
22) trans-1,2-Dichloroethene	4.452	96	18624m	0.494	ppbv	
23) Vinyl Acetate	4.639	43	33388m	0.480	ppbv	
24) 1,1-Dichloroethane	4.568	63	42920m	0.524	ppbv	
25) Ethyl Acetate	5.214	43	77322	0.427	ppbv	97
26) Hexane	5.211	57	33204m	0.442	ppbv	
27) Carbon Disulfide	4.131	76	32161m	0.366	ppbv	
28) Methyl tert-Butyl Ether	4.597	73	22971	0.485	ppbv	97
29) Chloroform	5.275	83	62398m	0.510	ppbv	
30) Cyclohexane	6.600	84	28506m	0.466	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	31989	0.431	ppbv	95
32) 1,1,1-Trichloroethane	6.002	97	54216	0.455	ppbv	95
34) 2-Butanone	4.800	43	47027	0.425	ppbv	100
35) Carbon Tetrachloride	6.491	117	55107m	0.436	ppbv	
36) Benzene	6.369	78	67043	0.401	ppbv	97
37) 1,2-Dichloroethane	5.803	62	43128	0.461	ppbv	97
38) Trichloroethene	7.288	130	32438	0.423	ppbv	88
39) 1,2-Dichloropropane	7.073	63	28639	0.447	ppbv	# 86
40) 1,4-Dioxane	7.320	88	12165m	0.473	ppbv	
41) Tetrahydrofuran	5.584	42	24818m	0.392	ppbv	
42) Bromodichloromethane	7.246	83	53623	0.397	ppbv	# 98
43) Methyl Methacrylate	7.478	69	21885m	0.365	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	118265	0.423	ppbv	# 91
45) t-1,3-Dichloropropene	8.713	75	16043m	0.291	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041475.D
 Acq On : 1 Aug 2024 12:49
 Operator : SY/MD
 Sample : P3390-15 0.40 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 05:21:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

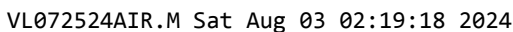
Response via : Initial Calibration

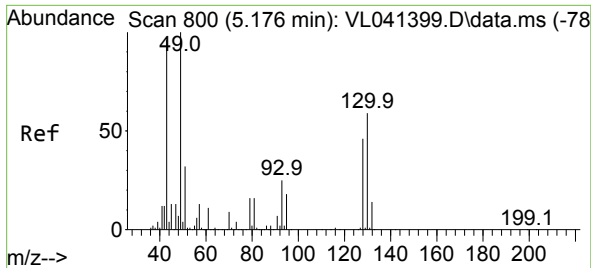
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	25273	0.317	ppbv #	94
47) 1,1,2-Trichloroethane	8.896	97	33003	0.468	ppbv	91
48) Dibromochloromethane	9.706	129	43018m	0.378	ppbv	
49) Bromoform	12.404	173	32727m	0.341	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	66814m	0.382	ppbv	
51) 2-Hexanone	9.587	43	47514m	0.360	ppbv	
52) Tetrachloroethene	10.616	164	26885m	0.416	ppbv	
53) Toluene	9.221	91	66443	0.357	ppbv	98
54) 1,2-Dibromoethane	10.005	107	41874m	0.446	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	38661	0.477	ppbv #	1
57) Chlorobenzene	11.523	112	71864	0.483	ppbv	96
58) Ethyl Benzene	12.089	91	86265	0.358	ppbv	94
59) m/p-Xylene	12.368	91	164913m	0.794	ppbv	
60) o-Xylene	13.060	91	77407	0.394	ppbv	96
61) Styrene	12.902	104	28616m	0.323	ppbv	
62) Isopropylbenzene	14.031	105	126602	0.424	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	66073m	0.532	ppbv	
64) n-propylbenzene	14.912	120	29725m	0.381	ppbv	
65) tert-Butylbenzene	16.085	119	102564	0.380	ppbv	92
66) Benzyl Chloride	16.333	91	7173m	0.414	ppbv	
67) sec-Butylbenzene	16.638	105	150159	0.404	ppbv	98
69) p-Isopropyltoluene	16.998	119	114568m	0.371	ppbv	
70) n-Butylbenzene	17.896	91	119592m	0.378	ppbv	
71) 2-Chlorotoluene	14.799	91	88416m	0.401	ppbv	
72) 4-Ethyltoluene	15.198	105	86575m	0.374	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	76268m	0.383	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	92215	0.398	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	66243m	0.455	ppbv	
76) 1,4-Dichlorobenzene	16.471	146	66258m	0.470	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	66036m	0.457	ppbv	
78) Hexachloro-1,3-Butadiene	22.628	225	64520m	0.524	ppbv	
79) Naphthalene	21.397	128	63524m	0.311	ppbv	
80) Naphthalene,2-methyl-	24.378	142	34041m	0.199	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	45116m	0.371	ppbv	

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

Manual Integrations APPROVED

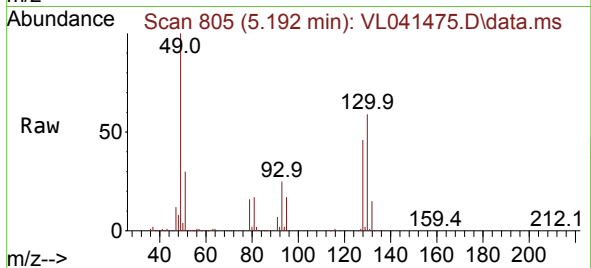
Quant Time: Aug 02 05:21:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

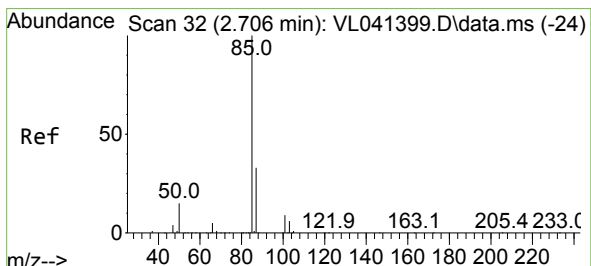
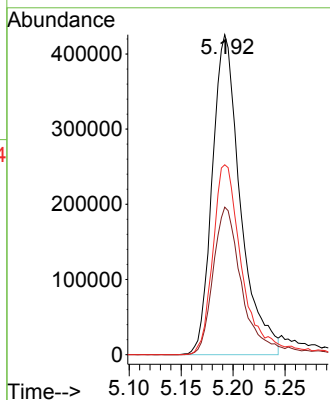
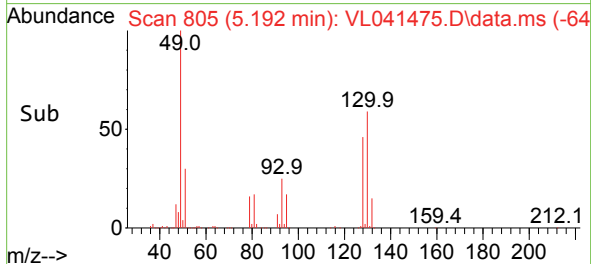
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 49 Resp: 80180
Ion Ratio Lower Upper
49 100
128 48.6 23.8 71.4
130 64.1 30.8 92.4

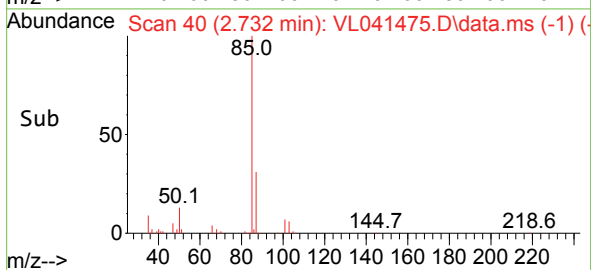
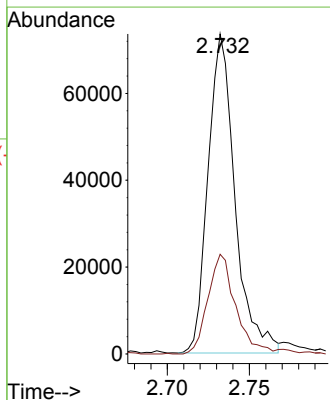
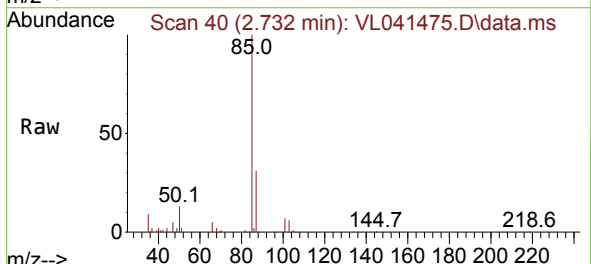
Manual Integrations
APPROVED

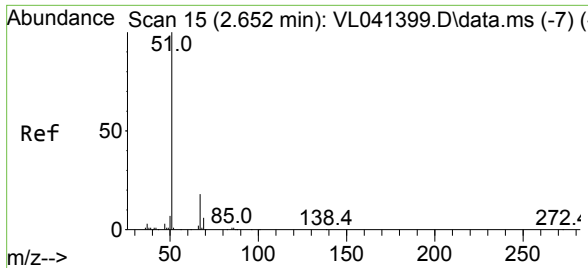
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#2
Dichlorodifluoromethane
Concen: 0.608 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

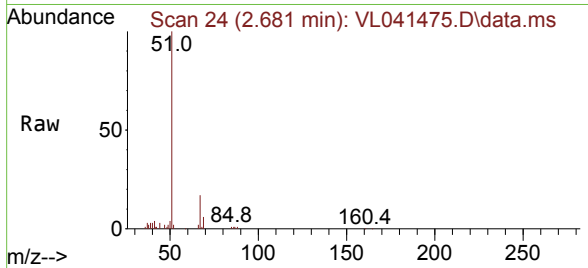
Tgt Ion: 85 Resp: 83915
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.553 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

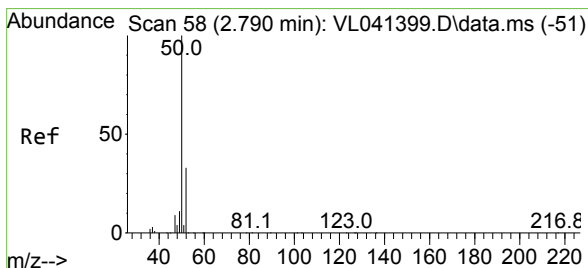
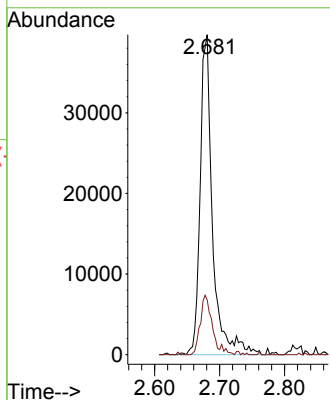
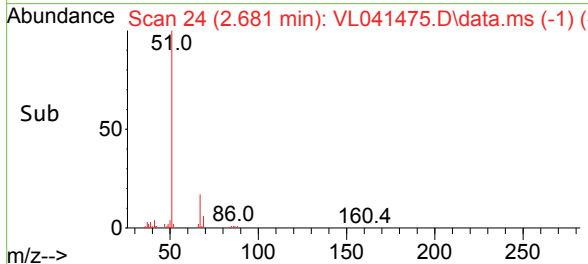
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 51 Resp: 5278
Ion Ratio Lower Upper
51 100
67 18.5 14.5 21.7

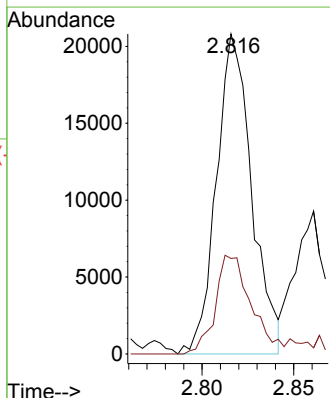
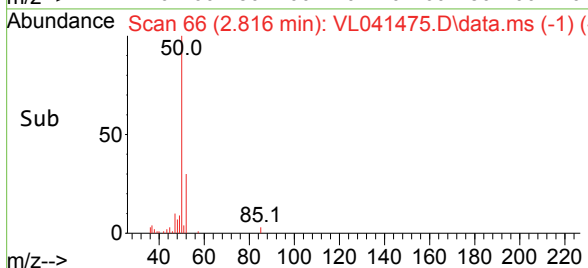
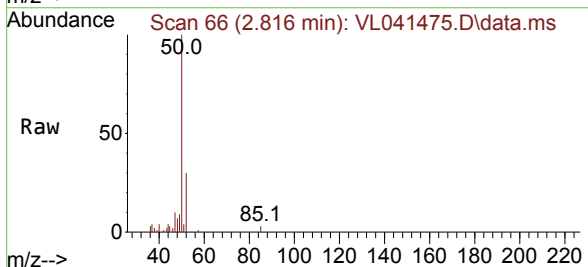
Manual Integrations
APPROVED

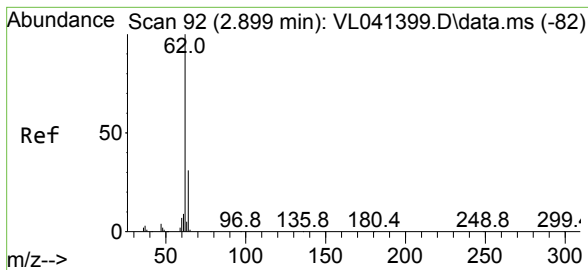
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#4
Chloromethane
Concen: 0.547 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

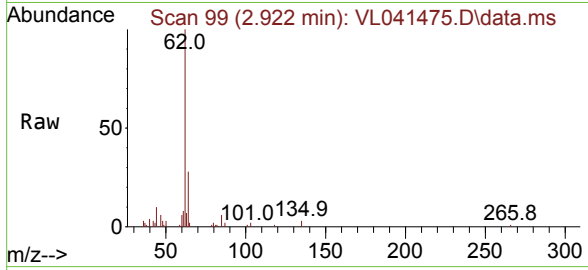
Tgt Ion: 50 Resp: 27765
Ion Ratio Lower Upper
50 100
52 29.8 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.507 ppbv
 RT: 2.922 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

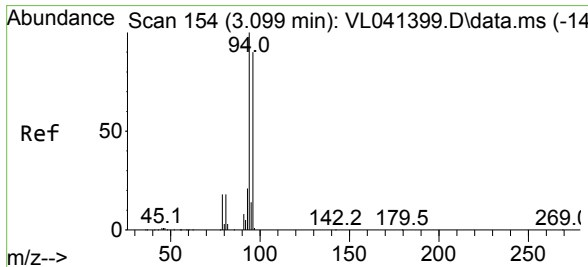
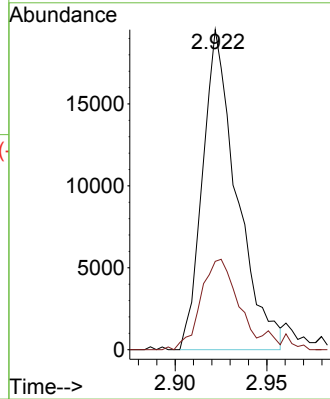
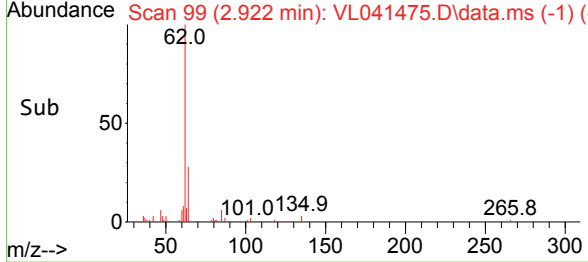
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 25392
 Ion Ratio Lower Upper
 62 100
 64 27.7 25.0 37.4

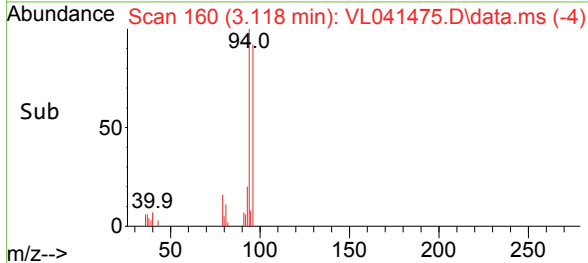
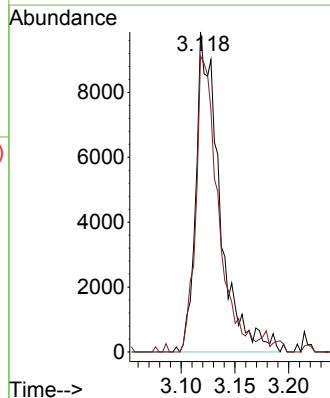
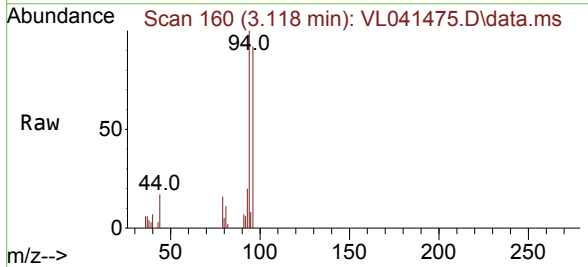
Manual Integrations
 APPROVED

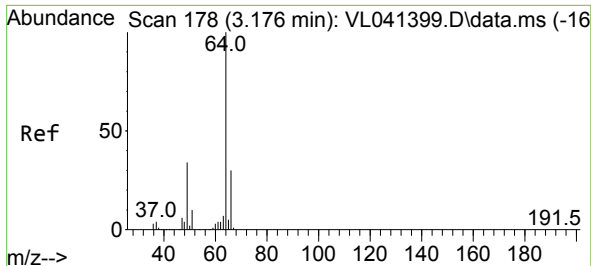
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#6
 Bromomethane
 Concen: 0.589 ppbv m
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

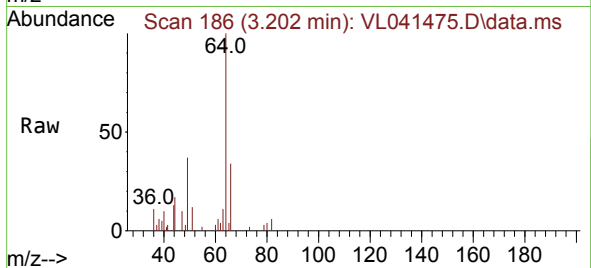
Tgt Ion: 94 Resp: 15138
 Ion Ratio Lower Upper
 94 100
 96 92.5 72.3 108.5





#7
Chloroethane
Concen: 0.522 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

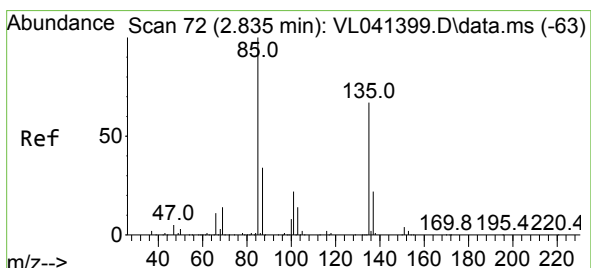
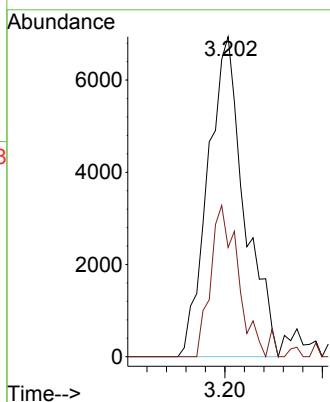
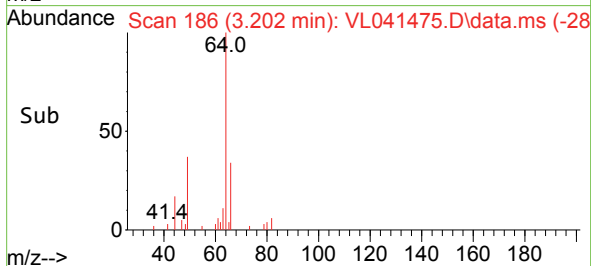
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 64 Resp: 9014
Ion Ratio Lower Upper
64 100
66 34.2 24.2 36.2

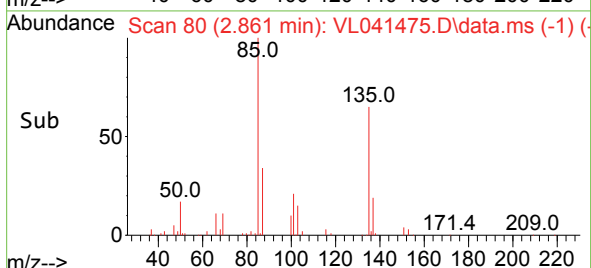
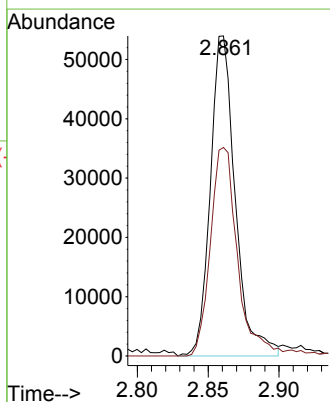
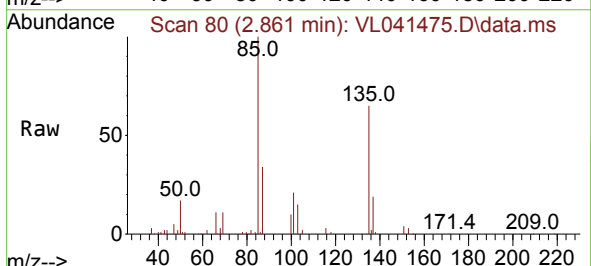
Manual Integrations
APPROVED

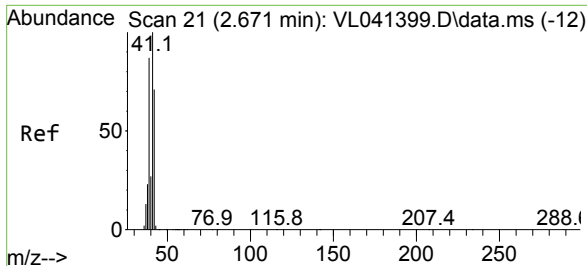
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#8
Dichlorotetrafluoroethane
Concen: 0.541 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

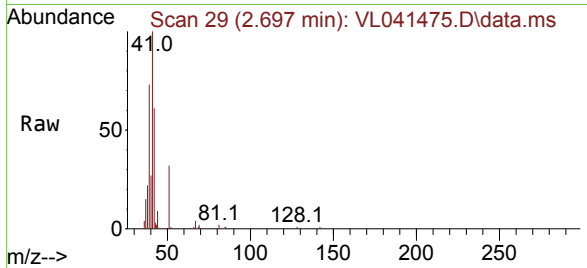
Tgt Ion: 85 Resp: 66166
Ion Ratio Lower Upper
85 100
135 73.0 55.4 83.0





#9
Propene
Concen: 0.561 ppbv
RT: 2.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

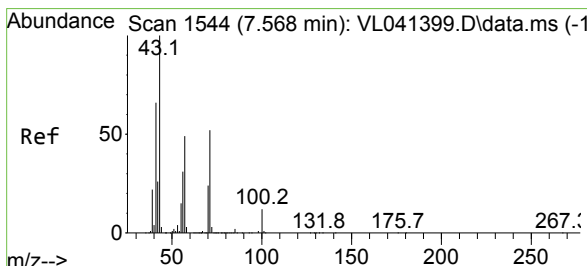
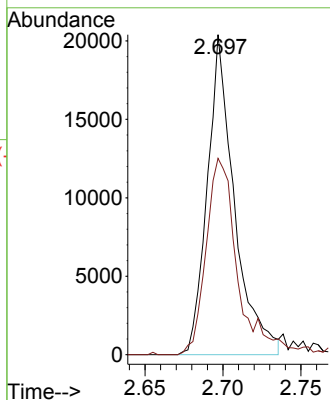
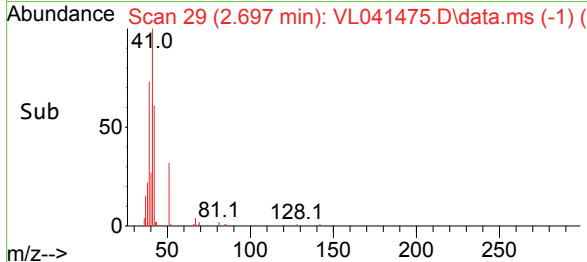
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



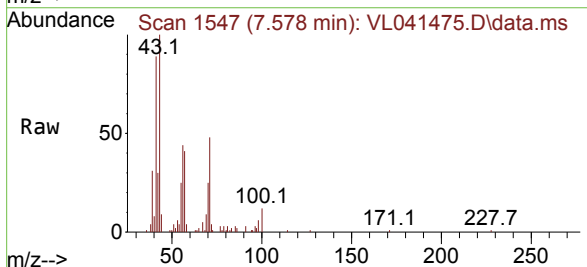
Tgt Ion: 41 Resp: 24600
Ion Ratio Lower Upper
41 100
42 73.3 55.9 83.9

Manual Integrations
APPROVED

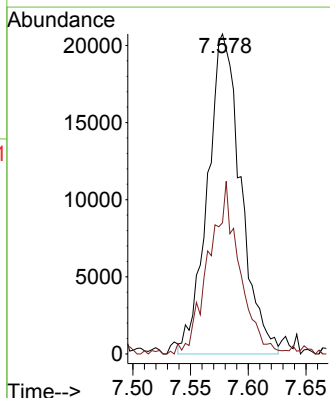
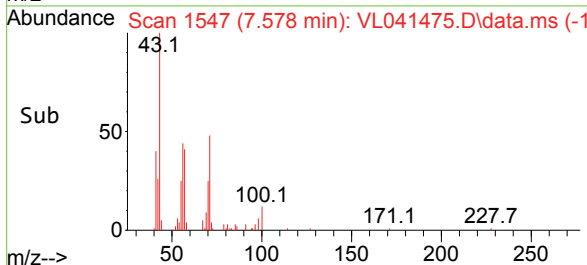
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

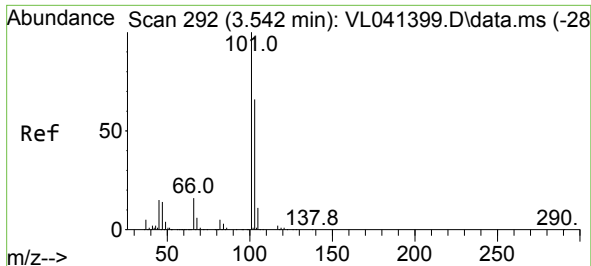


#10
Heptane
Concen: 0.423 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



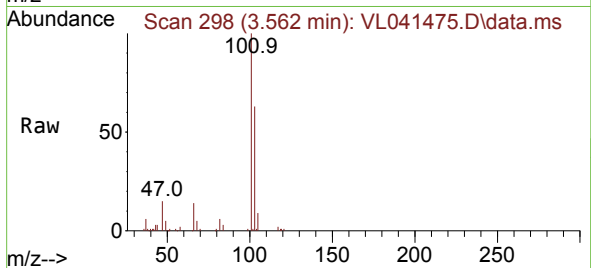
Tgt Ion: 43 Resp: 41634
Ion Ratio Lower Upper
43 100
57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.506 ppbv
RT: 3.562 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

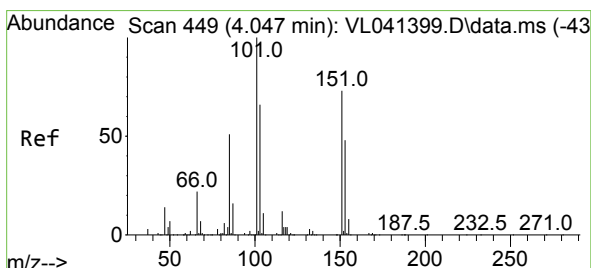
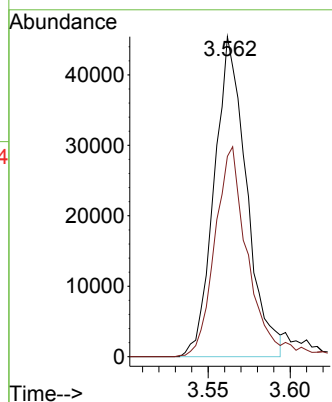
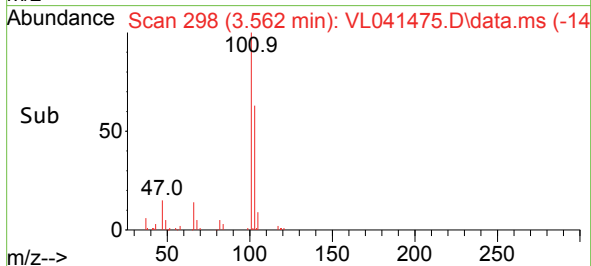
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:101 Resp: 62020
Ion Ratio Lower Upper
101 100
103 62.2 52.6 79.0

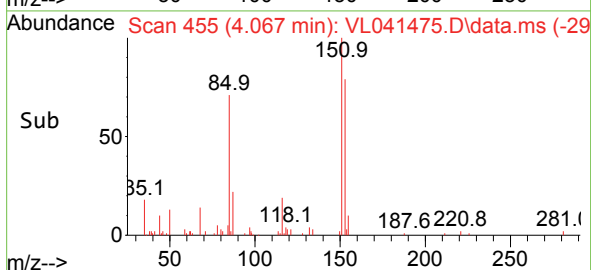
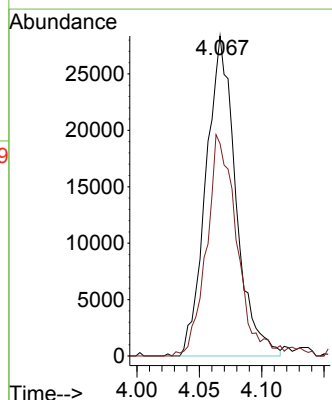
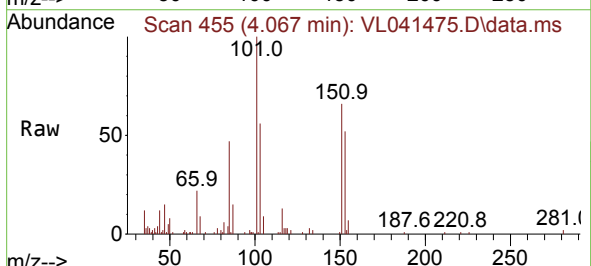
Manual Integrations
APPROVED

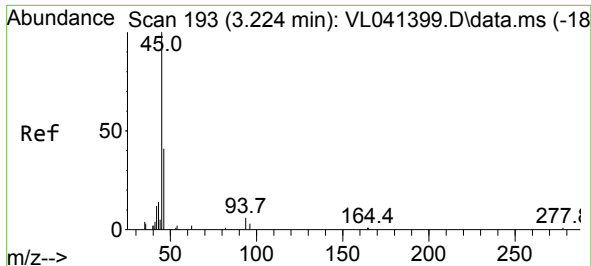
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.536 ppbv
RT: 4.067 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

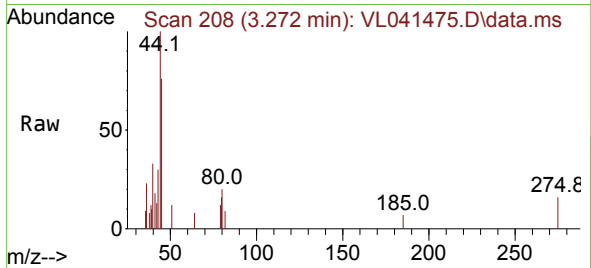
Tgt Ion:101 Resp: 47255
Ion Ratio Lower Upper
101 100
151 71.6 59.4 89.2





#13
Ethanol
Concen: 0.491 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.026 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

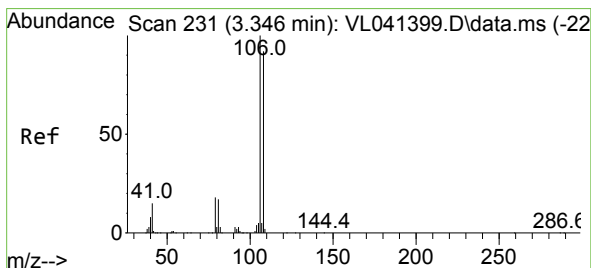
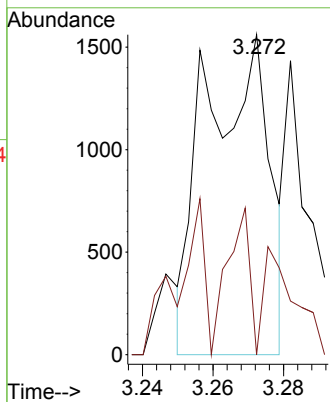
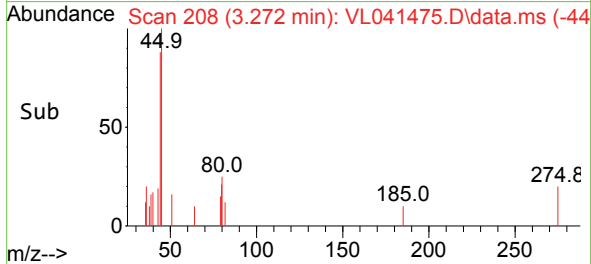
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



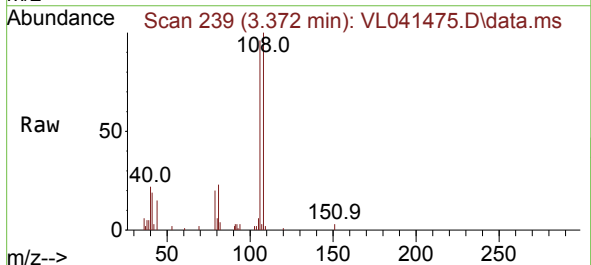
Tgt Ion: 45 Resp: 1924
Ion Ratio Lower Upper
45 100
46 72.5 13.4 53.4

Manual Integrations
APPROVED

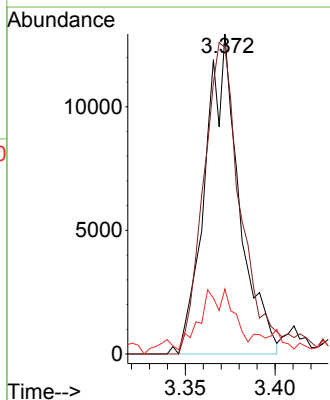
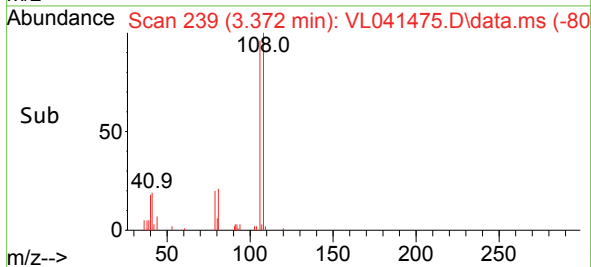
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

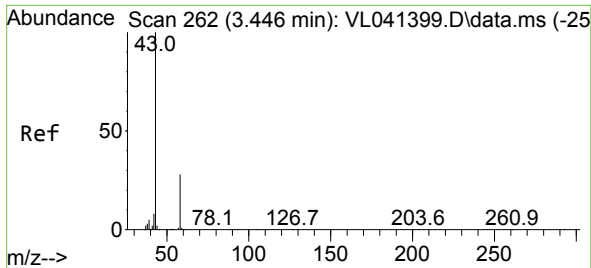


#14
Bromoethene
Concen: 0.492 ppbv m
RT: 3.372 min Scan# 239
Delta R.T. 0.010 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



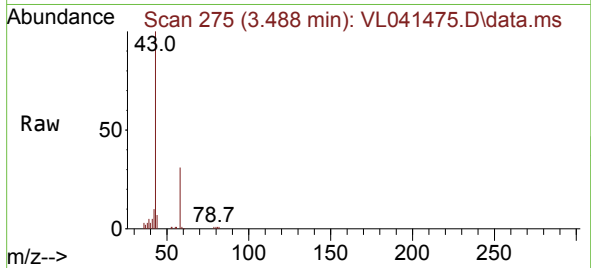
Tgt Ion:108 Resp: 16934
Ion Ratio Lower Upper
108 100
106 113.3 86.9 130.3
79 31.9 16.2 24.4





#15
Acetone
Concen: 0.580 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

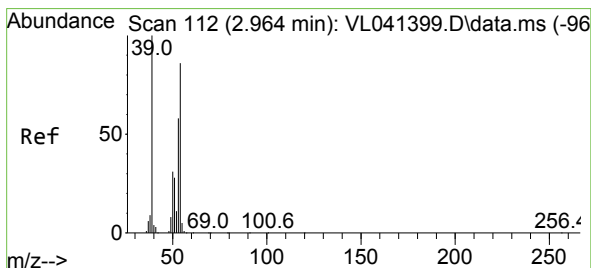
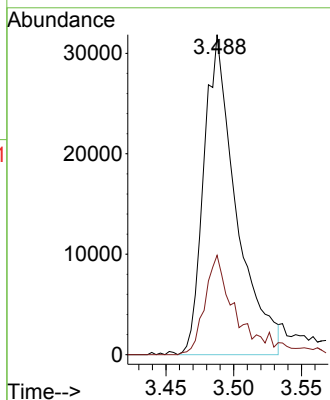
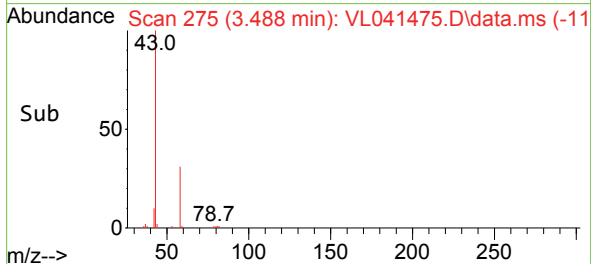
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



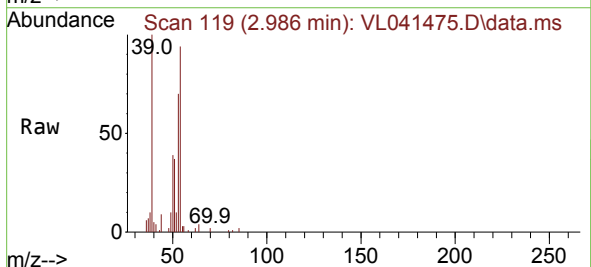
Tgt Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
58 31.7 21.4 32.2

Manual Integrations
APPROVED

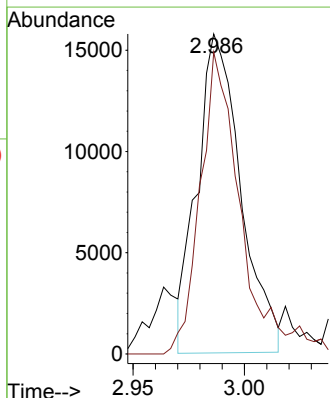
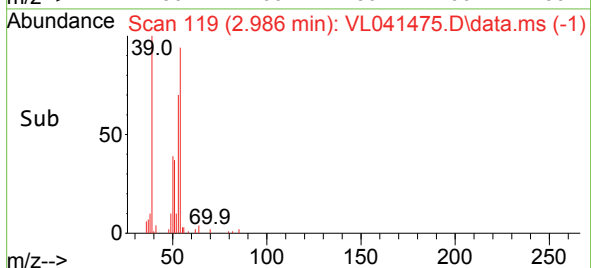
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

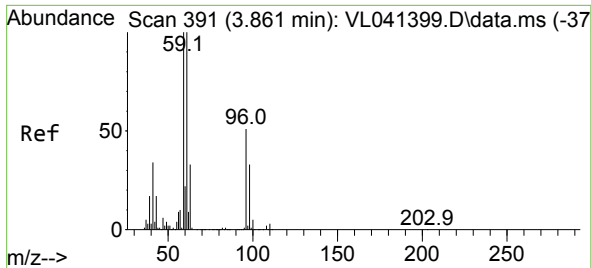


#16
1,3-Butadiene
Concen: 0.440 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



Tgt Ion: 39 Resp: 21438
Ion Ratio Lower Upper
39 100
54 91.7 62.5 93.7





#17

tert-Butyl alcohol

Concen: 0.514 ppbv m

RT: 3.893 min Scan# 401

Delta R.T. 0.019 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 59 Resp: 4274

Ion Ratio Lower Upper

59 100

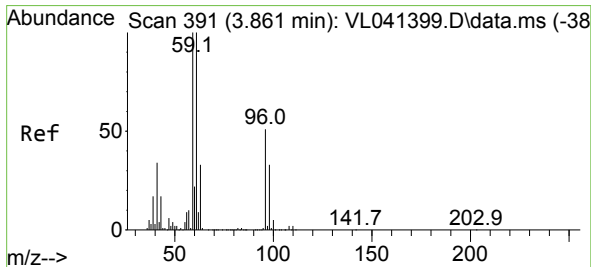
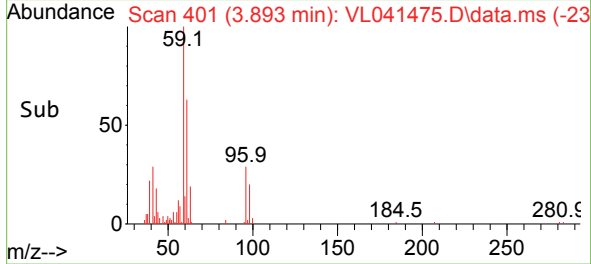
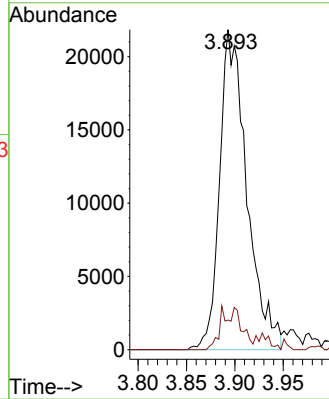
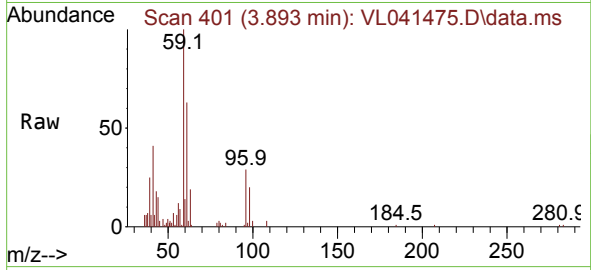
57 12.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#18

1,1-Dichloroethene

Concen: 0.507 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.006 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

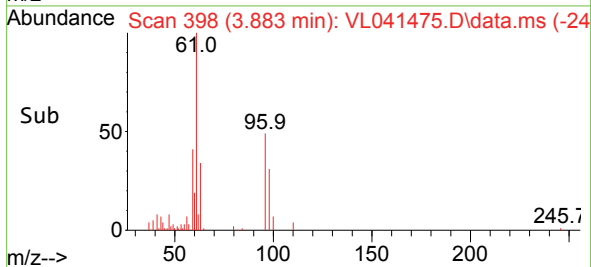
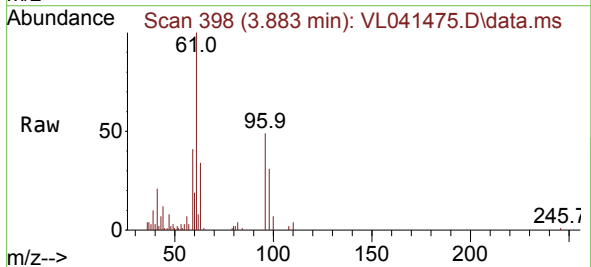
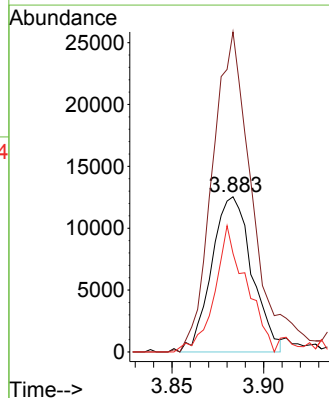
Tgt Ion: 96 Resp: 19132

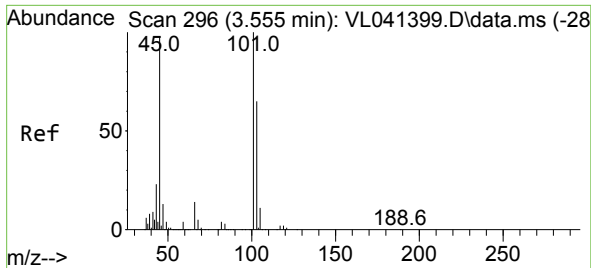
Ion Ratio Lower Upper

96 100

61 206.1 157.5 236.3

98 60.6 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.550 ppbv m

RT: 3.597 min Scan# 309

Delta R.T. 0.023 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

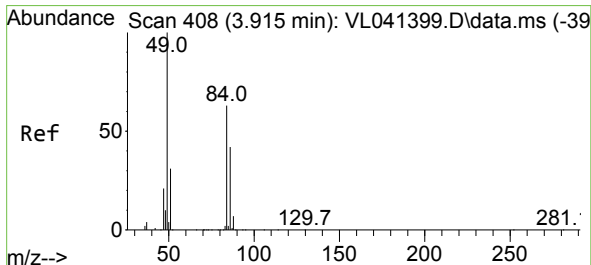
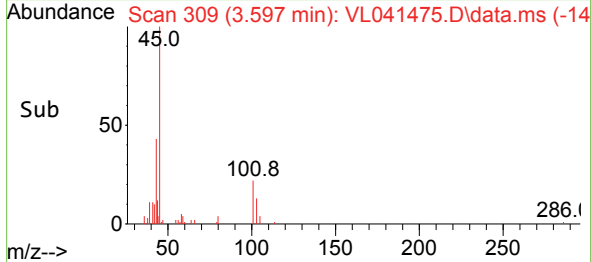
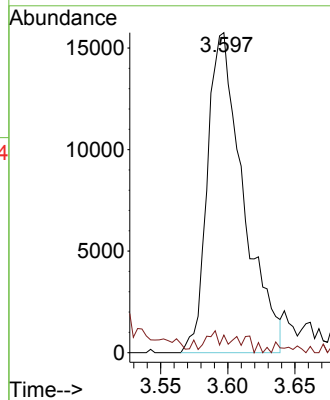
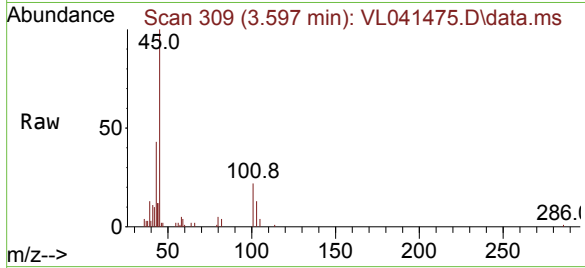
MDL-AIR-03-QT3-2024

Tgt Ion: 45 Resp: 2929
 Ion Ratio Lower Upper
 45 100
 58 7.6 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#20

Methylene Chloride

Concen: 0.542 ppbv

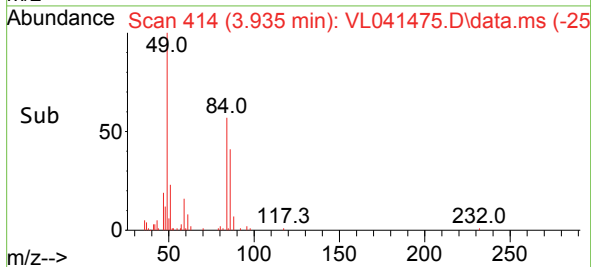
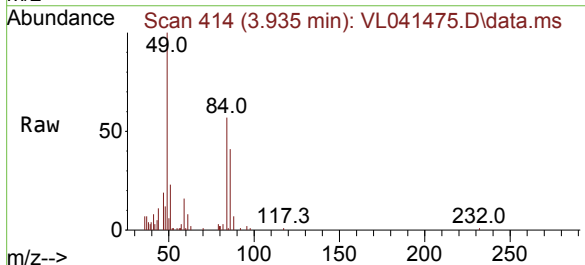
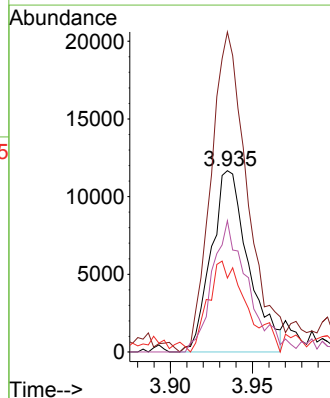
RT: 3.935 min Scan# 414

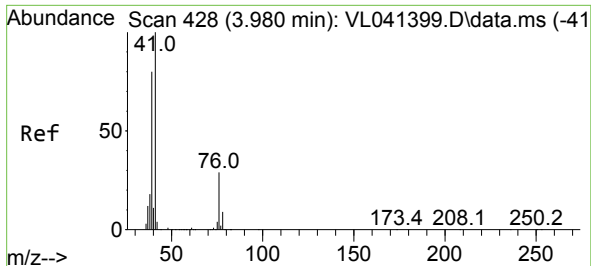
Delta R.T. 0.003 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

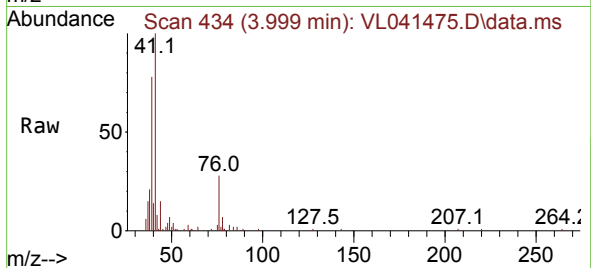
Tgt Ion: 84 Resp: 18404
 Ion Ratio Lower Upper
 84 100
 49 176.6 126.6 190.0
 51 40.8 38.6 58.0
 86 72.4 53.0 79.4





#21
 Allyl Chloride
 Concen: 0.456 ppbv m
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

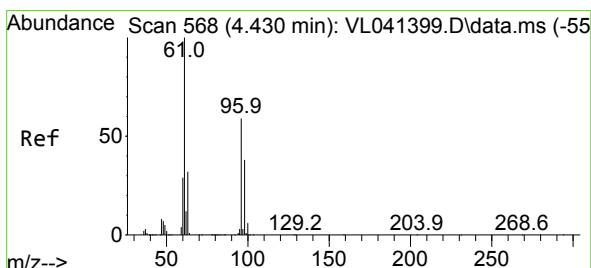
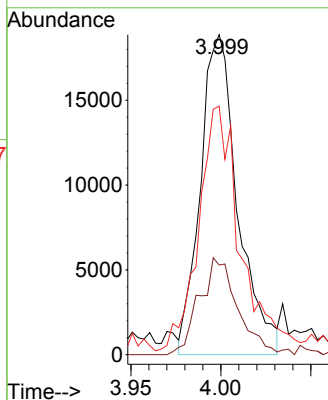
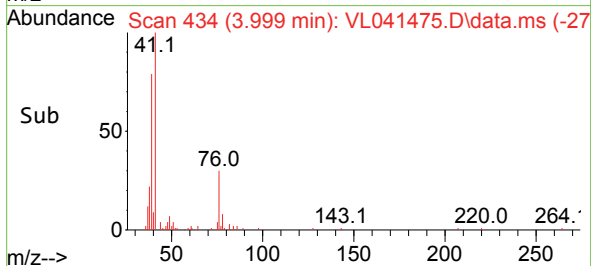
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



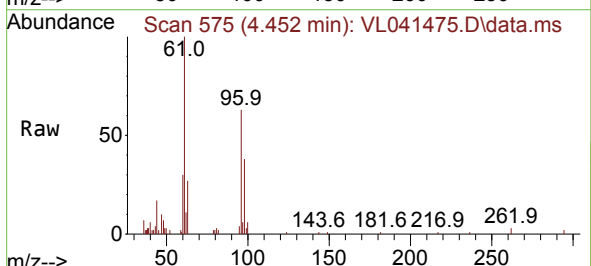
Tgt Ion: 41 Resp: 2725
 Ion Ratio Lower Upper
 41 100
 76 32.7 23.7 35.5
 39 88.3 64.3 96.5

Manual Integrations
 APPROVED

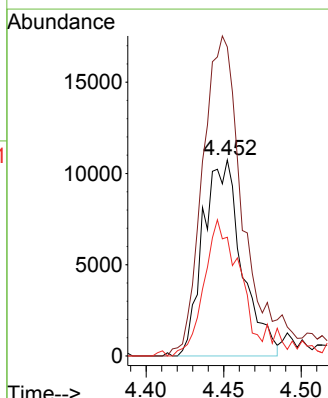
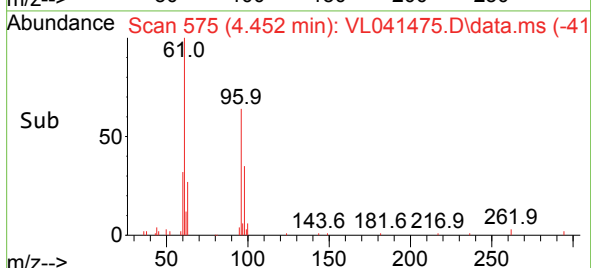
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

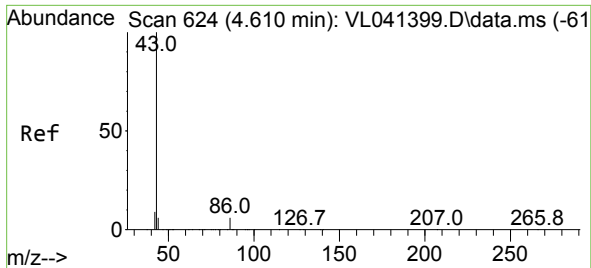


#22
 trans-1,2-Dichloroethene
 Concen: 0.494 ppbv m
 RT: 4.452 min Scan# 575
 Delta R.T. 0.010 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49



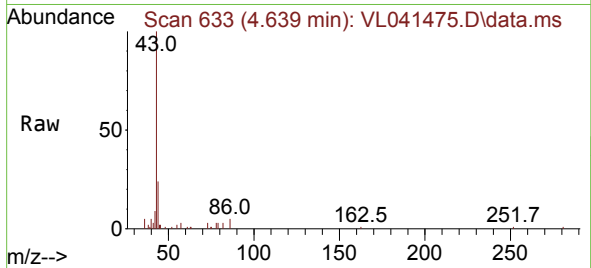
Tgt Ion: 96 Resp: 18624
 Ion Ratio Lower Upper
 96 100
 61 157.6 135.4 203.2
 98 60.6 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.480 ppbv m
 RT: 4.639 min Scan# 611
 Delta R.T. 0.013 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

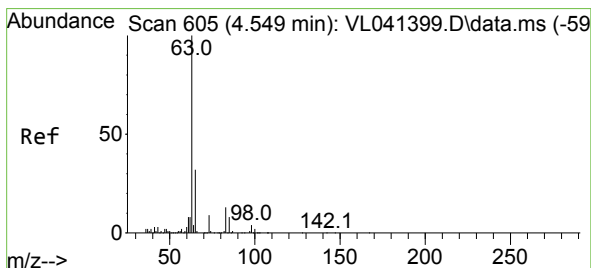
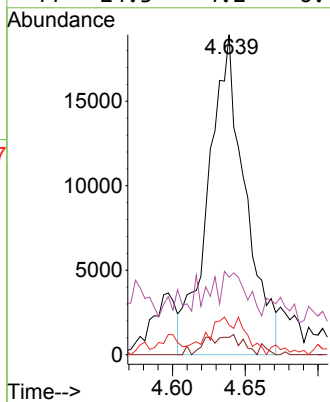
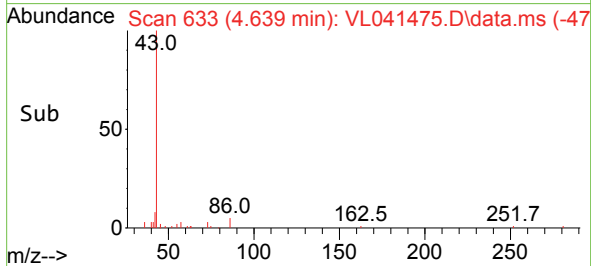
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 3338
 Ion Ratio Lower Upper
 43 100
 86 5.4 4.6 6.8
 42 9.3 7.9 11.9
 44 24.3 4.2 6.4#

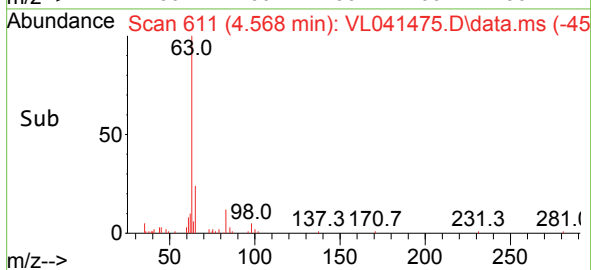
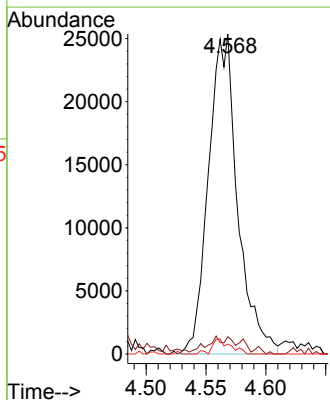
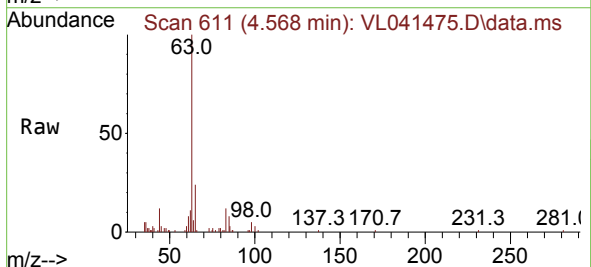
Manual Integrations
 APPROVED

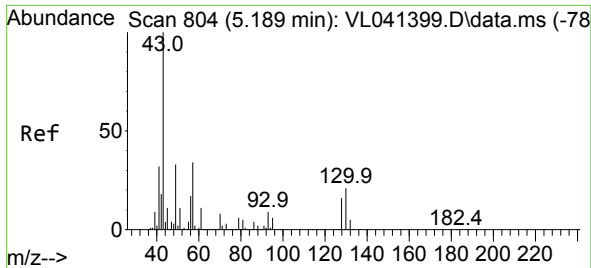
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#24
 1,1-Dichloroethane
 Concen: 0.524 ppbv m
 RT: 4.568 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

Tgt Ion: 63 Resp: 42920
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.0 6.0
 100 3.1 1.2 3.6





#25
Ethyl Acetate
Concen: 0.427 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

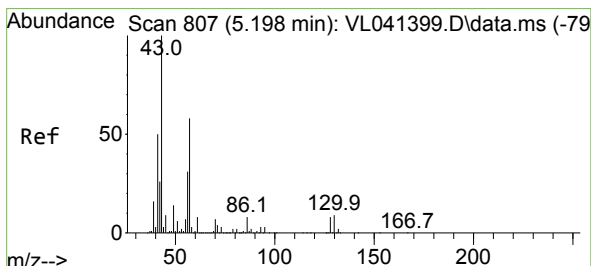
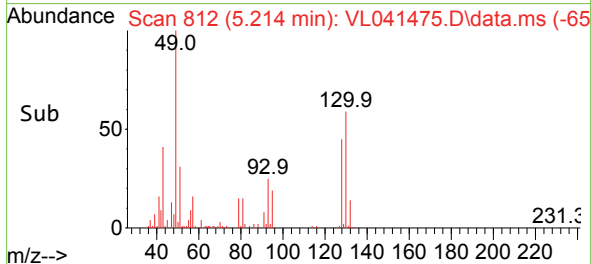
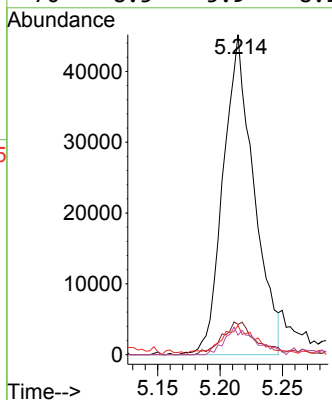
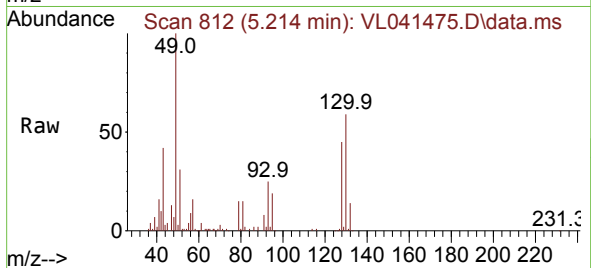
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 7732

Ion	Ratio	Lower	Upper
43	100		
45	12.4	8.5	12.7
61	10.8	8.0	12.0
70	8.5	5.9	8.9

Manual Integrations
APPROVED

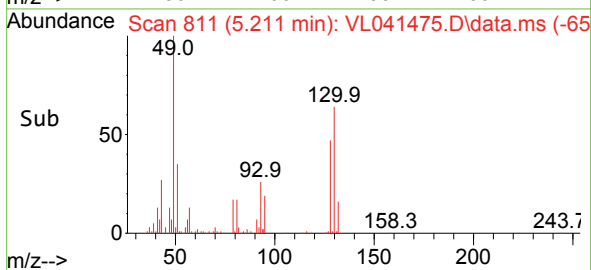
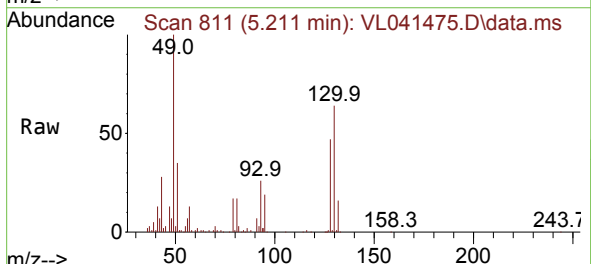
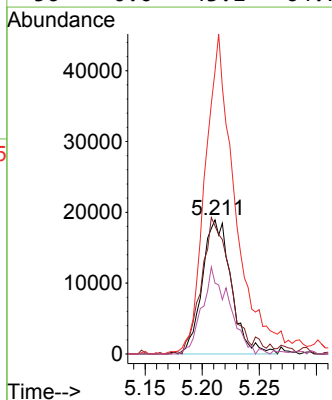
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

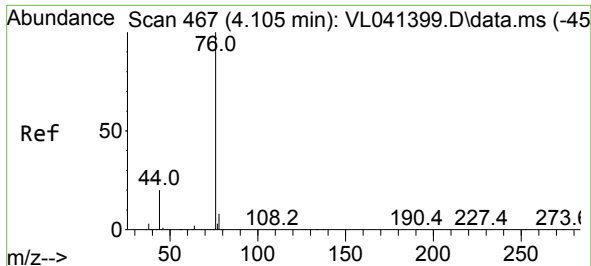


#26
Hexane
Concen: 0.442 ppbv m
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

Tgt Ion: 57 Resp: 33204

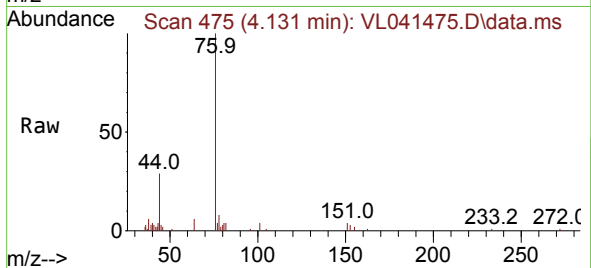
Ion	Ratio	Lower	Upper
57	100		
41	0.0	74.0	111.0#
43	266.7	193.6	290.4
56	0.0	43.1	64.7#





#27
Carbon Disulfide
Concen: 0.366 ppbv m
RT: 4.131 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

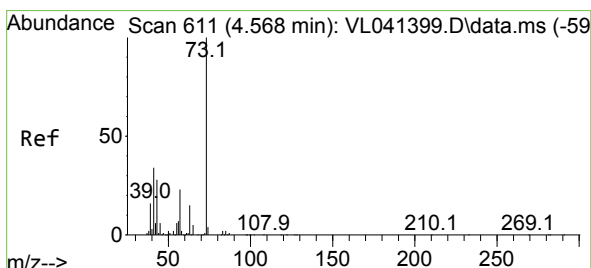
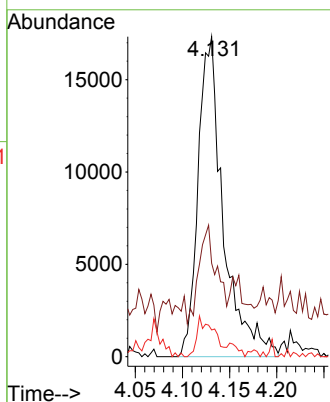
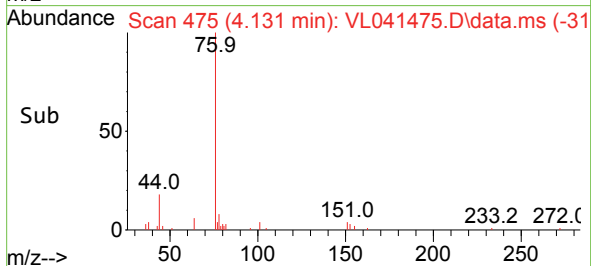
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 76 Resp: 3216
Ion Ratio Lower Upper
76 100
44 29.5 15.6 23.4
78 10.9 7.7 11.5

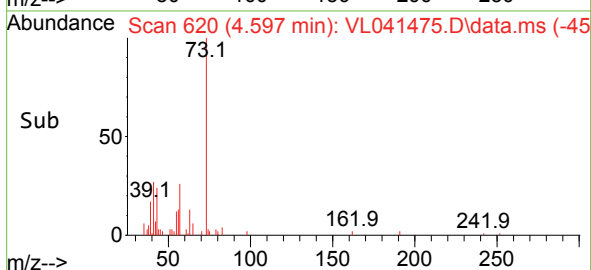
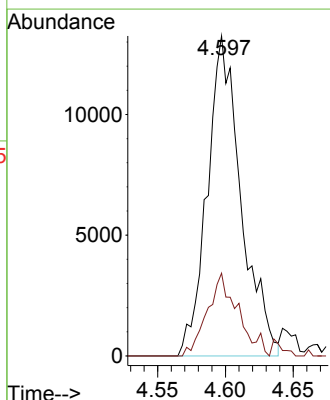
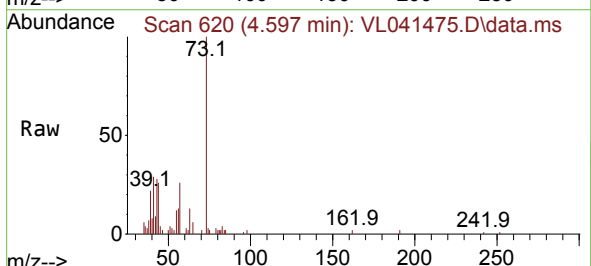
Manual Integrations
APPROVED

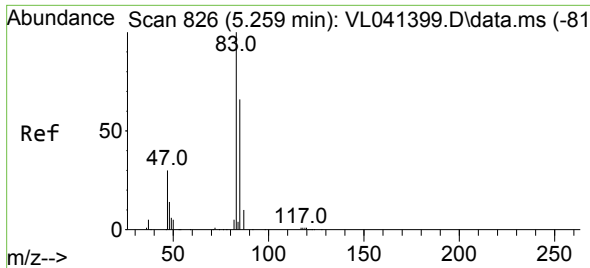
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#28
Methyl tert-Butyl Ether
Concen: 0.485 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.016 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

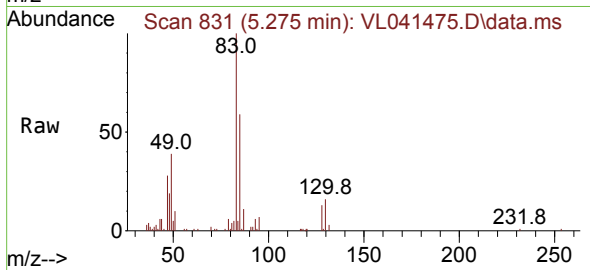
Tgt Ion: 73 Resp: 22971
Ion Ratio Lower Upper
73 100
57 25.0 18.9 28.3





#29
Chloroform
Concen: 0.510 ppbv m
RT: 5.275 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

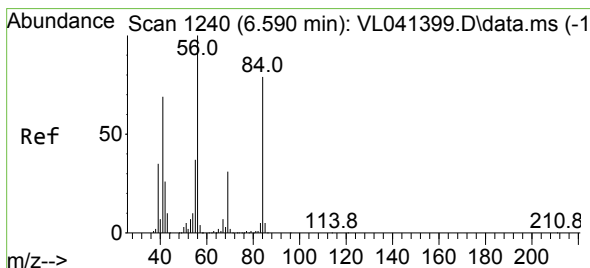
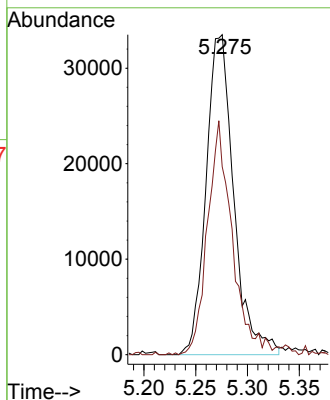
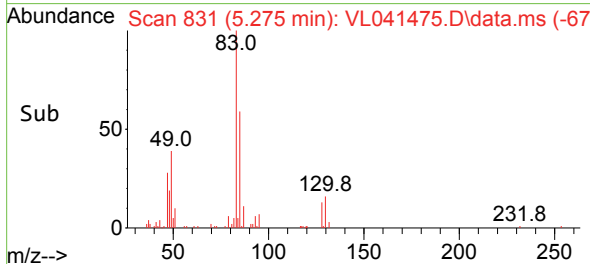
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 83 Resp: 62398
Ion Ratio Lower Upper
83 100
85 58.8 53.1 79.7

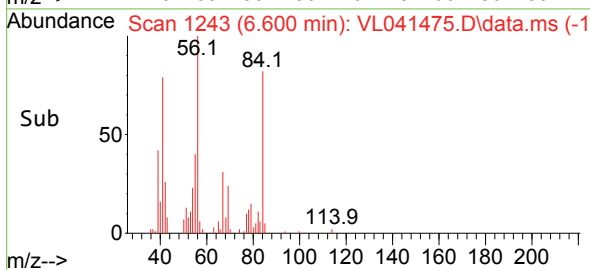
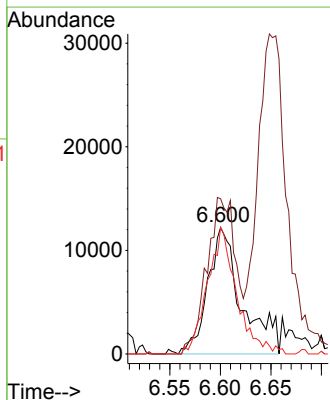
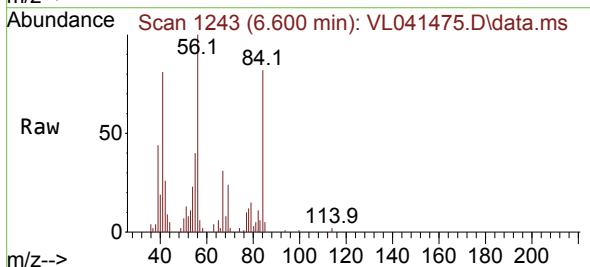
Manual Integrations
APPROVED

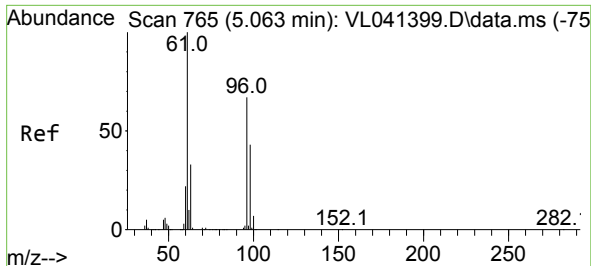
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#30
Cyclohexane
Concen: 0.466 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

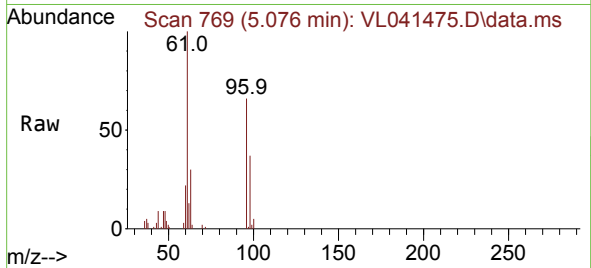
Tgt Ion: 84 Resp: 28506
Ion Ratio Lower Upper
84 100
56 105.1 111.2 166.8#
41 86.0 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 0.431 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

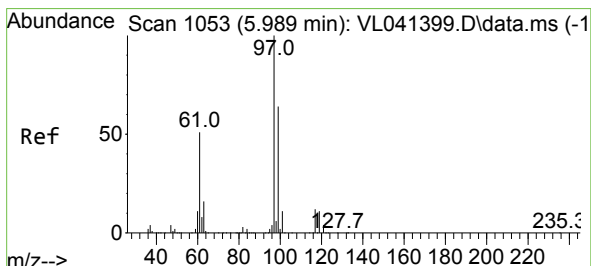
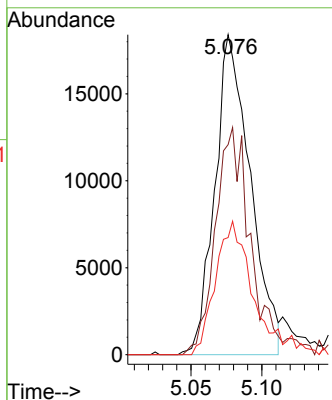
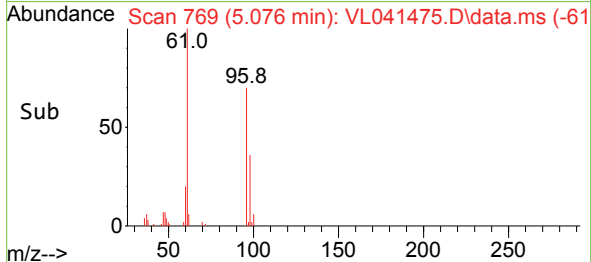
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 61 Resp: 31989
 Ion Ratio Lower Upper
 61 100
 96 65.7 53.4 80.2
 98 36.6 34.4 51.6

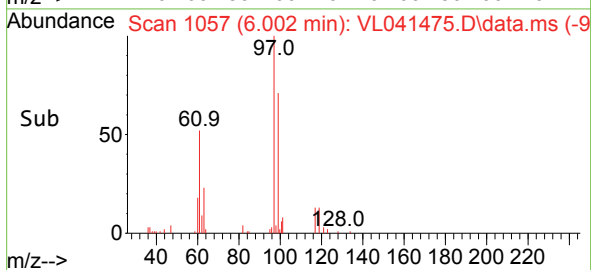
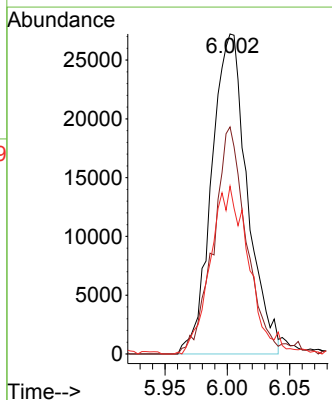
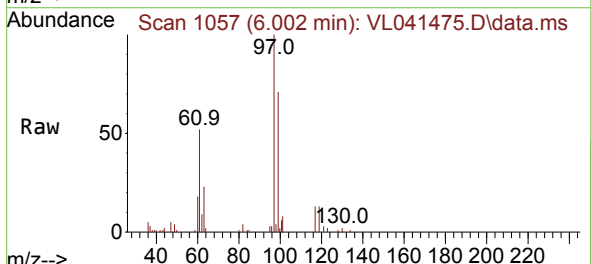
Manual Integrations
 APPROVED

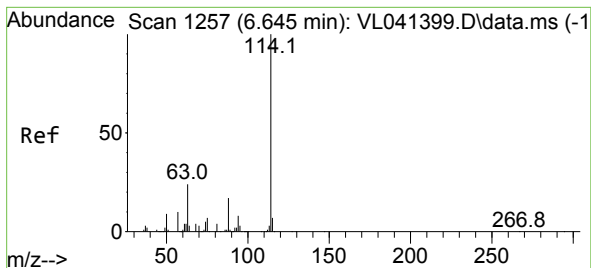
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.003 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

Tgt Ion: 97 Resp: 54216
 Ion Ratio Lower Upper
 97 100
 99 67.2 52.0 78.0
 61 57.2 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041475.D

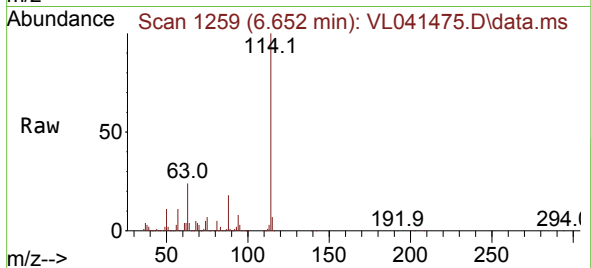
Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:114 Resp: 228927

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

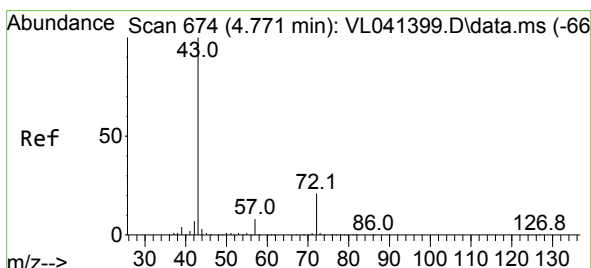
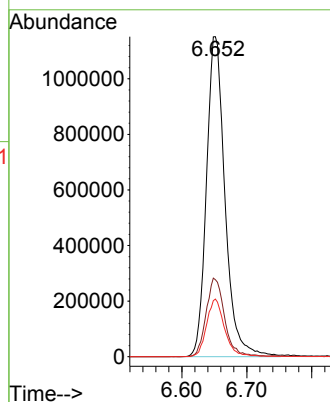
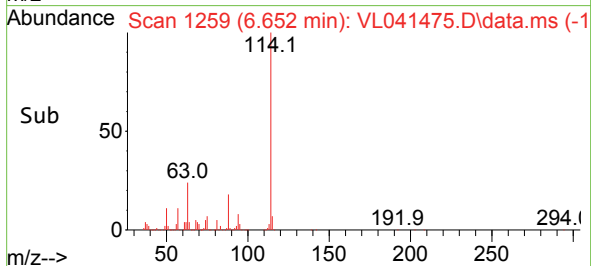
88 17.6 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#34

2-Butanone

Concen: 0.425 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.016 min

Lab File: VL041475.D

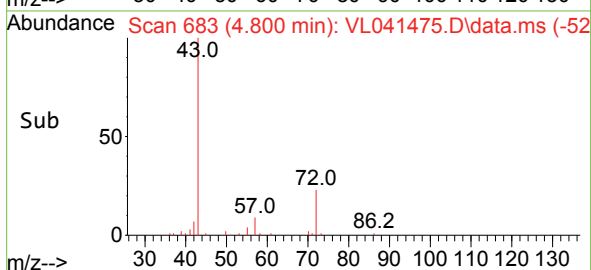
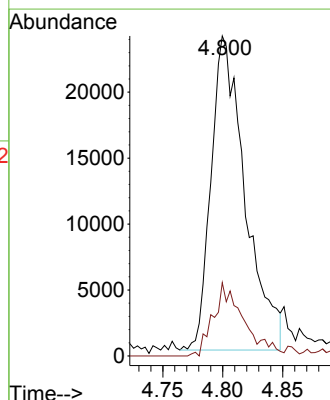
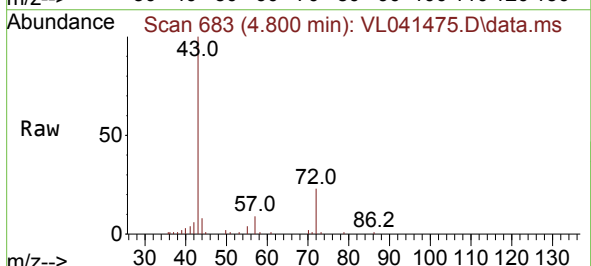
Acq: 1 Aug 2024 12:49

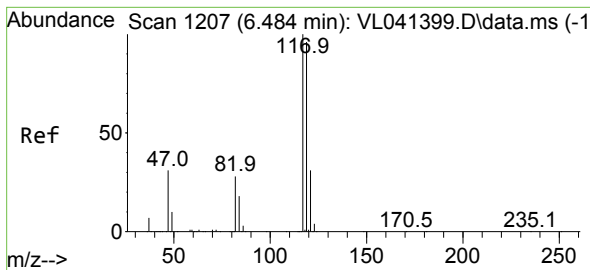
Tgt Ion: 43 Resp: 47027

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.436 ppbv

RT: 6.491 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

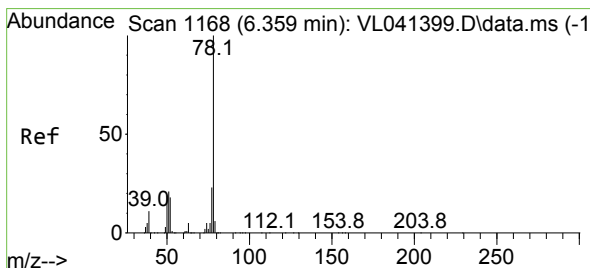
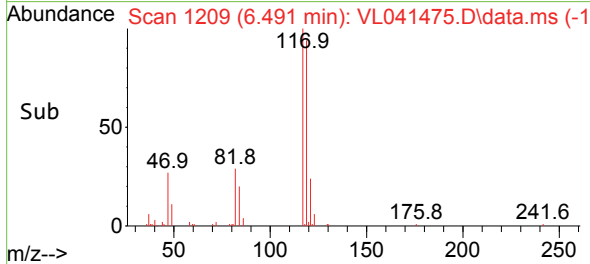
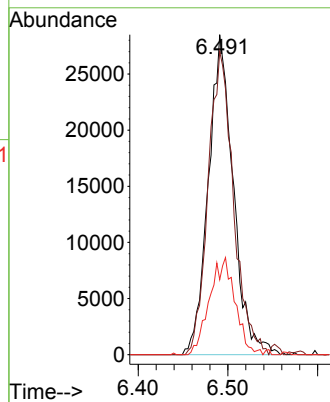
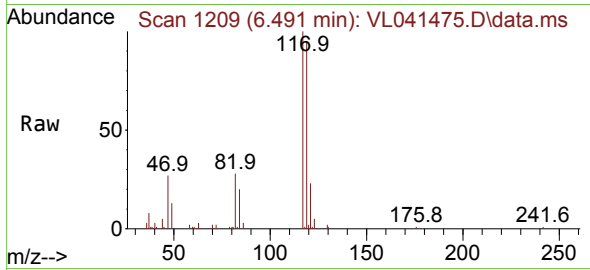
MDL-AIR-03-QT3-2024

Tgt Ion:	117	Resp:	5510
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
121	23.4	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#36

Benzene

Concen: 0.401 ppbv

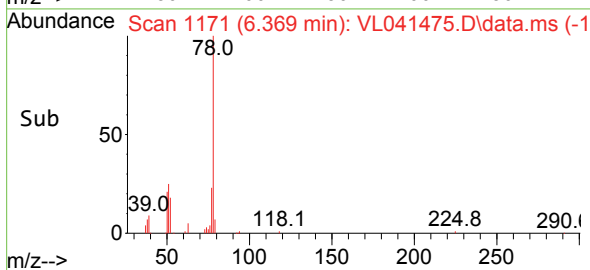
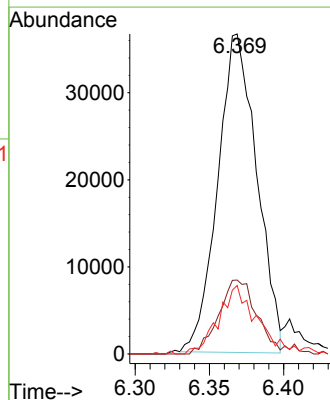
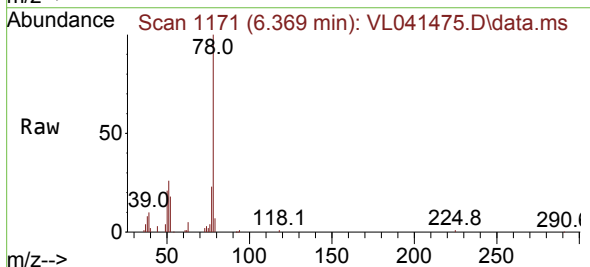
RT: 6.369 min Scan# 1171

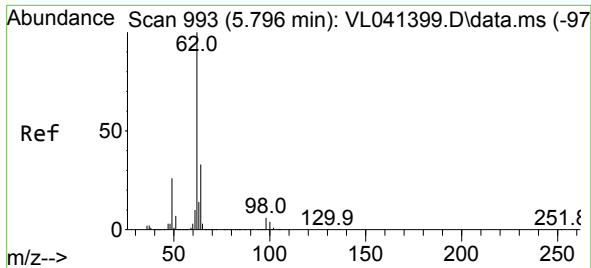
Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Tgt Ion:	78	Resp:	67043
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.1	27.1
50	21.6	15.5	23.3





#37

1,2-Dichloroethane

Concen: 0.461 ppbv

RT: 5.803 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

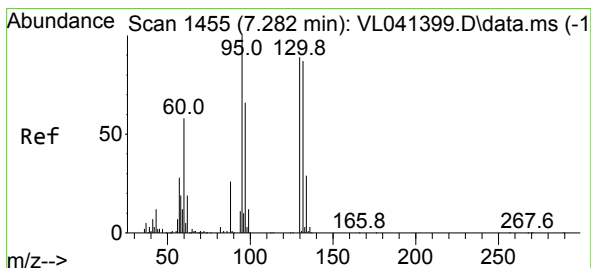
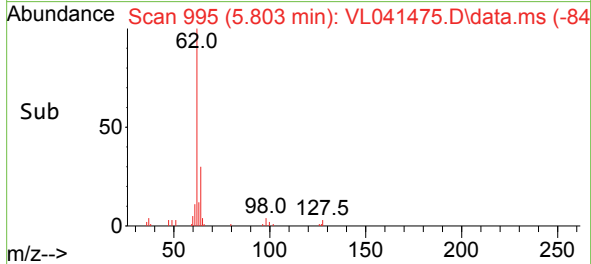
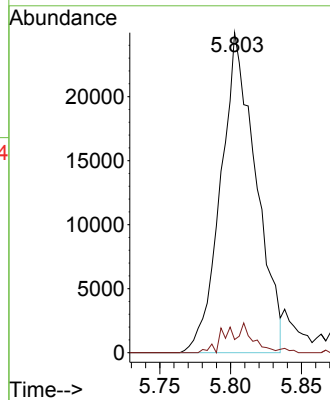
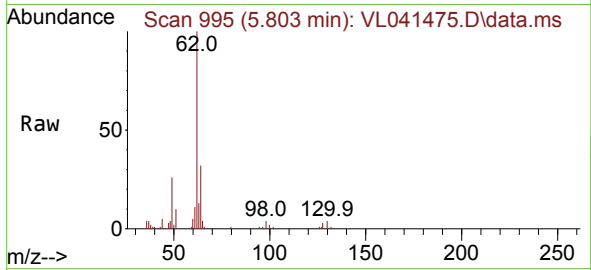
MDL-AIR-03-QT3-2024

Tgt Ion: 62 Resp: 43128
 Ion Ratio Lower Upper
 62 100
 98 7.3 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#38

Trichloroethene

Concen: 0.423 ppbv

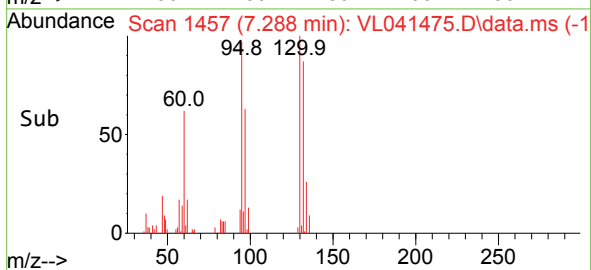
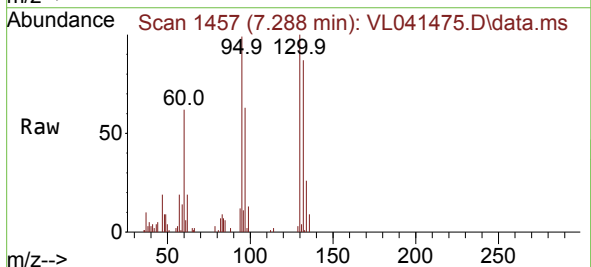
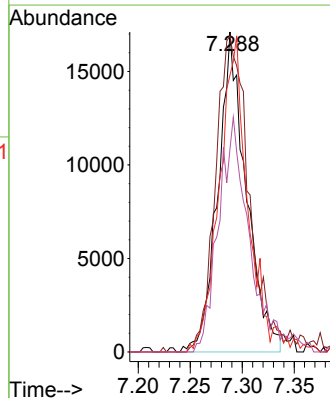
RT: 7.288 min Scan# 1457

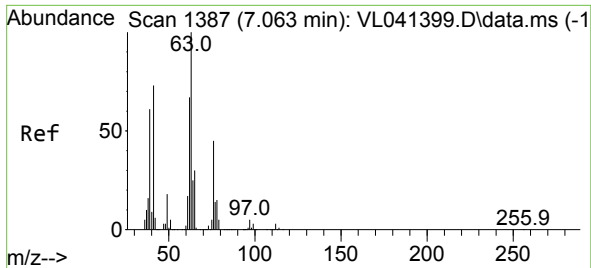
Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Tgt Ion:130 Resp: 32438
 Ion Ratio Lower Upper
 130 100
 95 98.8 90.2 135.2
 132 86.5 78.1 117.1
 97 63.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.447 ppbv

RT: 7.073 min Scan# 1467

Delta R.T. 0.003 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

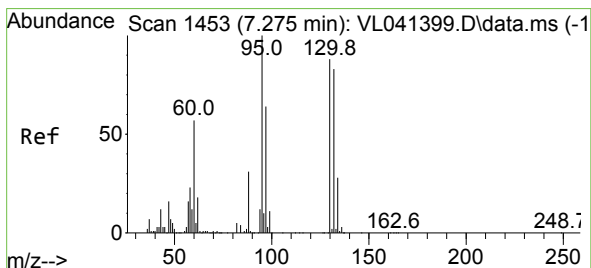
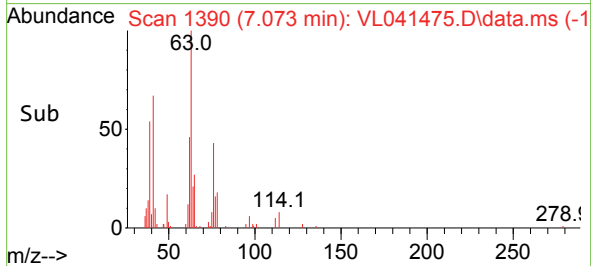
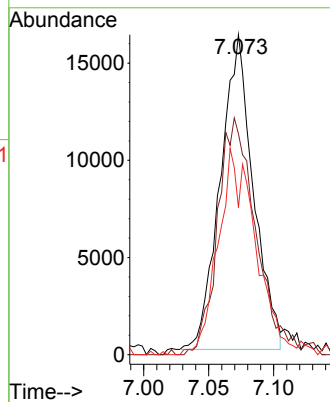
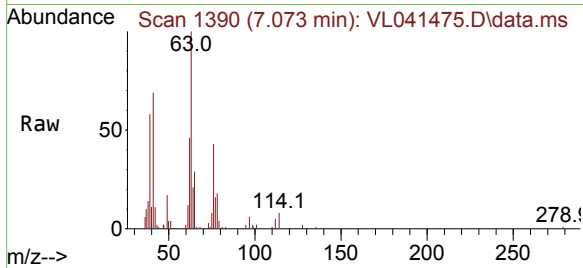
MDL-AIR-03-QT3-2024

Tgt Ion: 63	Resp: 28639
Ion Ratio	Lower Upper
63 100	
41 70.2	58.3 87.5
62 46.7	53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#40

1,4-Dioxane

Concen: 0.473 ppbv m

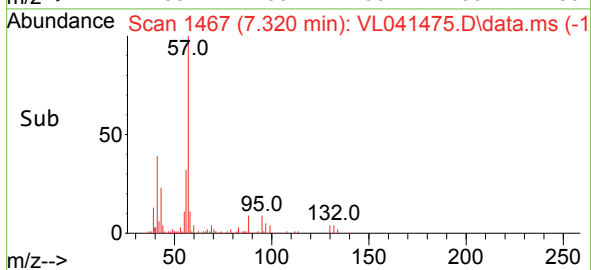
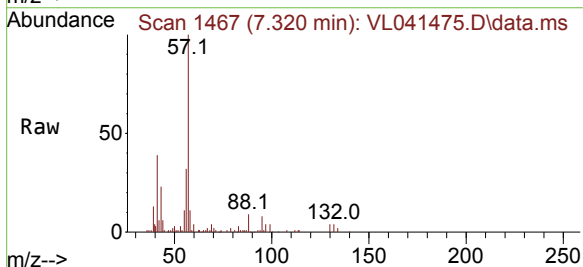
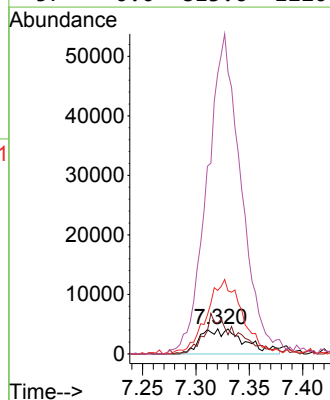
RT: 7.320 min Scan# 1467

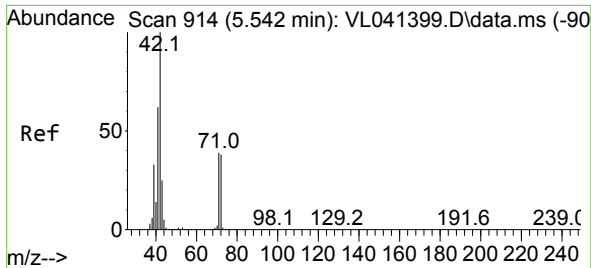
Delta R.T. 0.042 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

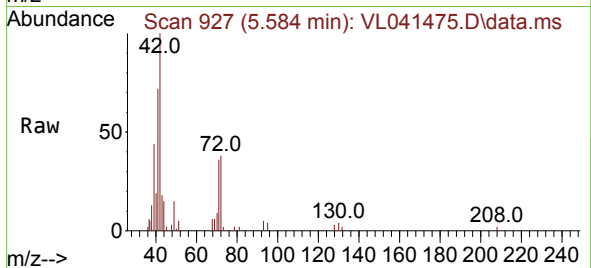
Tgt Ion: 88	Resp: 12165
Ion Ratio	Lower Upper
88 100	
58 125.1	95.8 143.6
43 0.0	188.2 282.2#
57 0.0	813.6 1220.4#





#41
Tetrahydrofuran
Concen: 0.392 ppbv m
RT: 5.584 min Scan# 914
Delta R.T. 0.032 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

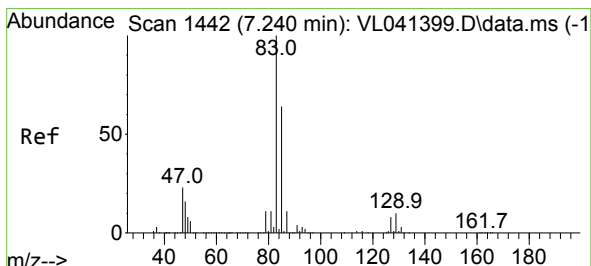
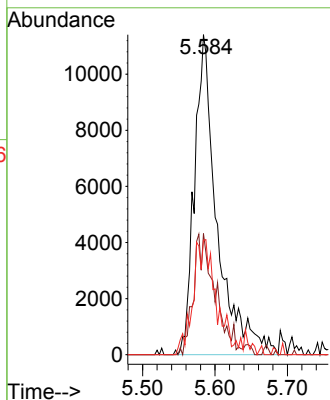
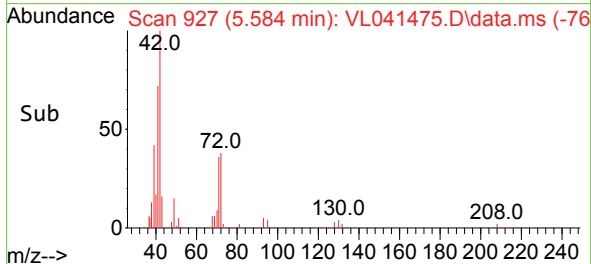
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 42 Resp: 24818
Ion Ratio Lower Upper
42 100
72 38.0 31.2 46.8
71 39.2 30.5 45.7

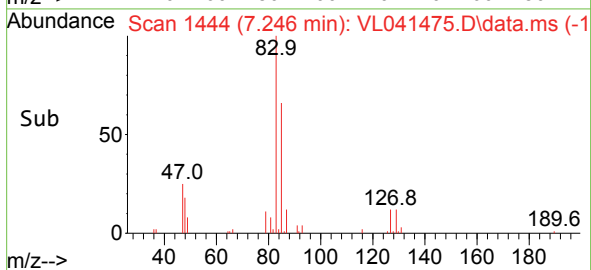
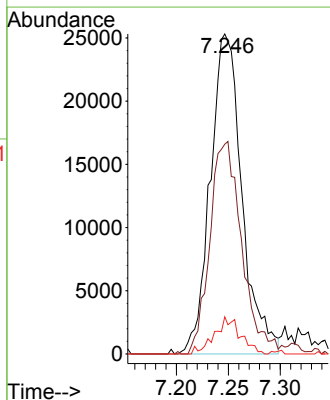
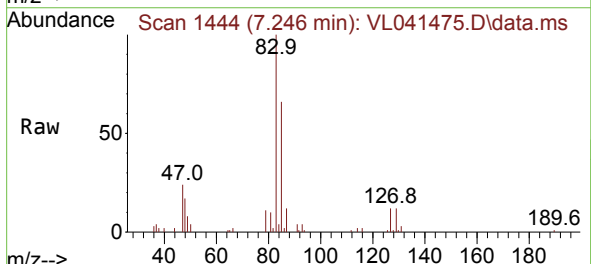
Manual Integrations
APPROVED

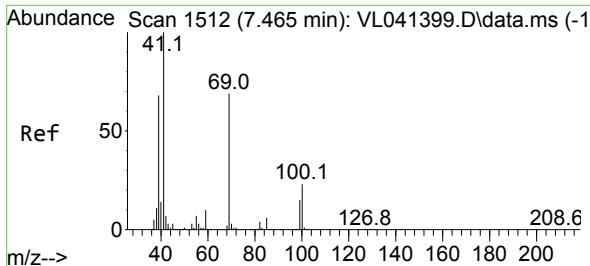
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#42
Bromodichloromethane
Concen: 0.397 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

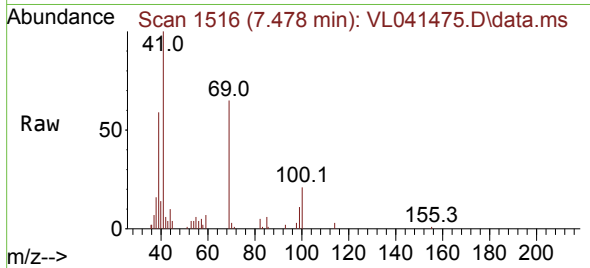
Tgt Ion: 83 Resp: 53623
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 11.6 6.7 10.1#





#43
Methyl Methacrylate
Concen: 0.365 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

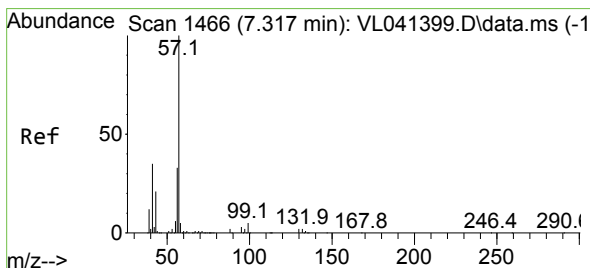
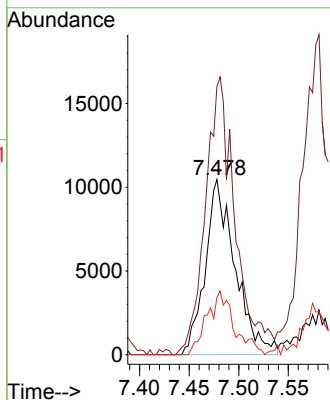
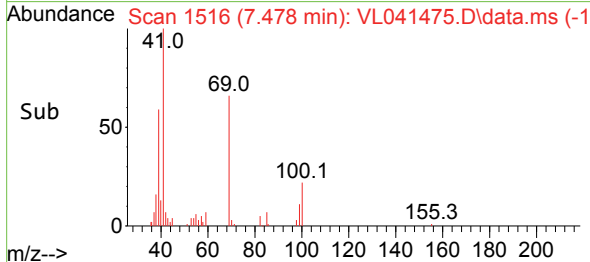
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



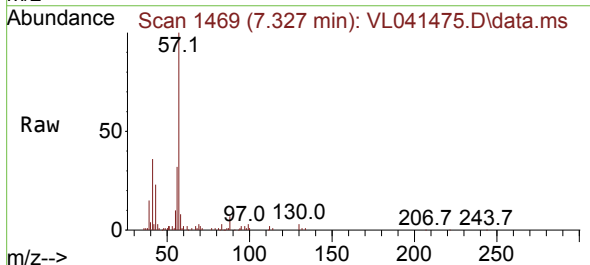
Tgt Ion: 69 Resp: 2188
Ion Ratio Lower Upper
69 100
41 157.9 118.7 178.1
100 33.3 27.0 40.4

Manual Integrations
APPROVED

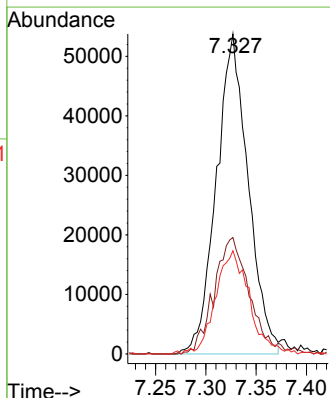
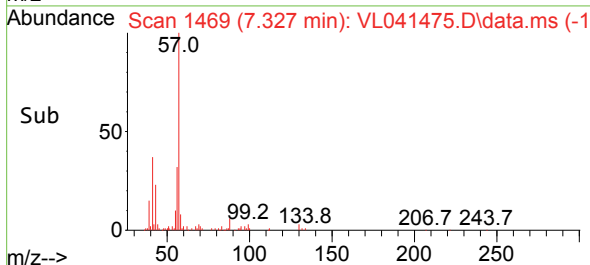
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

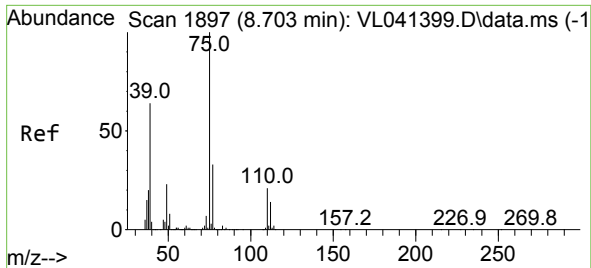


#44
2,2,4-Trimethylpentane
Concen: 0.423 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



Tgt Ion: 57 Resp: 118265
Ion Ratio Lower Upper
57 100
41 41.1 27.0 40.6#
56 34.6 25.2 37.8





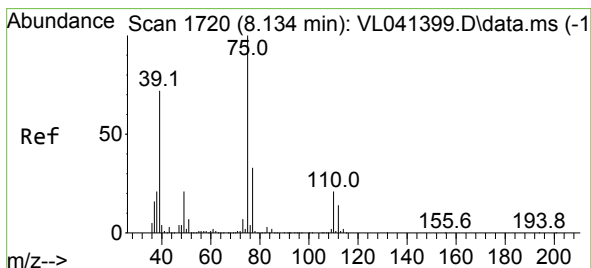
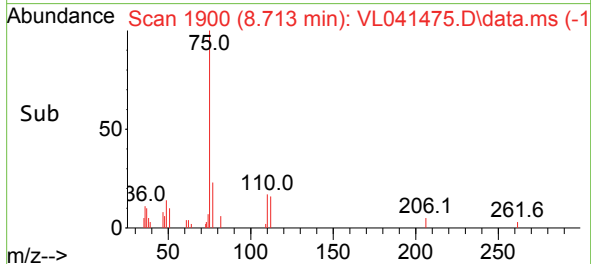
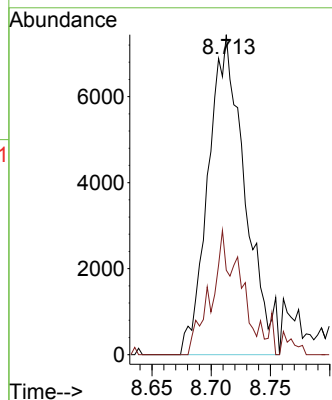
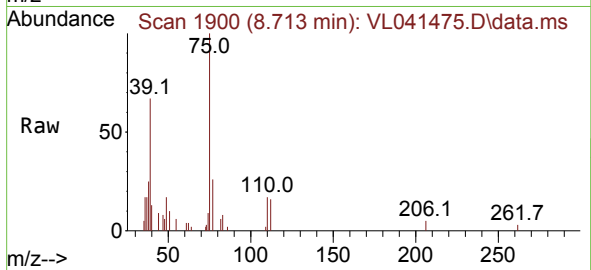
#45
t-1,3-Dichloropropene
Concen: 0.291 ppbv
RT: 8.713 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Tgt Ion: 75 Resp: 1604
Ion Ratio Lower Upper
75 100
77 26.4 26.5 39.7

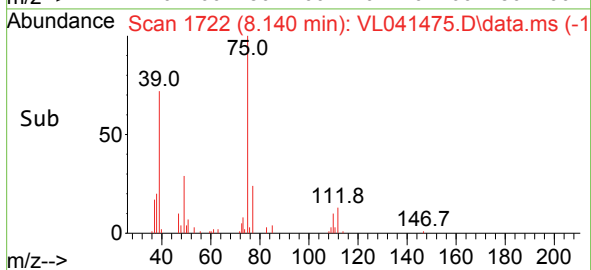
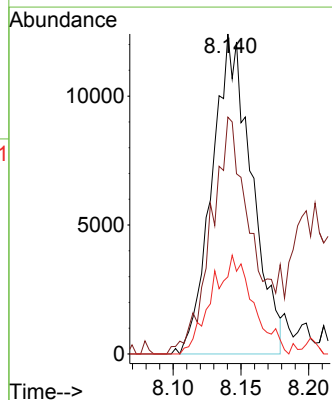
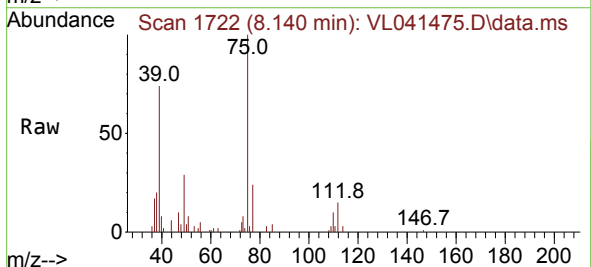
Manual Integrations
APPROVED

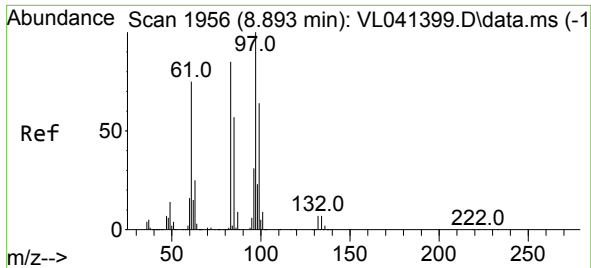
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#46
cis-1,3-Dichloropropene
Concen: 0.317 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

Tgt Ion: 75 Resp: 25273
Ion Ratio Lower Upper
75 100
39 70.0 57.3 85.9
77 24.1 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.468 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

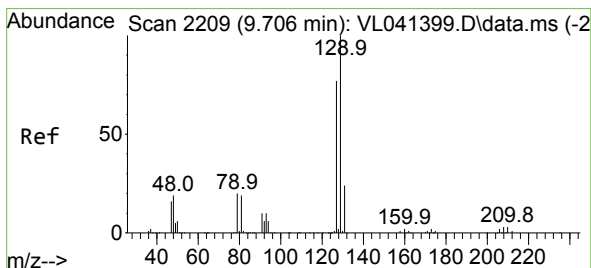
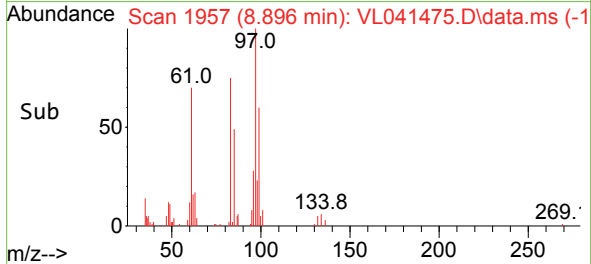
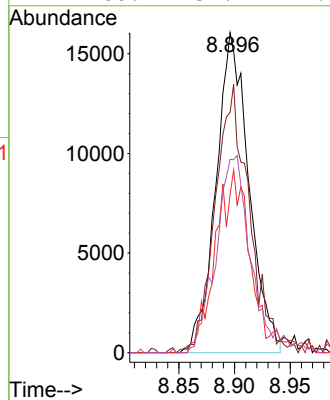
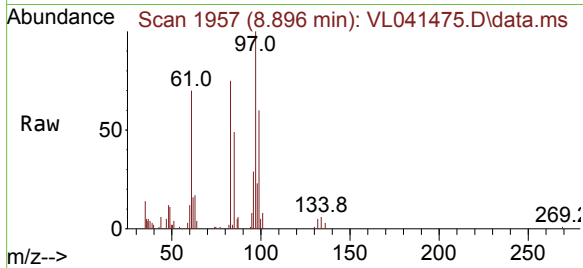
MDL-AIR-03-QT3-2024

Tgt Ion: 97	Resp: 3300
Ion Ratio	Lower Upper
97 100	
83 74.2	67.6 101.4
85 49.5	45.9 68.9
99 60.4	51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#48

Dibromochloromethane

Concen: 0.378 ppbv m

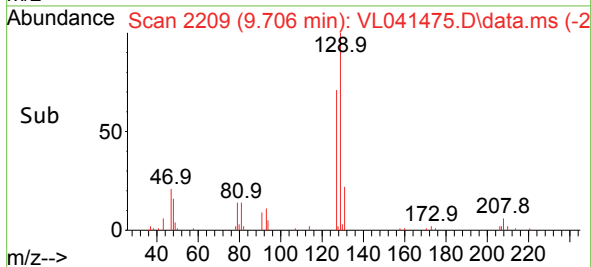
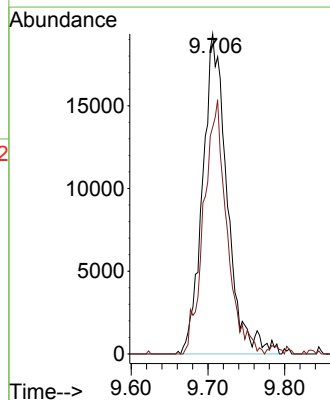
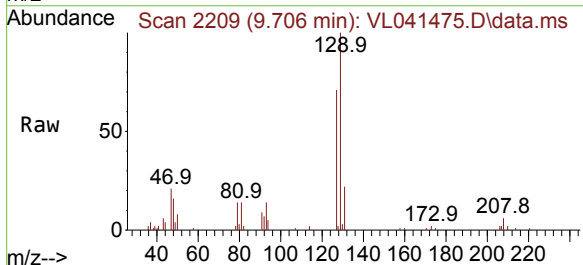
RT: 9.706 min Scan# 2209

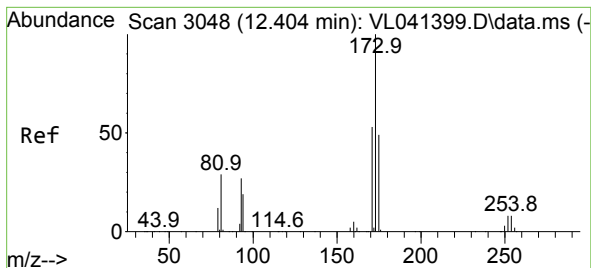
Delta R.T. -0.003 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Tgt Ion:129	Resp: 43018
Ion Ratio	Lower Upper
129 100	
127 74.4	39.3 117.8





#49

Bromoform

Concen: 0.341 ppbv m

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

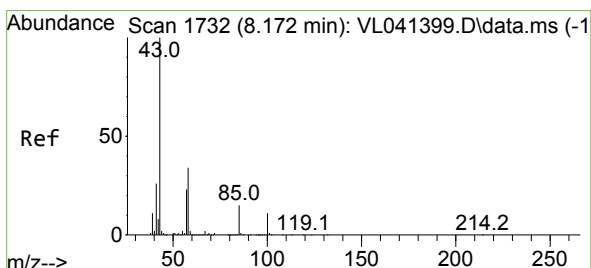
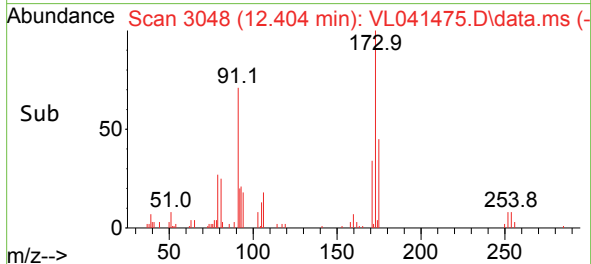
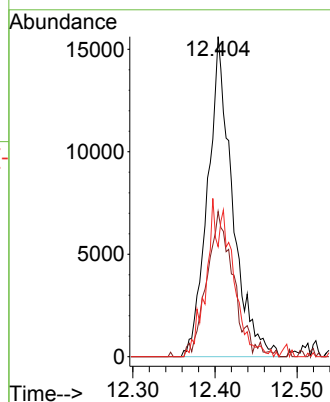
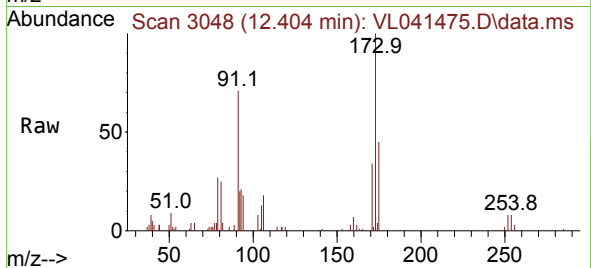
MDL-AIR-03-QT3-2024

Tgt Ion:	173	Resp:	3272
Ion Ratio	Lower	Upper	
173	100		
175	49.2	39.9	59.9
171	51.3	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#50

4-Methyl-2-Pentanone

Concen: 0.382 ppbv m

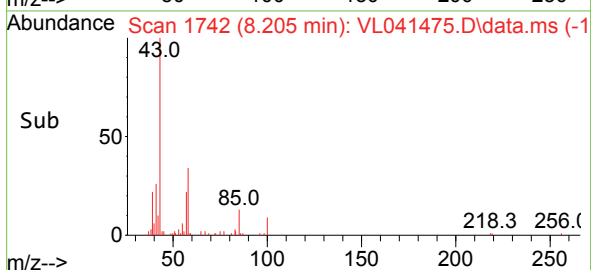
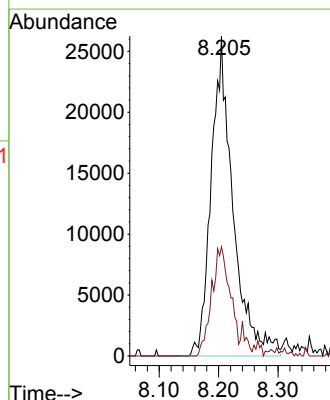
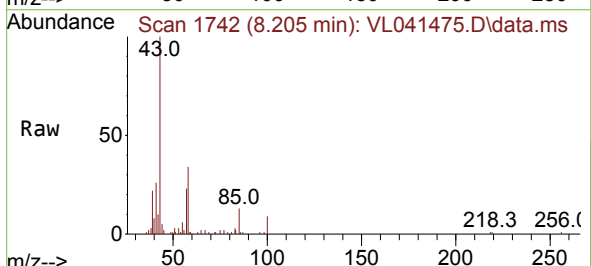
RT: 8.205 min Scan# 1742

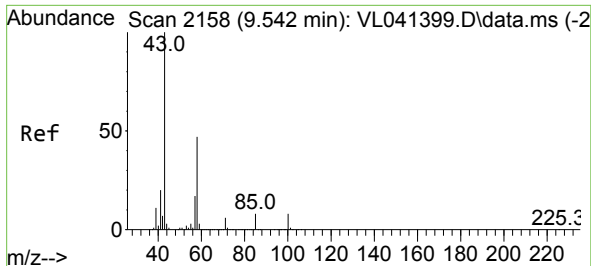
Delta R.T. 0.026 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

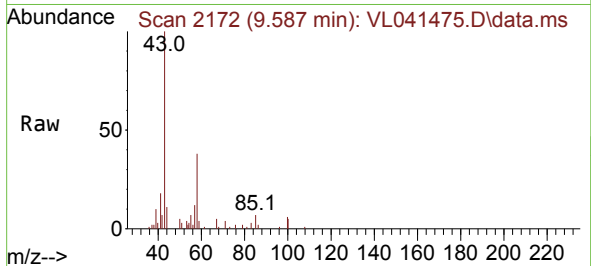
Tgt Ion:	43	Resp:	66814
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.9	41.9





#51
2-Hexanone
Concen: 0.360 ppbv m
RT: 9.587 min Scan# 2158
Delta R.T. 0.042 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

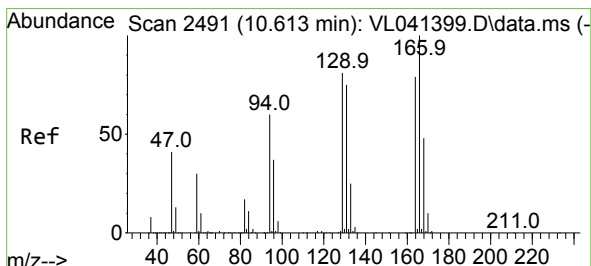
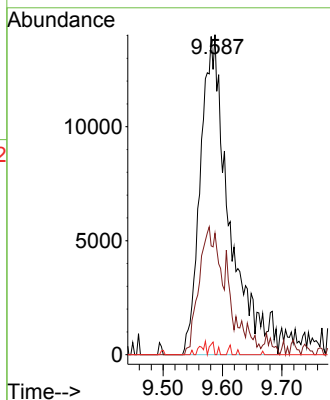
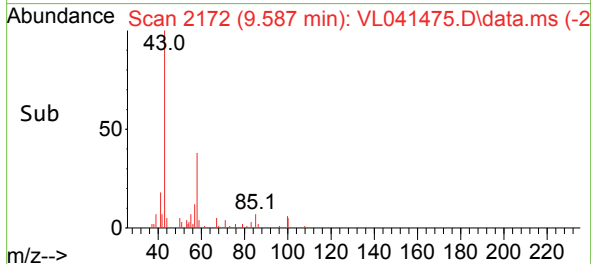
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 47514
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2
98 1.5 0.3 0.5

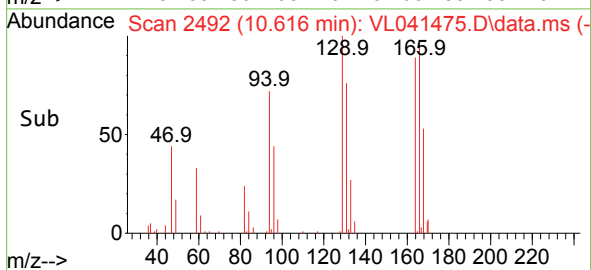
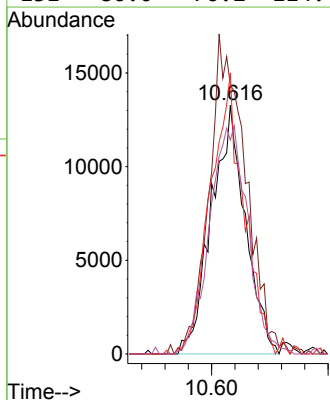
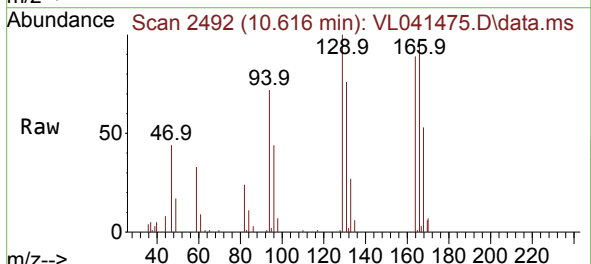
Manual Integrations
APPROVED

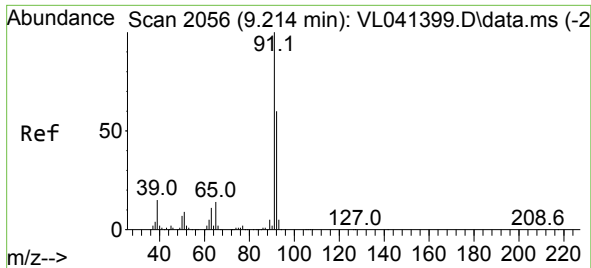
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#52
Tetrachloroethene
Concen: 0.416 ppbv m
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

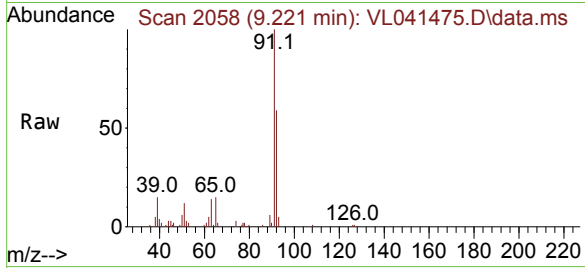
Tgt Ion:164 Resp: 26885
Ion Ratio Lower Upper
164 100
166 107.9 101.1 151.7
129 112.9 81.7 122.5
131 86.0 76.2 114.4





#53
Toluene
Concen: 0.357 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

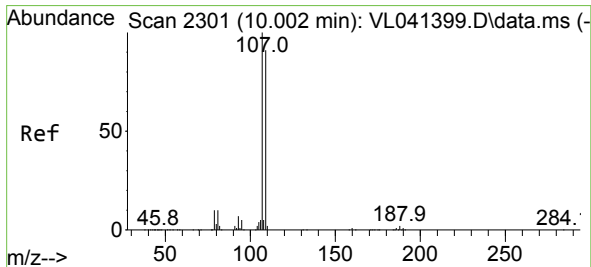
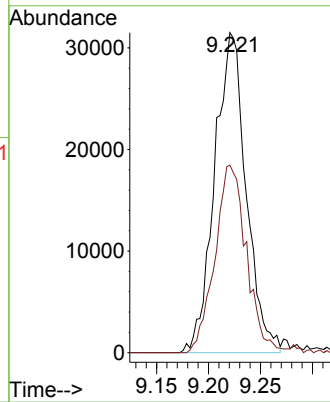
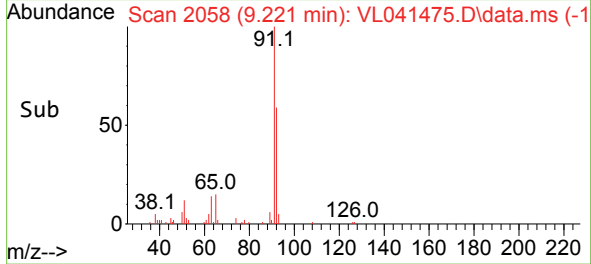
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



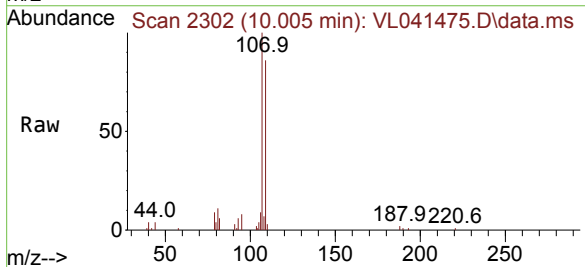
Tgt Ion: 91 Resp: 6644
Ion Ratio Lower Upper
91 100
92 59.7 48.7 73.1

Manual Integrations
APPROVED

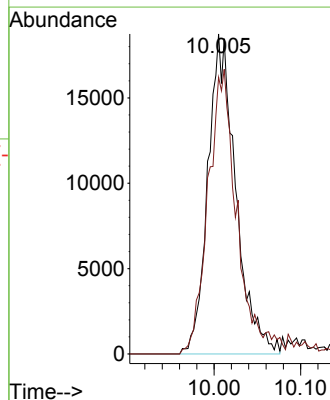
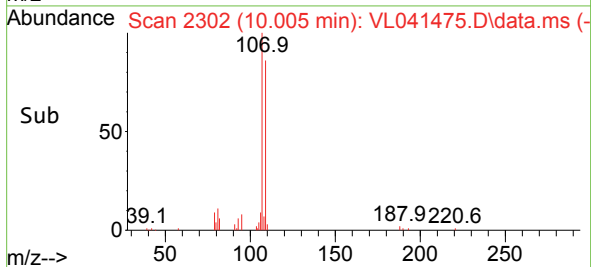
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

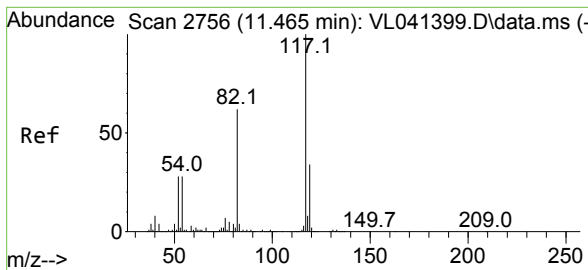


#54
1,2-Dibromoethane
Concen: 0.446 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. -0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



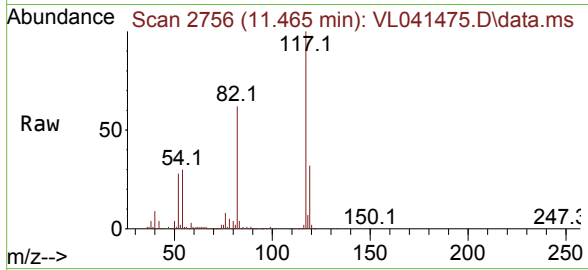
Tgt Ion:107 Resp: 41874
Ion Ratio Lower Upper
107 100
109 86.4 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

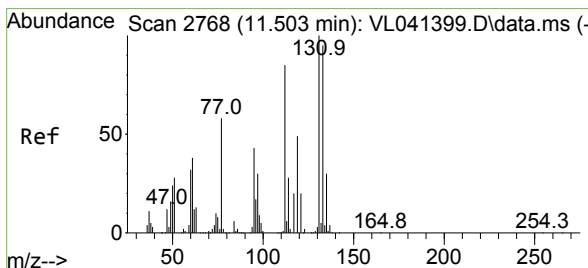
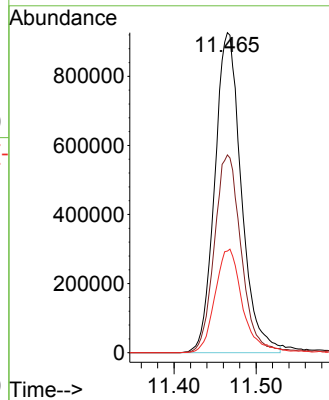
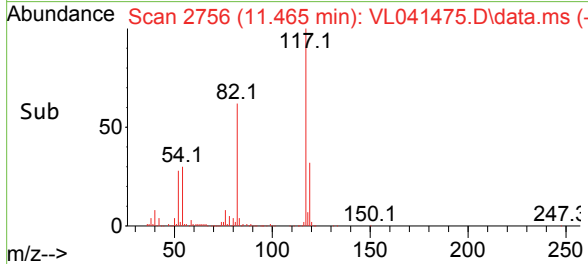
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



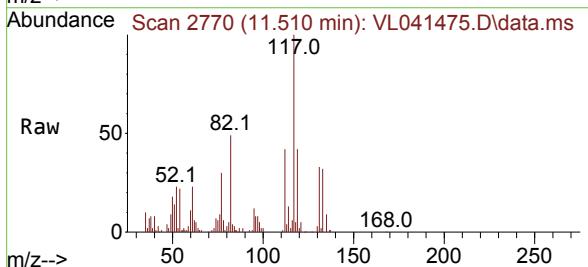
Tgt Ion:117 Resp: 208788
Ion Ratio Lower Upper
117 100
82 63.1 51.0 76.6
119 33.7 45.2 67.8

Manual Integrations
APPROVED

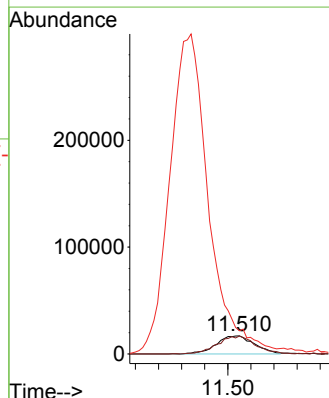
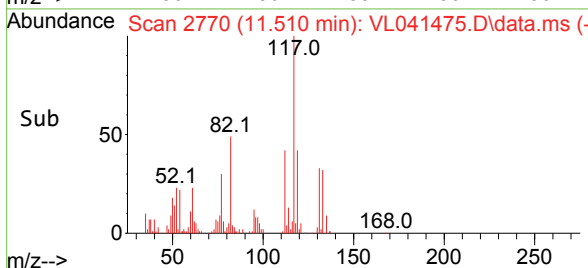
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

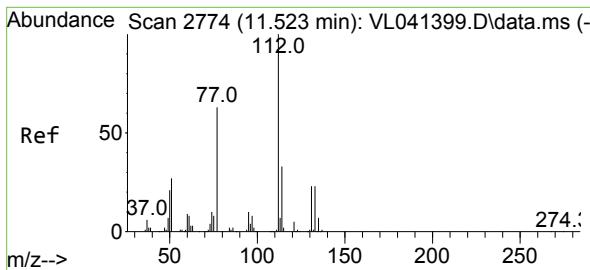


#56
1,1,1,2-Tetrachloroethane
Concen: 0.477 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



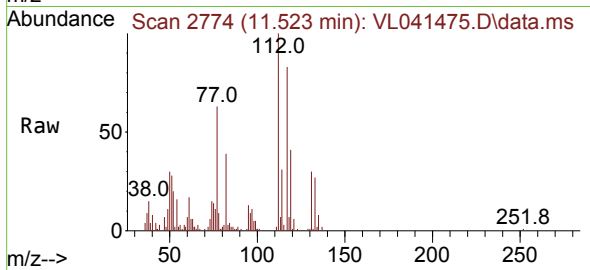
Tgt Ion:131 Resp: 38661
Ion Ratio Lower Upper
131 100
133 100.0 77.0 115.4
119 1845.5 121.5 182.3#





#57
Chlorobenzene
Concen: 0.483 ppbv
RT: 11.523 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

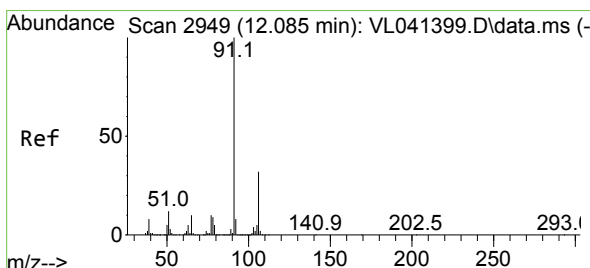
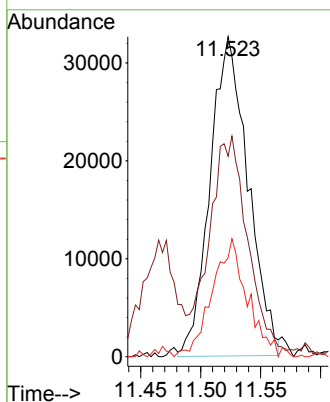
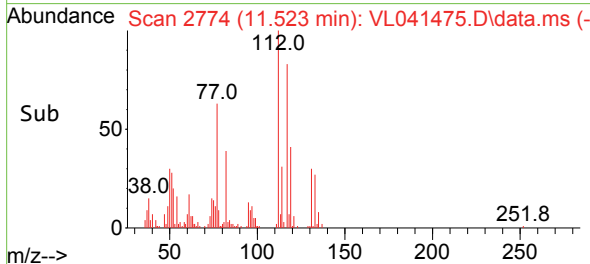
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



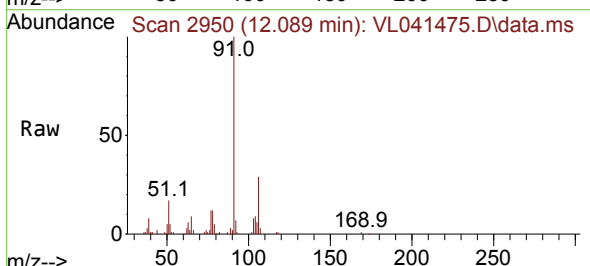
Tgt Ion:112 Resp: 71864
Ion Ratio Lower Upper
112 100
77 60.2 51.1 76.7
114 30.6 29.5 36.1

Manual Integrations
APPROVED

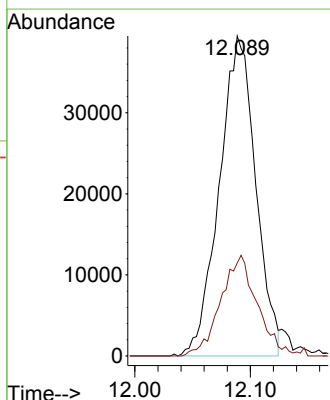
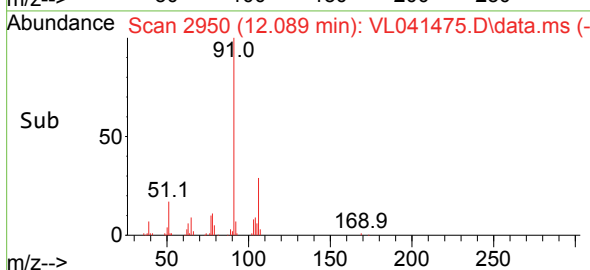
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

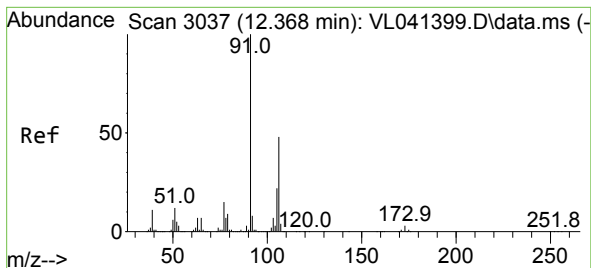


#58
Ethyl Benzene
Concen: 0.358 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



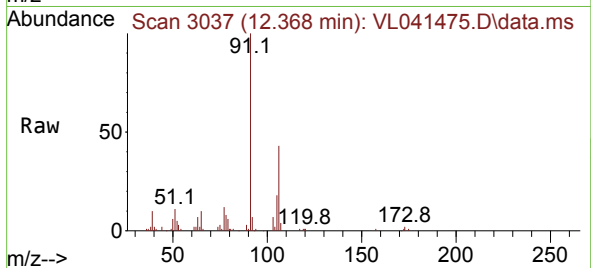
Tgt Ion: 91 Resp: 86265
Ion Ratio Lower Upper
91 100
106 29.0 25.8 38.8





#59
m/p-Xylene
Concen: 0.794 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

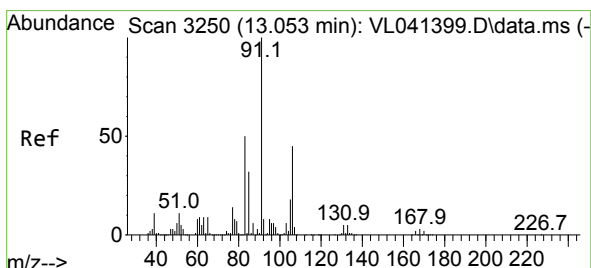
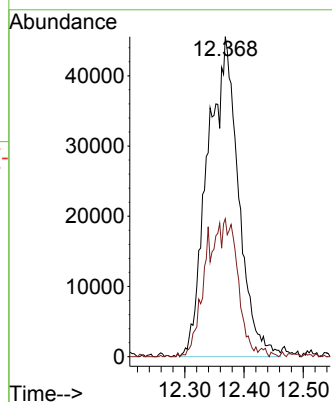
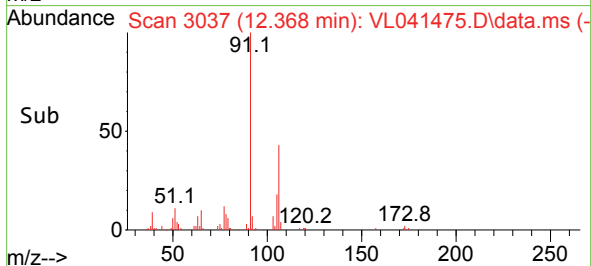
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



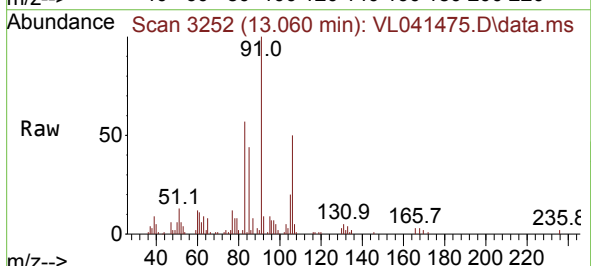
Tgt Ion: 91 Resp: 16491
Ion Ratio Lower Upper
91 100
106 44.8 36.3 54.5

Manual Integrations
APPROVED

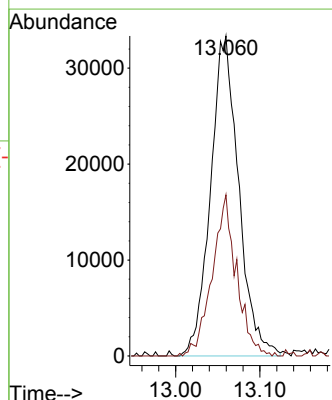
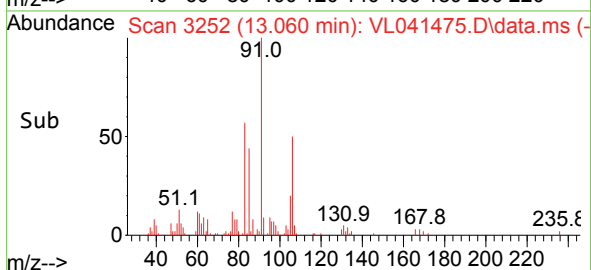
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

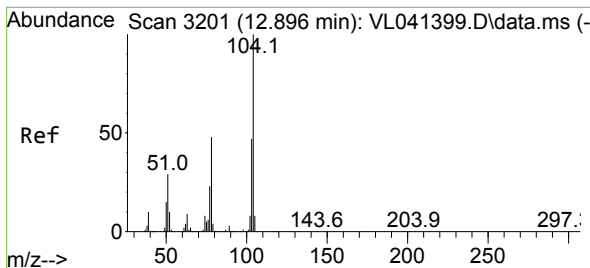


#60
o-Xylene
Concen: 0.394 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



Tgt Ion: 91 Resp: 77407
Ion Ratio Lower Upper
91 100
106 43.6 23.1 69.3





#61

Styrene

Concen: 0.323 ppbv m

RT: 12.902 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

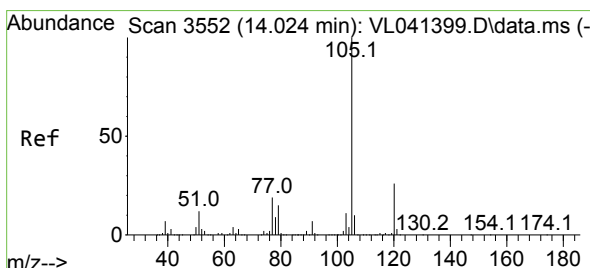
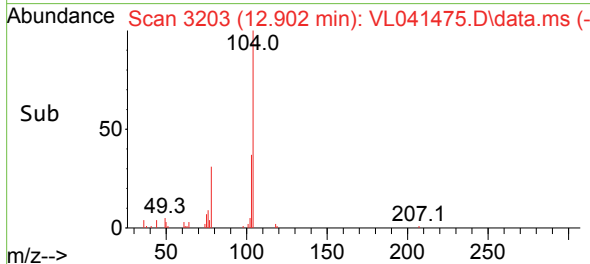
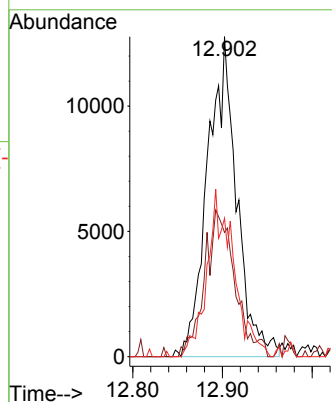
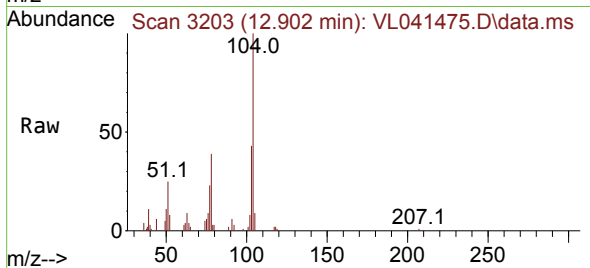
MDL-AIR-03-QT3-2024

Tgt Ion:	104	Resp:	28610
Ion Ratio	Lower	Upper	
104	100		
78	48.4	40.8	61.2
103	47.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#62

Isopropylbenzene

Concen: 0.424 ppbv

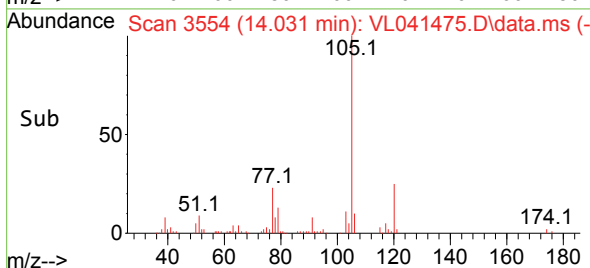
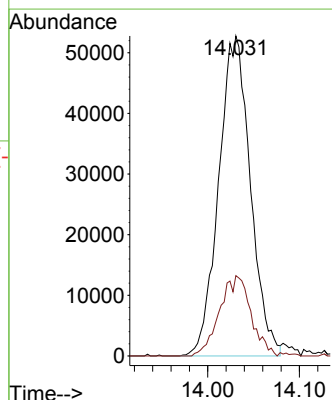
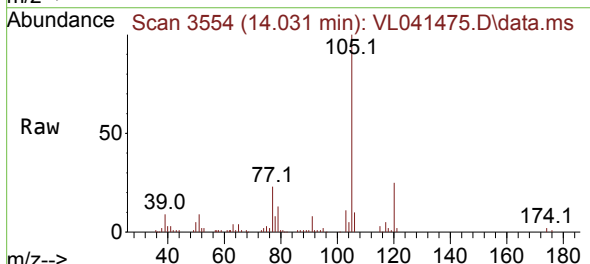
RT: 14.031 min Scan# 3554

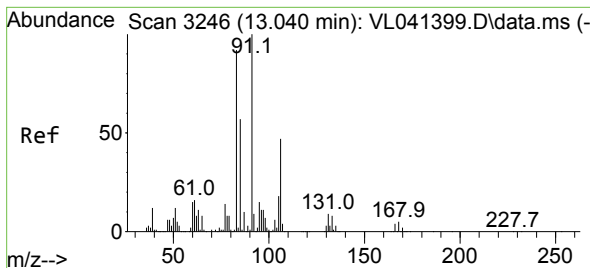
Delta R.T. 0.003 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

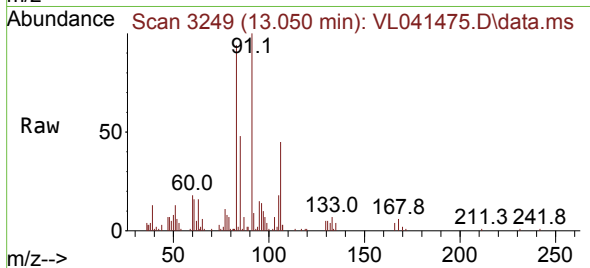
Tgt Ion:	105	Resp:	126602
Ion Ratio	Lower	Upper	
105	100		
120	25.2	21.0	31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 0.532 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

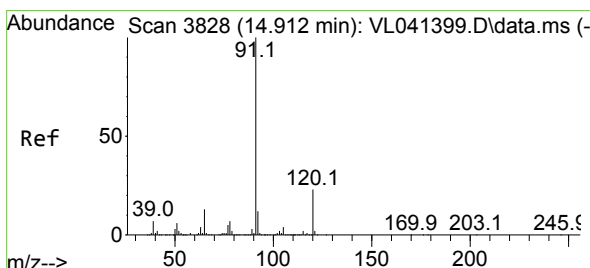
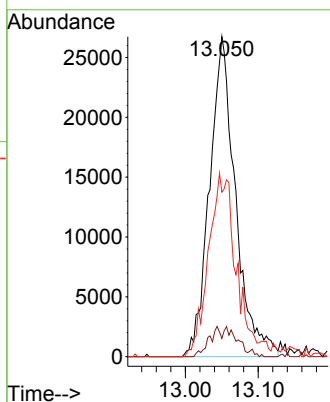
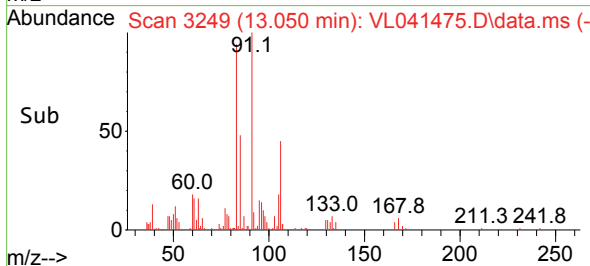
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



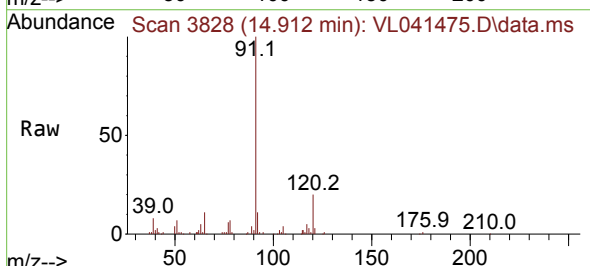
Tgt Ion: 83 Resp: 6607
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 62.8 32.6 98.0

Manual Integrations
APPROVED

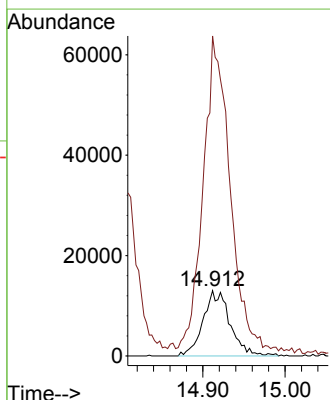
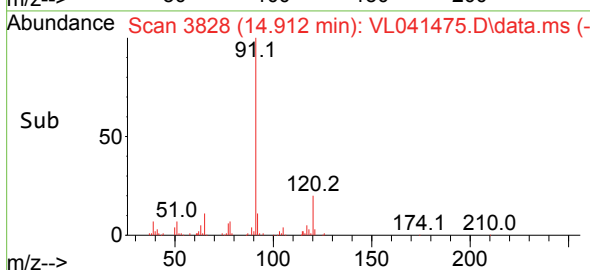
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

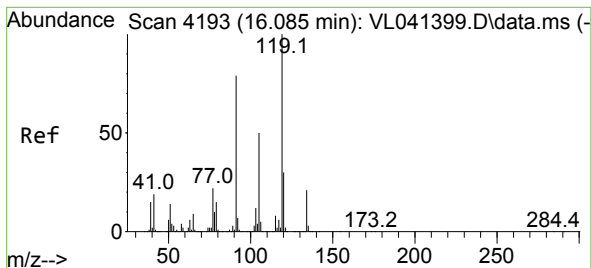


#64
n-propylbenzene
Concen: 0.381 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



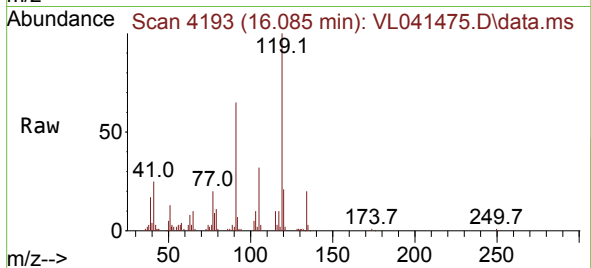
Tgt Ion:120 Resp: 29725
Ion Ratio Lower Upper
120 100
91 502.8 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.380 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

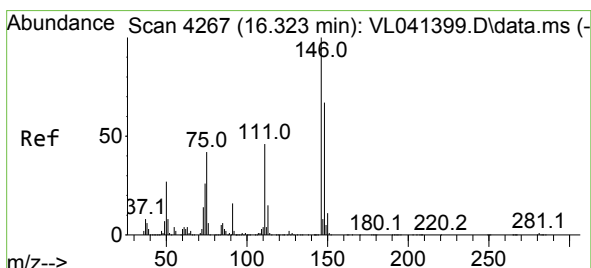
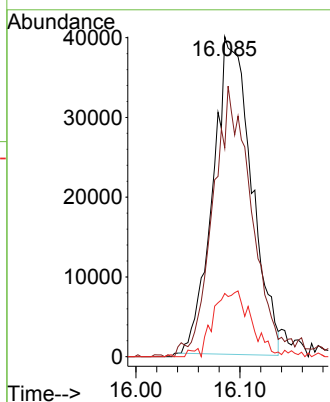
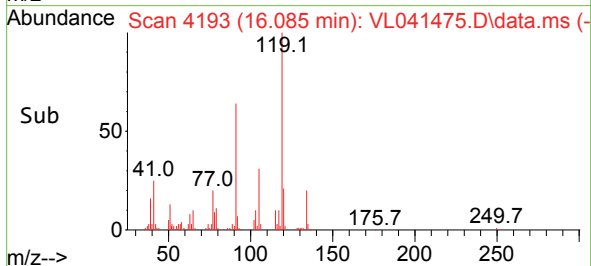
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



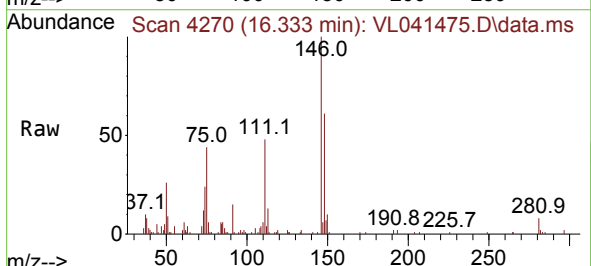
Tgt Ion: 119 Resp: 102564
Ion Ratio Lower Upper
119 100
91 89.0 64.2 96.2
134 20.6 15.7 23.5

Manual Integrations
APPROVED

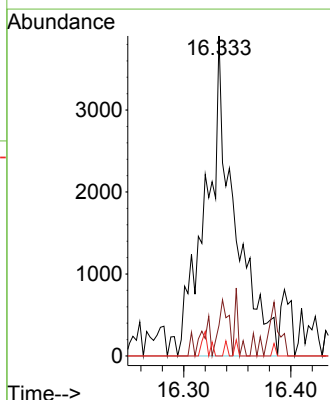
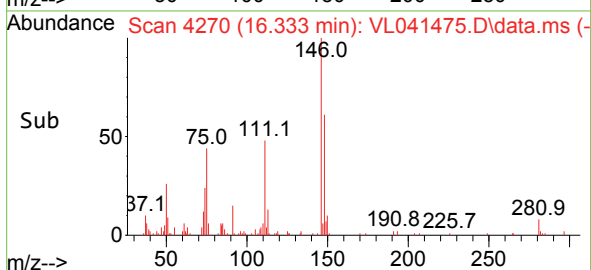
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

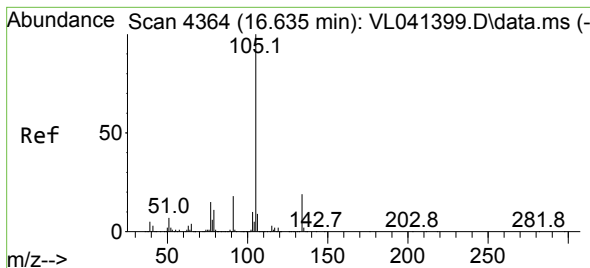


#66
Benzyl Chloride
Concen: 0.414 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



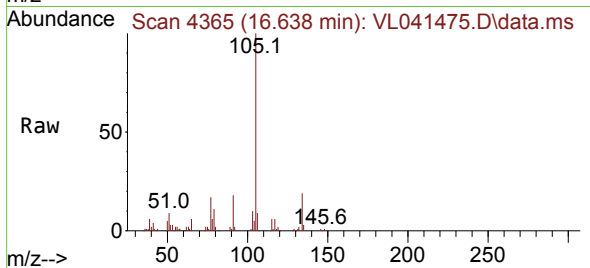
Tgt Ion: 91 Resp: 7173
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 1.7 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.404 ppbv
 RT: 16.638 min Scan# 4365
 Delta R.T. 0.006 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

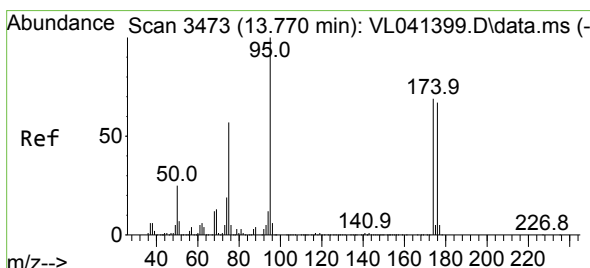
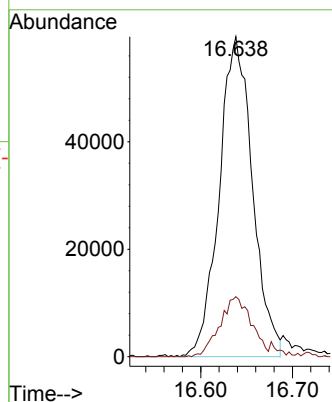
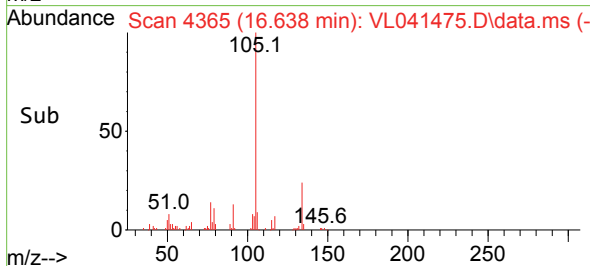
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 105 Resp: 150159
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.5 21.7

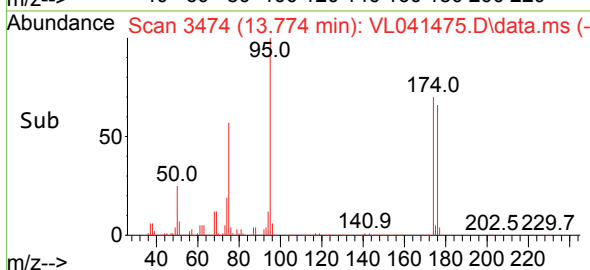
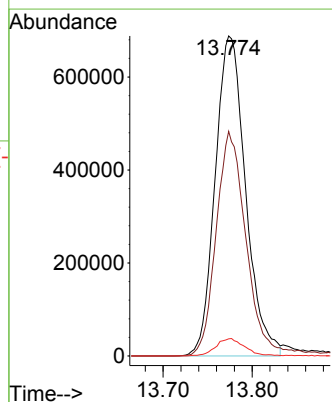
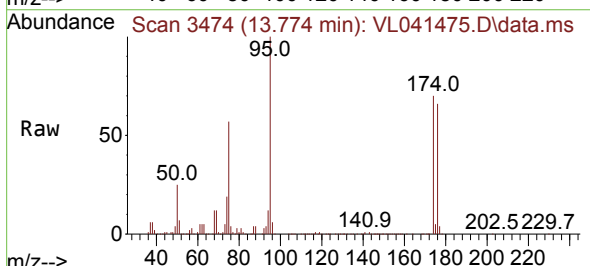
Manual Integrations
 APPROVED

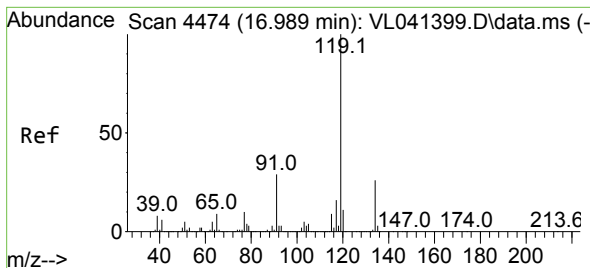
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.160 ppbv
 RT: 13.774 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

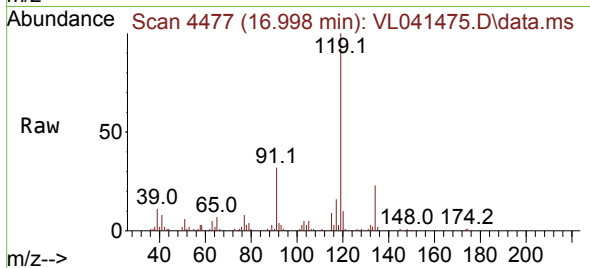
Tgt Ion: 95 Resp: 1632408
 Ion Ratio Lower Upper
 95 100
 174 71.3 56.3 84.5
 175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.371 ppbv m
RT: 16.998 min Scan# 4474
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

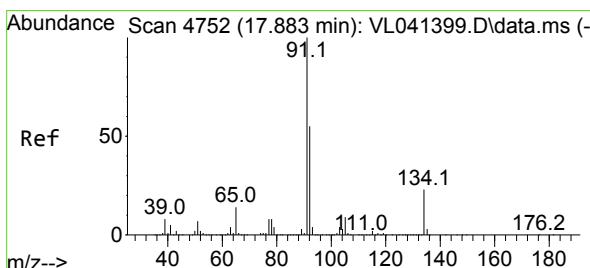
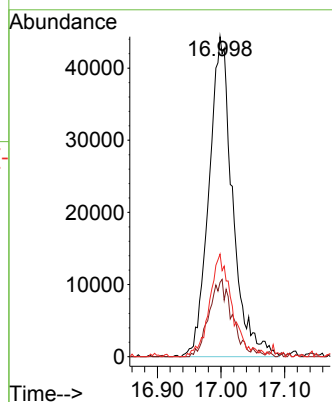
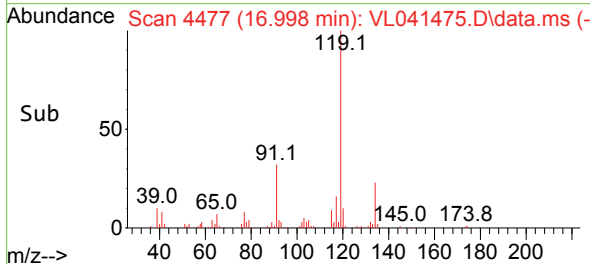
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 119 Resp: 11456
Ion Ratio Lower Upper
119 100
134 24.7 20.5 30.7
91 30.8 23.2 34.8

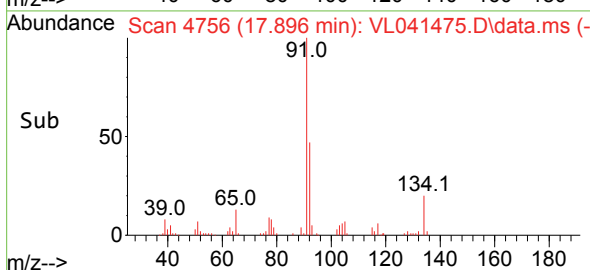
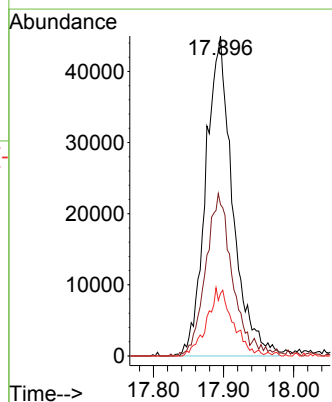
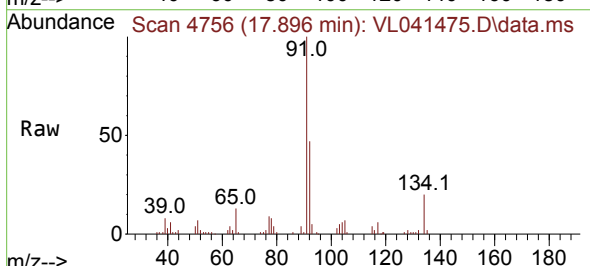
Manual Integrations
APPROVED

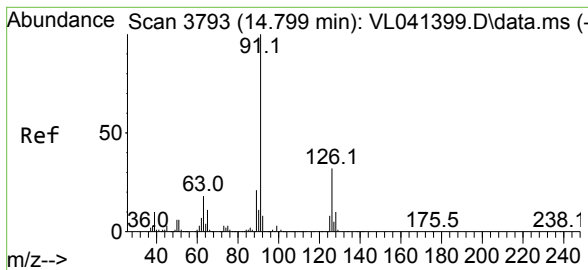
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#70
n-Butylbenzene
Concen: 0.378 ppbv m
RT: 17.896 min Scan# 4756
Delta R.T. 0.013 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

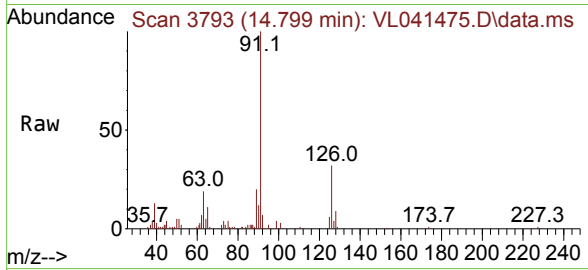
Tgt Ion: 91 Resp: 119592
Ion Ratio Lower Upper
91 100
92 51.4 43.2 64.8
134 21.0 18.5 27.7





#71
2-Chlorotoluene
Concen: 0.401 ppbv m
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

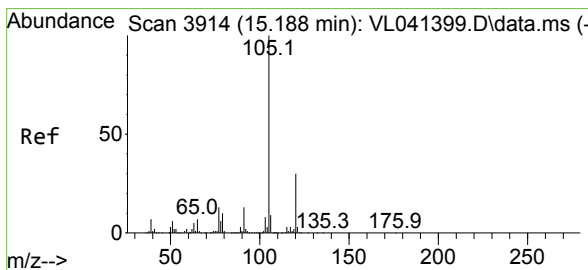
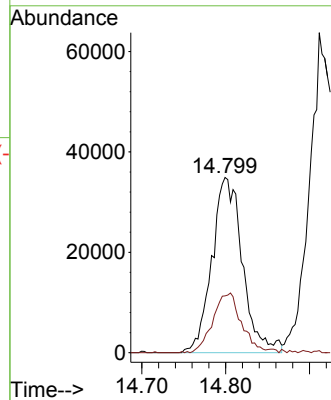
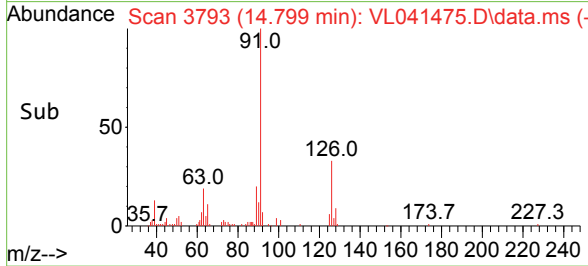
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



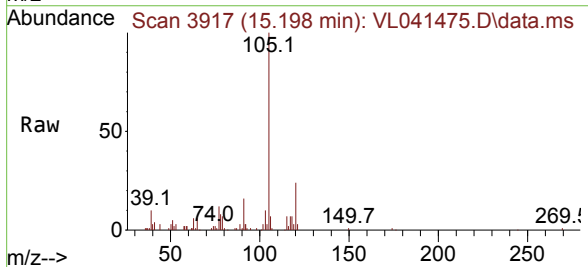
Tgt Ion: 91 Resp: 88410
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9

Manual Integrations
APPROVED

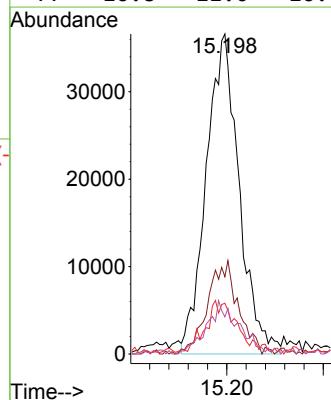
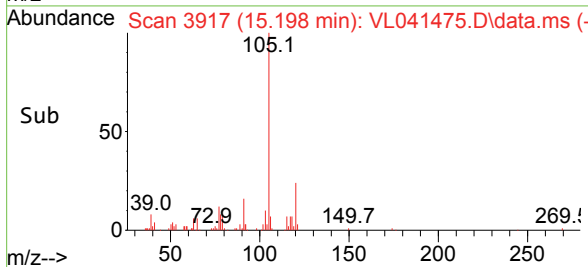
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

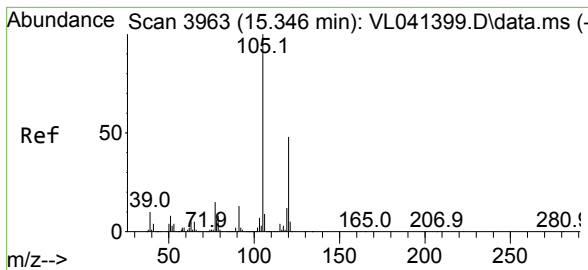


#72
4-Ethyltoluene
Concen: 0.374 ppbv m
RT: 15.198 min Scan# 3917
Delta R.T. 0.006 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



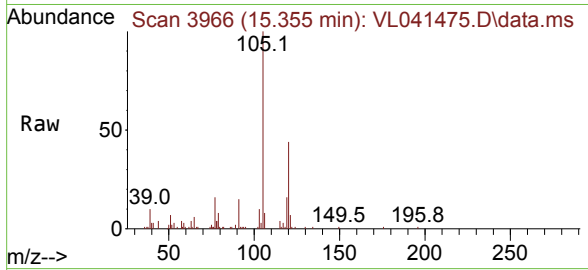
Tgt Ion:105 Resp: 86575
Ion Ratio Lower Upper
105 100
120 27.8 24.2 36.2
91 16.0 10.4 15.6#
77 16.8 11.0 16.4#





#73
 1,3,5-Trimethylbenzene
 Concen: 0.383 ppbv
 RT: 15.355 min Scan# 3966
 Delta R.T. 0.006 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

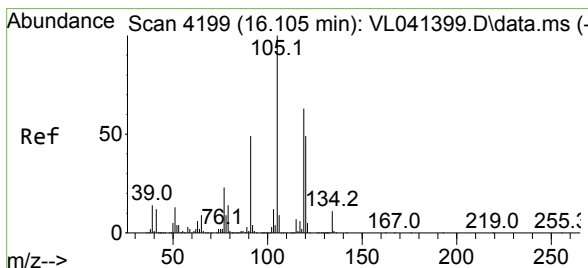
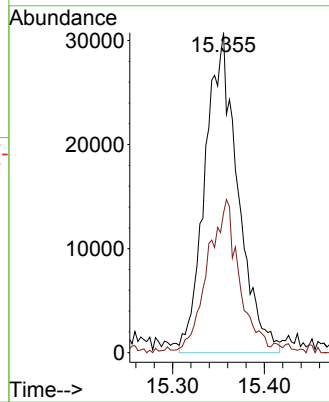
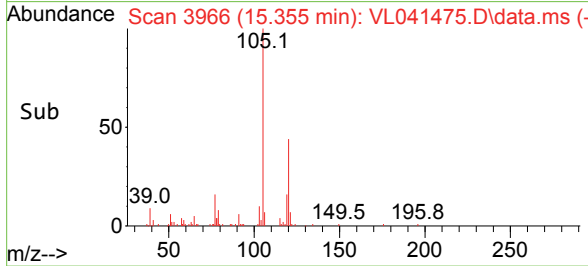
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion:105 Resp: 7626
 Ion Ratio Lower Upper
 105 100
 120 43.7 38.6 57.8

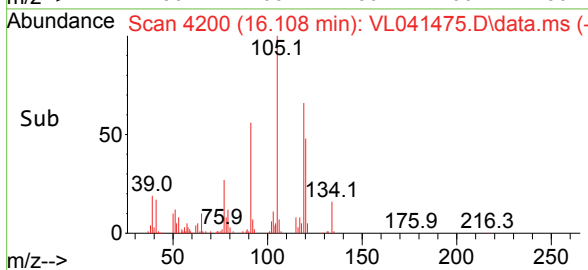
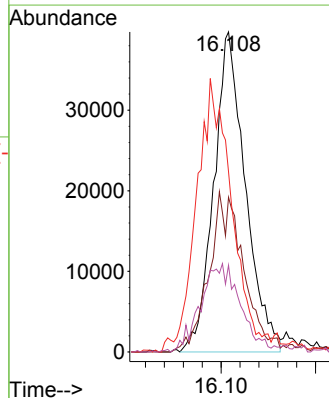
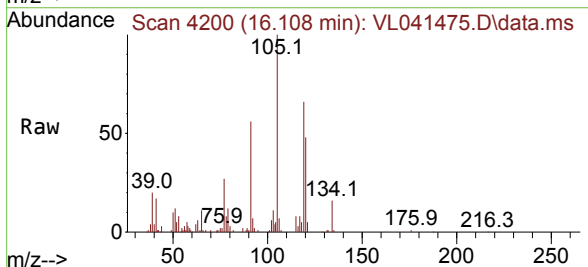
Manual Integrations
 APPROVED

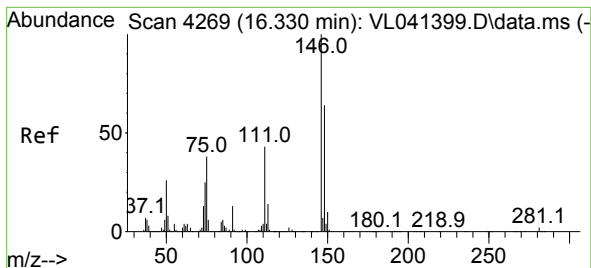
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#74
 1,2,4-Trimethylbenzene
 Concen: 0.398 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.000 min
 Lab File: VL041475.D
 Acq: 1 Aug 2024 12:49

Tgt Ion:105 Resp: 92215
 Ion Ratio Lower Upper
 105 100
 120 47.2 39.5 59.3
 91 53.9 39.8 59.8
 77 25.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 0.455 ppbv m

RT: 16.333 min Scan# 4269

Delta R.T. 0.006 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

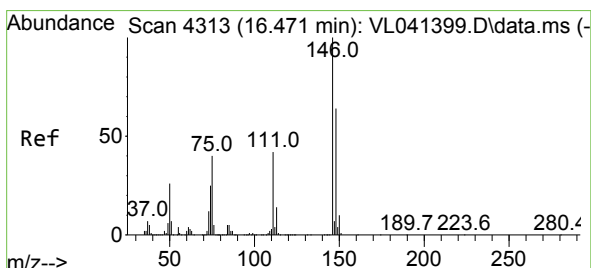
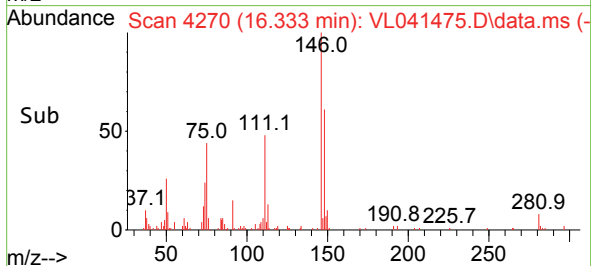
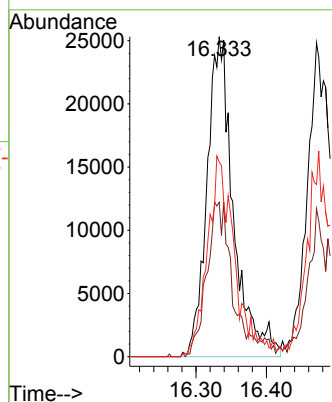
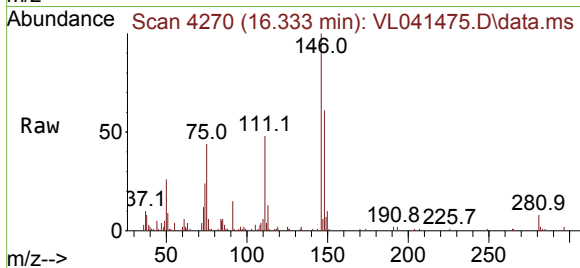
MDL-AIR-03-QT3-2024

Tgt Ion:146	Resp:	6624
Ion Ratio	Lower	Upper
146	100	
111	49.0	22.6 67.8
148	0.0	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#76

1,4-Dichlorobenzene

Concen: 0.470 ppbv m

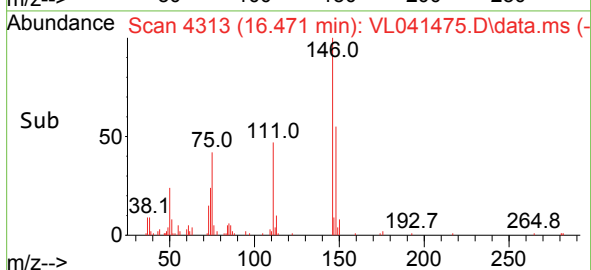
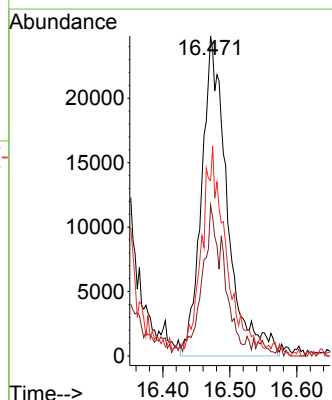
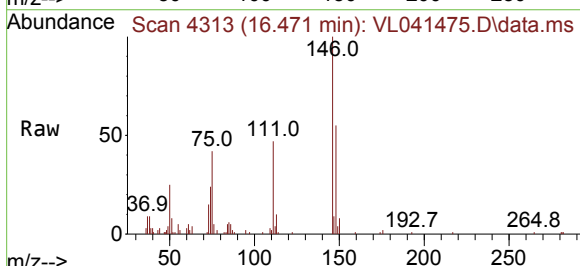
RT: 16.471 min Scan# 4313

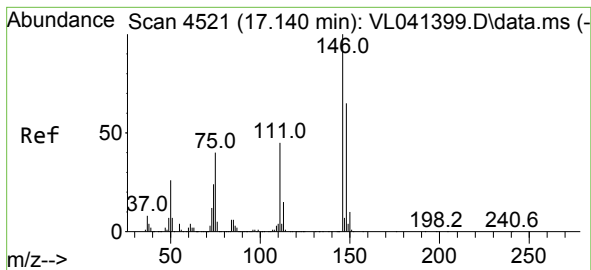
Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Tgt Ion:146	Resp:	66258
Ion Ratio	Lower	Upper
146	100	
111	41.5	22.4 67.0
148	65.8	33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.457 ppbv m

RT: 17.146 min Scan# 4521

Delta R.T. 0.006 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

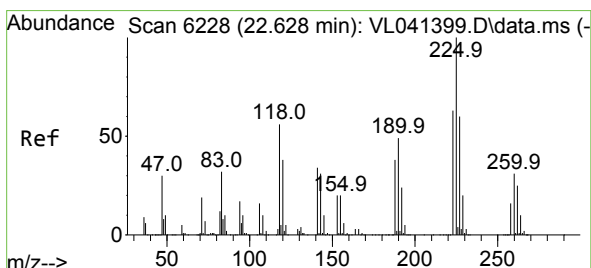
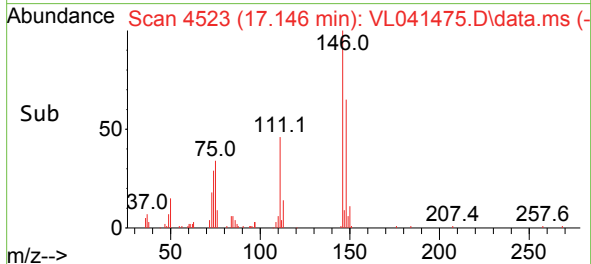
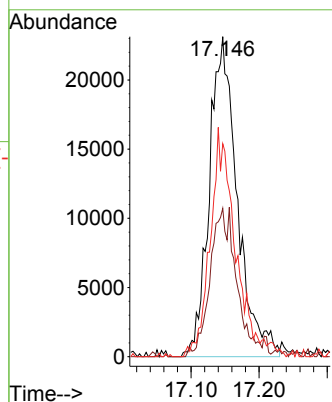
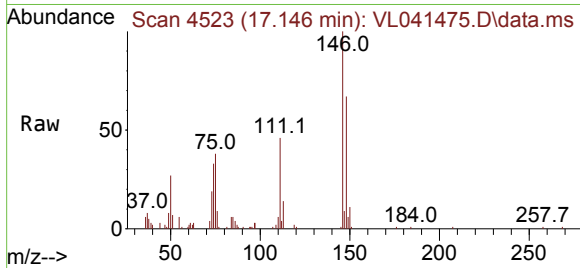
Tgt Ion:	146	Resp:	66030
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.4	70.0
148	65.3	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.524 ppbv m

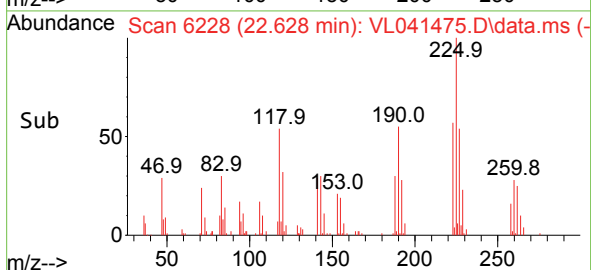
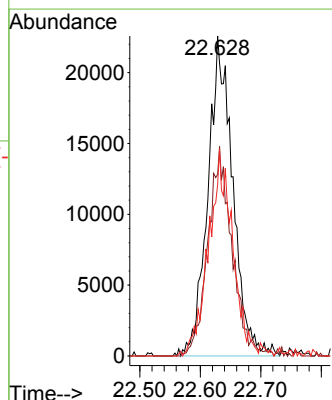
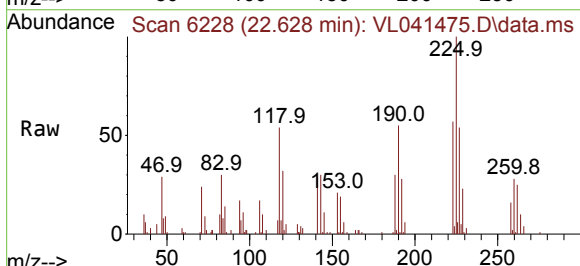
RT: 22.628 min Scan# 6228

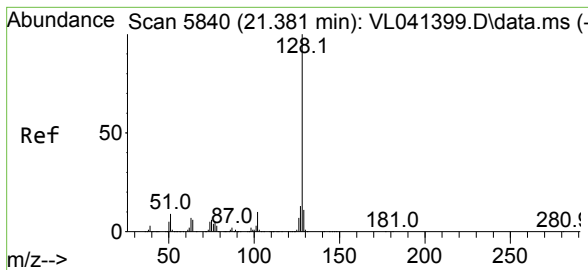
Delta R.T. 0.000 min

Lab File: VL041475.D

Acq: 1 Aug 2024 12:49

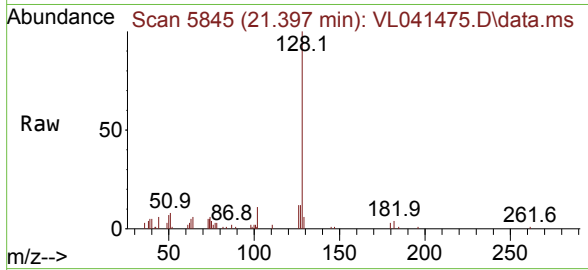
Tgt Ion:	225	Resp:	64520
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.6	76.0
227	63.5	50.8	76.2





#79
Naphthalene
Concen: 0.311 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.016 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49

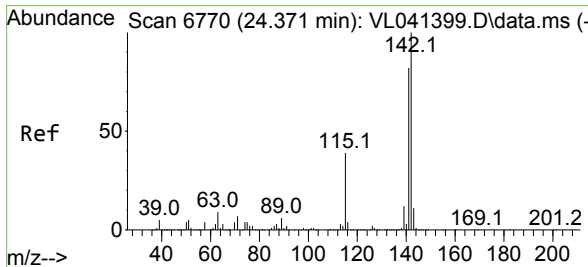
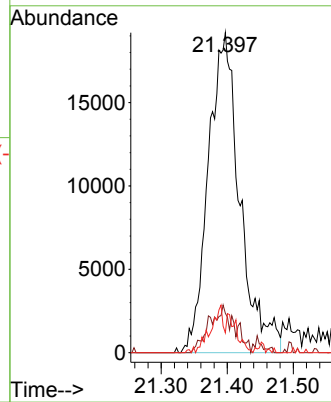
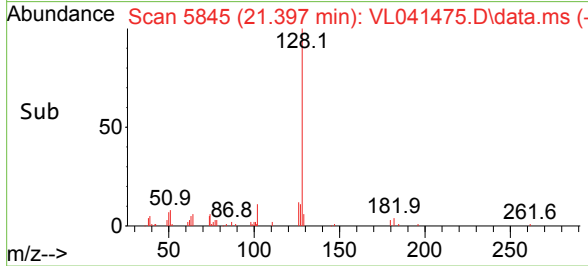
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



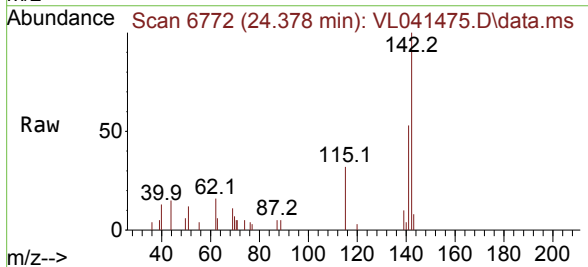
Tgt Ion:128 Resp: 63524
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 6.2 9.0 13.4

Manual Integrations
APPROVED

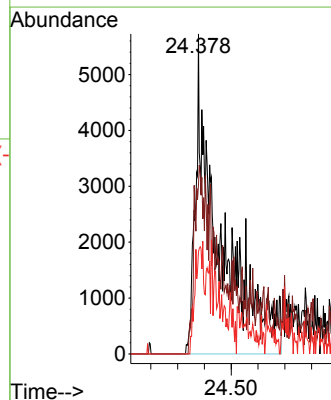
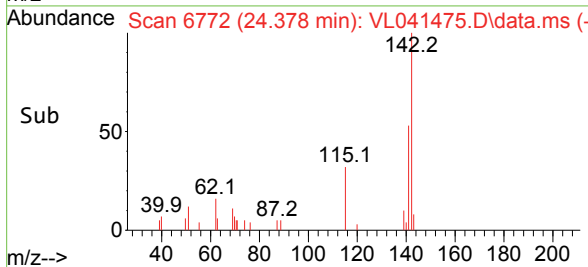
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

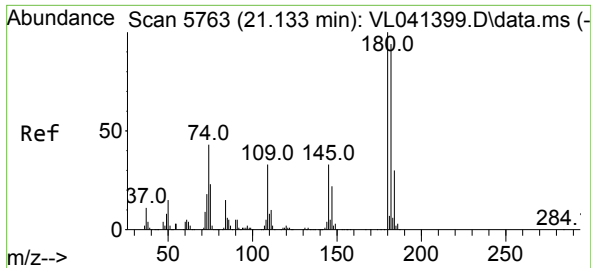


#80
Naphthalene,2-methyl-
Concen: 0.199 ppbv m
RT: 24.378 min Scan# 6772
Delta R.T. 0.010 min
Lab File: VL041475.D
Acq: 1 Aug 2024 12:49



Tgt Ion:142 Resp: 34041
Ion Ratio Lower Upper
142 100
141 27.5 67.0 100.4#
115 12.6 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.371 ppbv m

RT: 21.146 min Scan# 5

Delta R.T. 0.010 min

Lab File: VL041475.D

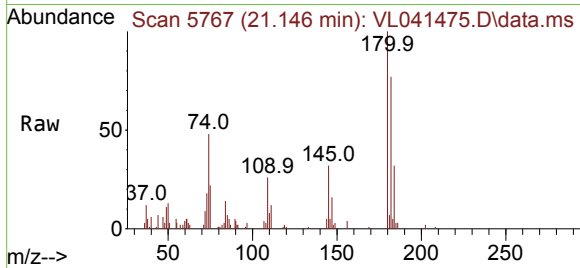
Acq: 1 Aug 2024 12:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:180 Resp: 45110

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1

184 0.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024

