

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041496.D
 Acq On : 5 Aug 2024 11:05
 Operator : SY/MD
 Sample : P3390-15 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 06 02:12:07 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 09 12:33:25 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Bromochloromethane	5.192	49	1077173	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2979247	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2727370	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2134379 10.169 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	91818	0.495	ppbv	99
3) Chlorodifluoromethane	2.684	51	59766	0.466	ppbv	99
4) Chloromethane	2.819	50	32544	0.477	ppbv	89
5) Vinyl Chloride	2.928	62	26329	0.392	ppbv	96
6) Bromomethane	3.124	94	16240	0.470	ppbv	91
7) Chloroethane	3.205	64	9855	0.425	ppbv #	87
8) Dichlorotetrafluoroethane	2.861	85	74657	0.455	ppbv	100
9) Propene	2.703	41	24287	0.412	ppbv	84
10) Heptane	7.581	43	48474	0.366	ppbv	94
11) Trichlorofluoromethane	3.565	101	75034	0.456	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	52537	0.443	ppbv	97
13) Ethanol	3.266	45	2888m	0.549	ppbv	
14) Bromoethene	3.369	108	19265	0.417	ppbv #	91
15) Acetone	3.488	43	62706	0.512	ppbv	98
16) 1,3-Butadiene	2.993	39	22142	0.339	ppbv #	74
17) tert-Butyl alcohol	3.903	59	44136	0.395	ppbv	95
18) 1,1-Dichloroethene	3.886	96	24153	0.476	ppbv	85
19) Isopropyl Alcohol	3.597	45	26195	0.366	ppbv #	87
20) Methylene Chloride	3.935	84	21226	0.465	ppbv #	82
21) Allyl Chloride	3.999	41	30796	0.384	ppbv	86
22) trans-1,2-Dichloroethene	4.449	96	21628m	0.427	ppbv	
23) Vinyl Acetate	4.632	43	34297m	0.367	ppbv	
24) 1,1-Dichloroethane	4.565	63	47877	0.435	ppbv	98
25) Ethyl Acetate	5.214	43	98865	0.407	ppbv	98
26) Hexane	5.214	57	38376	0.380	ppbv	82
27) Carbon Disulfide	4.128	76	36484	0.309	ppbv #	79
28) Methyl tert-Butyl Ether	4.603	73	27246	0.428	ppbv	98
29) Chloroform	5.272	83	74367	0.452	ppbv	94
30) Cyclohexane	6.603	84	27820m	0.339	ppbv	
31) cis-1,2-Dichloroethene	5.079	61	38456	0.386	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	67525	0.422	ppbv	98
34) 2-Butanone	4.803	43	56732	0.394	ppbv	99
35) Carbon Tetrachloride	6.494	117	66810	0.407	ppbv	98
36) Benzene	6.369	78	83481	0.383	ppbv	97
37) 1,2-Dichloroethane	5.806	62	50533	0.415	ppbv	99
38) Trichloroethene	7.288	130	39790m	0.399	ppbv	
39) 1,2-Dichloropropane	7.070	63	33371	0.400	ppbv	88
40) 1,4-Dioxane	7.320	88	10652m	0.318	ppbv	
41) Tetrahydrofuran	5.581	42	26578	0.322	ppbv	94
42) Bromodichloromethane	7.246	83	67982	0.386	ppbv #	98
43) Methyl Methacrylate	7.488	69	25632m	0.328	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	135868	0.374	ppbv #	89
45) t-1,3-Dichloropropene	8.706	75	18567m	0.258	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 02:12:07 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 : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	31686m	0.305	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	37213	0.405	ppbv	90
48) Dibromochloromethane	9.700	129	52034m	0.352	ppbv	
49) Bromoform	12.401	173	41222m	0.330	ppbv	
50) 4-Methyl-2-Pentanone	8.198	43	77159	0.339	ppbv	98
51) 2-Hexanone	9.568	43	53606m	0.312	ppbv	
52) Tetrachloroethene	10.610	164	33686	0.400	ppbv	96
53) Toluene	9.221	91	78413	0.323	ppbv	98
54) 1,2-Dibromoethane	10.005	107	47660	0.390	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.504	131	47813m	0.452	ppbv	
57) Chlorobenzene	11.516	112	85828	0.442	ppbv #	89
58) Ethyl Benzene	12.089	91	110006	0.350	ppbv	96
59) m/p-Xylene	12.368	91	207243m	0.764	ppbv	
60) o-Xylene	13.053	91	91506	0.356	ppbv	97
61) Styrene	12.889	104	32726m	0.283	ppbv	
62) Isopropylbenzene	14.021	105	154409m	0.396	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	74589m	0.460	ppbv	
64) n-propylbenzene	14.909	120	38424m	0.377	ppbv	
65) tert-Butylbenzene	16.092	119	131089	0.372	ppbv	93
66) Benzyl Chloride	16.323	91	9275m	0.410	ppbv	
67) sec-Butylbenzene	16.632	105	184979	0.381	ppbv	100
69) p-Isopropyltoluene	16.995	119	140993m	0.350	ppbv	
70) n-Butylbenzene	17.889	91	148388m	0.359	ppbv	
71) 2-Chlorotoluene	14.796	91	106763	0.371	ppbv	97
72) 4-Ethyltoluene	15.191	105	101203	0.335	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.349	105	90701	0.348	ppbv	87
74) 1,2,4-Trimethylbenzene	16.105	105	120984	0.400	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	76620	0.403	ppbv	95
76) 1,4-Dichlorobenzene	16.474	146	70868	0.385	ppbv	92
77) 1,2-Dichlorobenzene	17.140	146	74674	0.396	ppbv	93
78) Hexachloro-1,3-Butadiene	22.635	225	75145	0.467	ppbv	99
79) Naphthalene	21.394	128	73250m	0.274	ppbv	
80) Naphthalene,2-methyl-	24.378	142	27070m	0.121	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	52150m	0.328	ppbv	

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

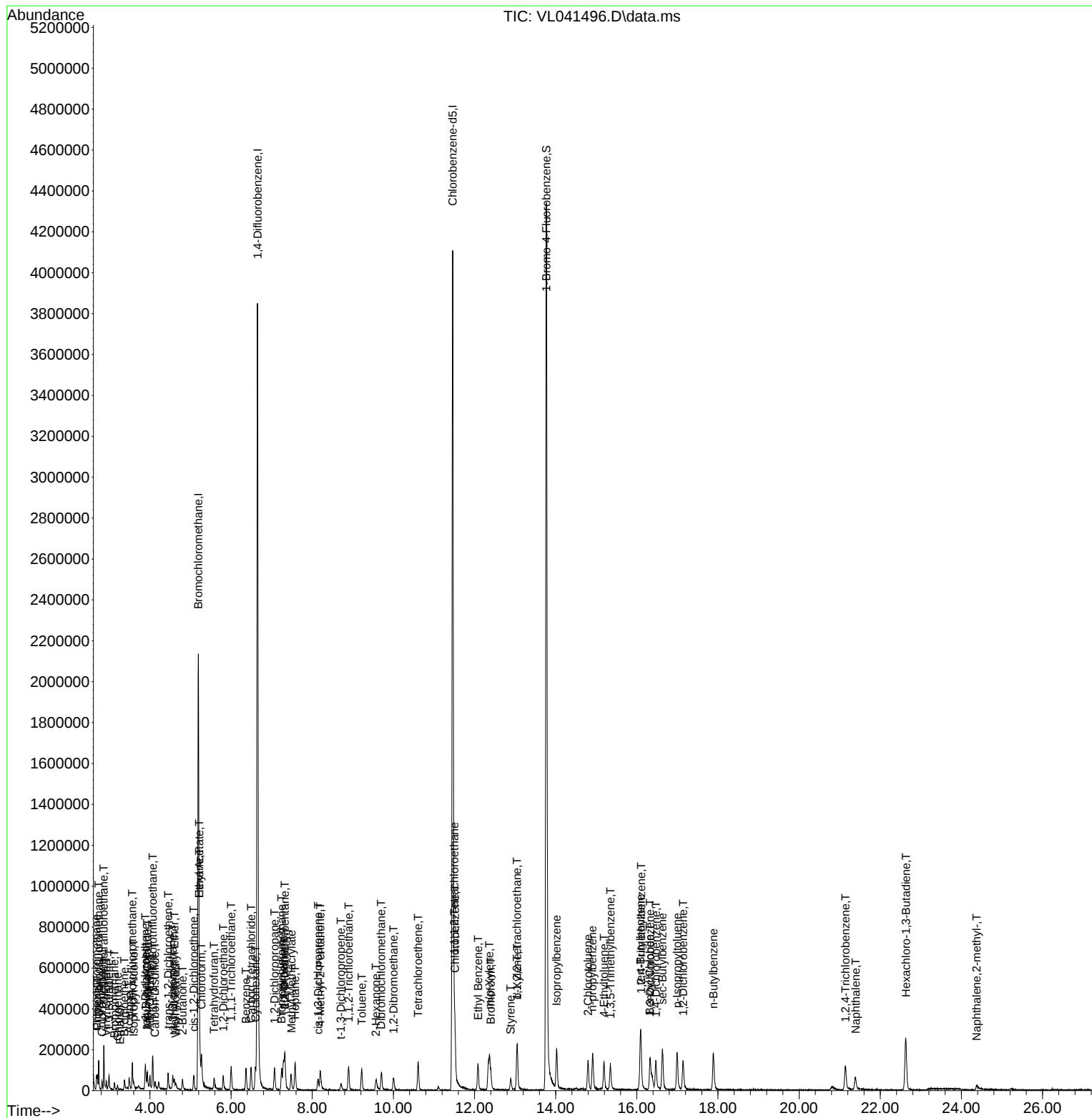
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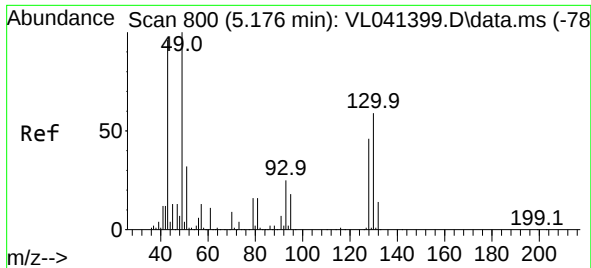
Instrument :
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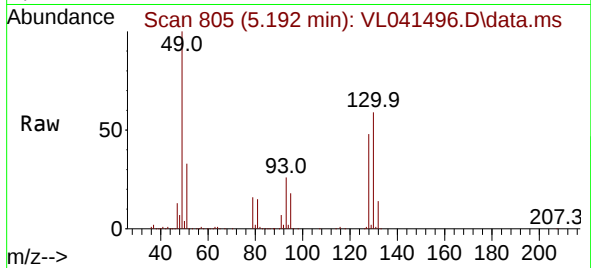
Reviewed By : Semsettin Yesilyurt 08/09/2024
Supervised By : Mahesh Dadoda 08/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041496.D
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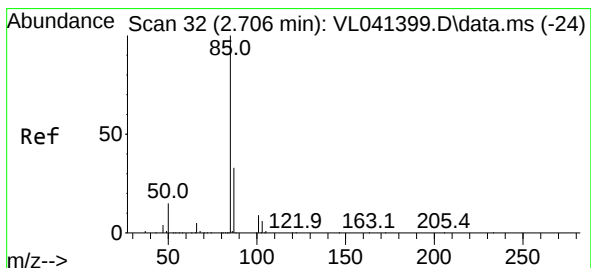
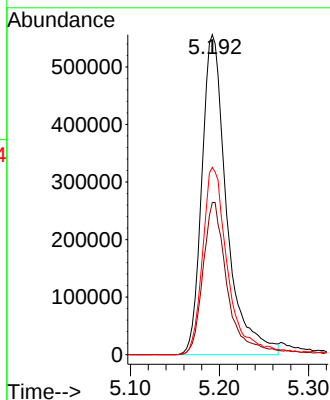
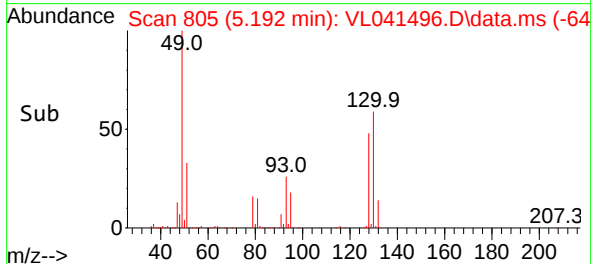
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 49 Resp: 107717
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 61.8 30.8 92.4

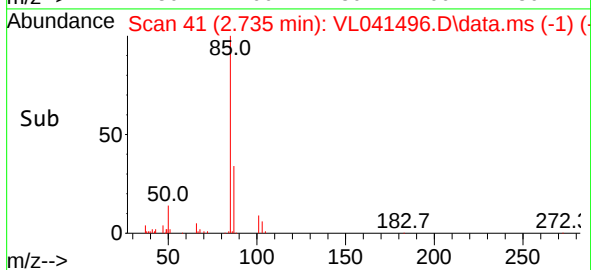
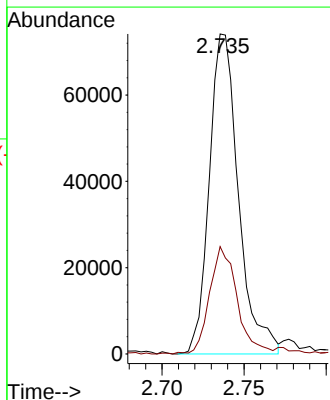
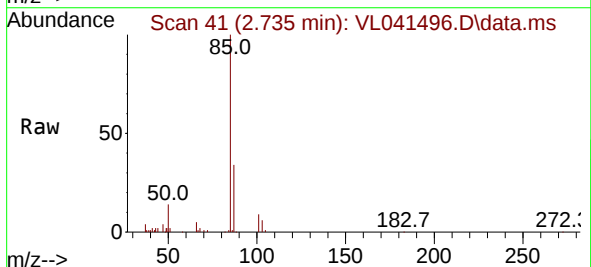
Manual Integrations
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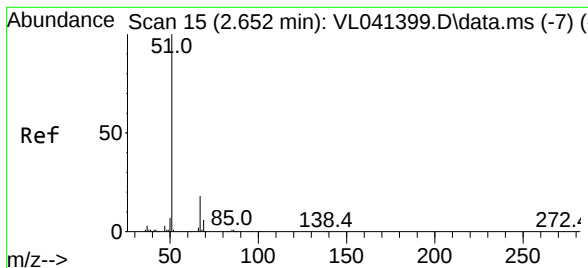
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 0.495 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

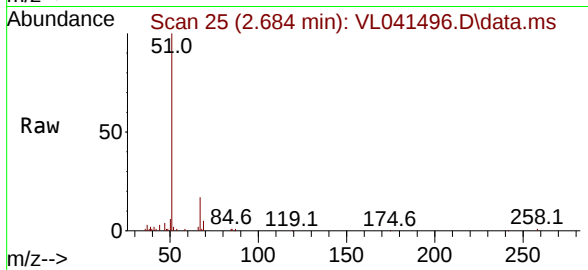
Tgt Ion: 85 Resp: 91818
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.466 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

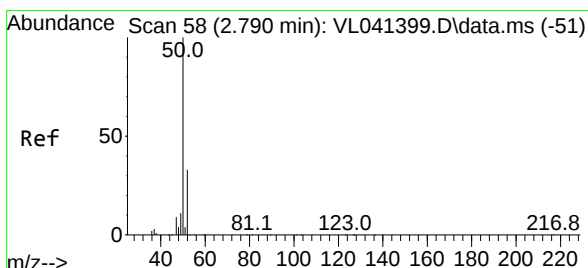
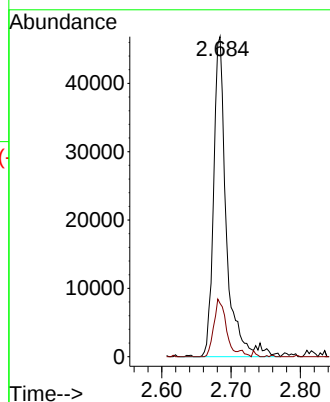
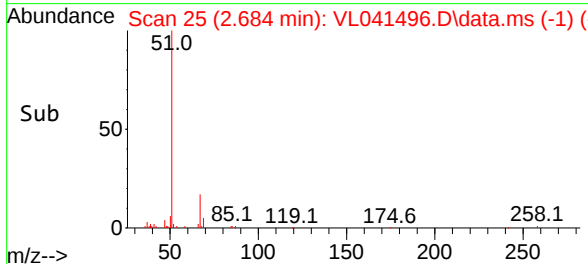
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 51 Resp: 59760
Ion Ratio Lower Upper
51 100
67 18.8 14.5 21.7

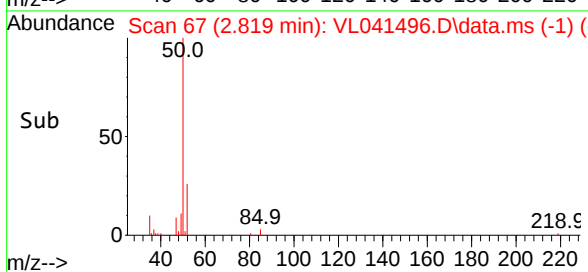
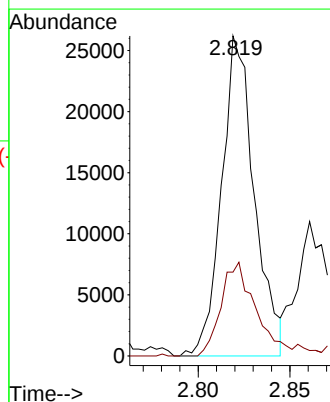
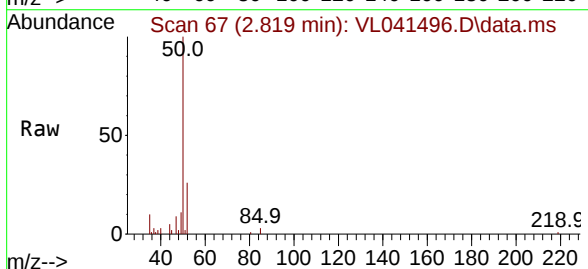
Manual Integrations
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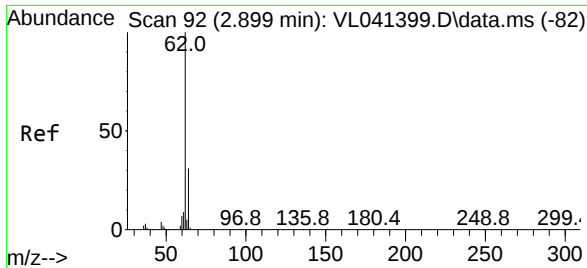
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 0.477 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

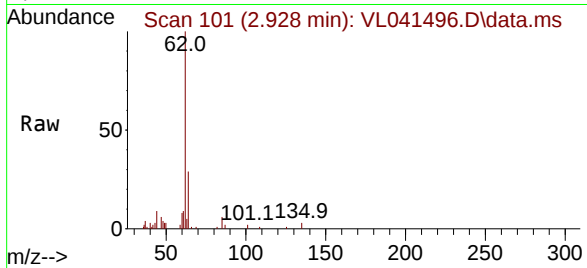
Tgt Ion: 50 Resp: 32544
Ion Ratio Lower Upper
50 100
52 26.5 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.392 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

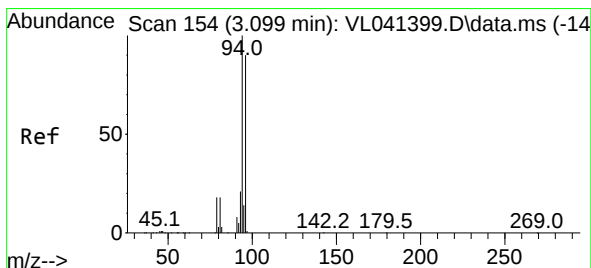
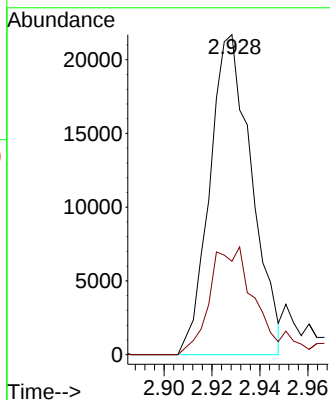
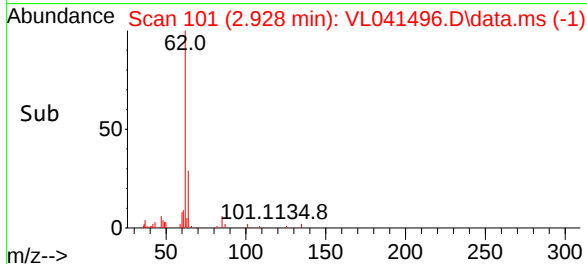
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 26329
 Ion Ratio Lower Upper
 62 100
 64 29.2 25.0 37.4

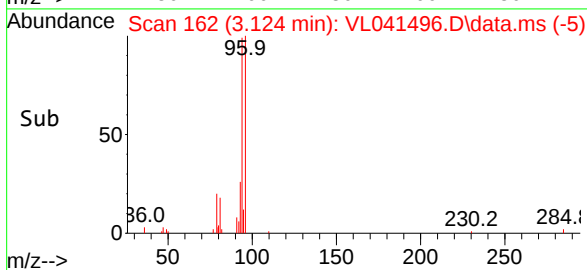
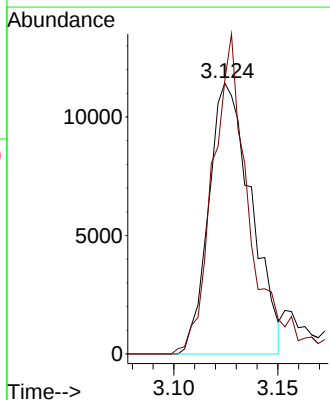
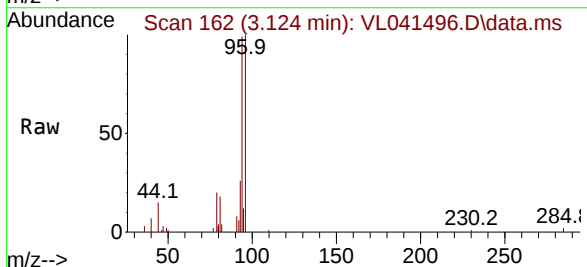
Manual Integrations
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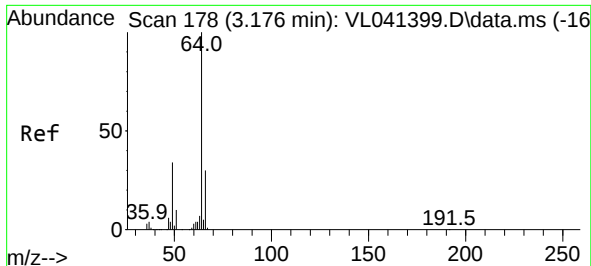
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#6
 Bromomethane
 Concen: 0.470 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

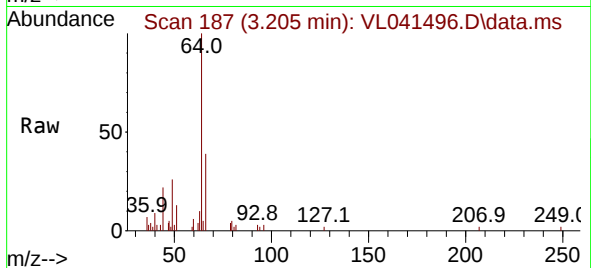
Tgt Ion: 94 Resp: 16240
 Ion Ratio Lower Upper
 94 100
 96 98.9 72.3 108.5





#7
Chloroethane
Concen: 0.425 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

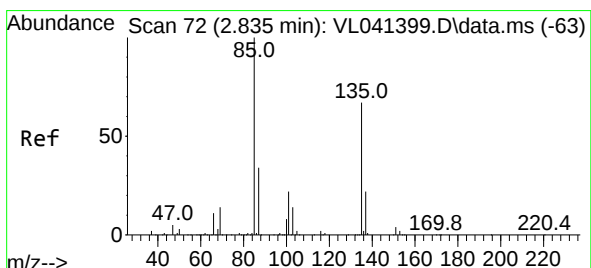
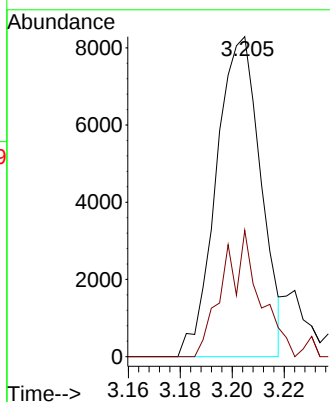
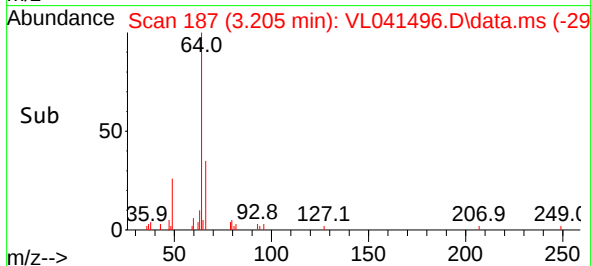
Instrument :
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MDL-AIR-03-QT3-2024



Tgt Ion: 64 Resp: 985
Ion Ratio Lower Upper
64 100
66 37.5 24.2 36.2

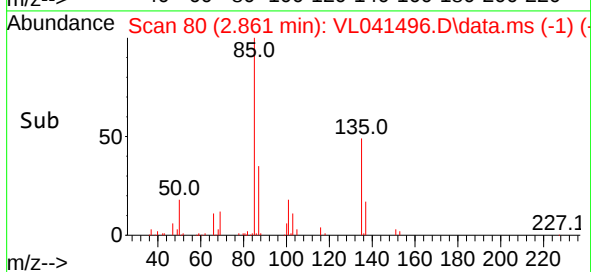
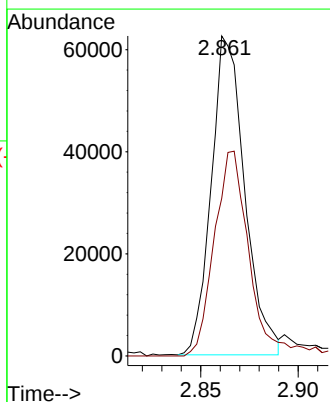
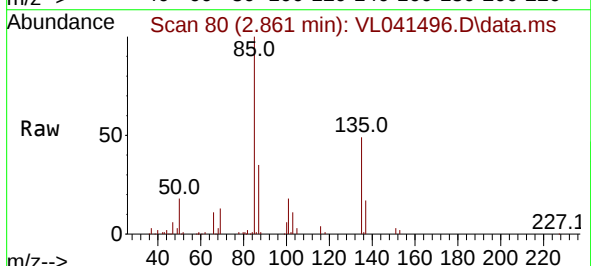
Manual Integrations
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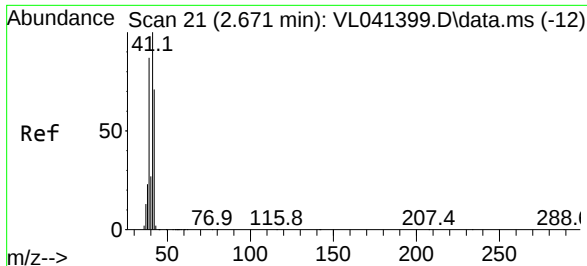
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.455 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

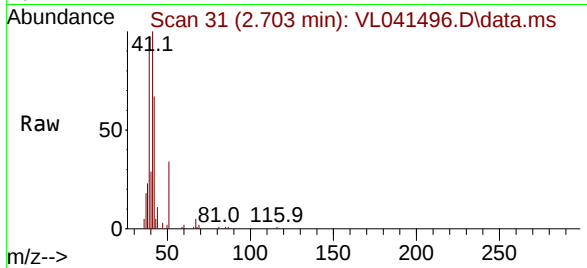
Tgt Ion: 85 Resp: 74657
Ion Ratio Lower Upper
85 100
135 69.4 55.4 83.0





#9
 Propene
 Concen: 0.412 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

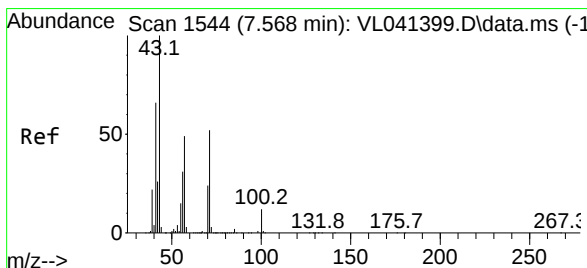
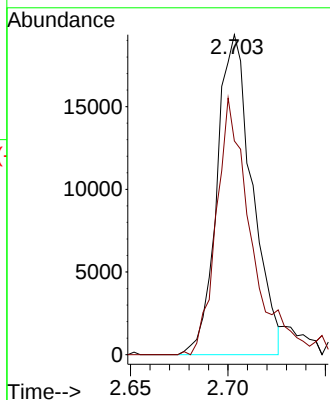
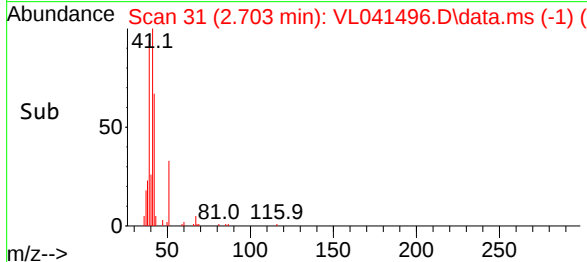
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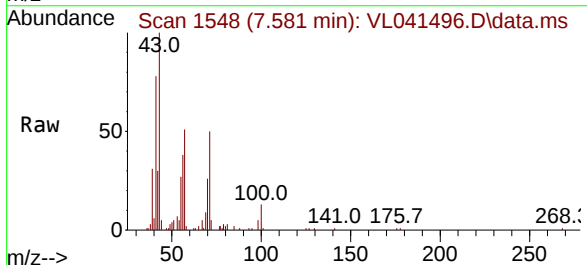
Tgt Ion: 41 Resp: 2428
 Ion Ratio Lower Upper
 41 100
 42 83.2 55.9 83.9

Manual Integrations
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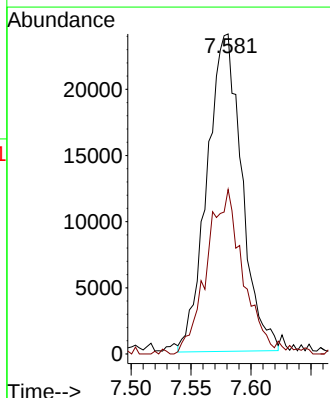
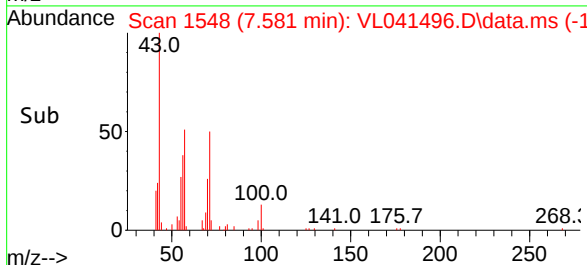
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 Supervised By :Mahesh Dadoda 08/09/2024

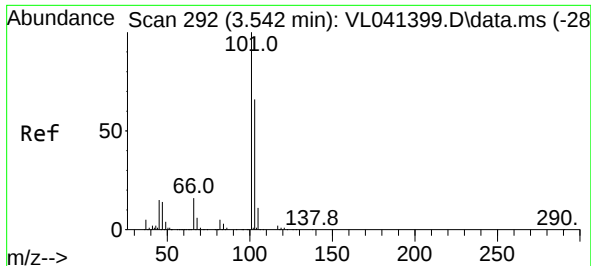


#10
 Heptane
 Concen: 0.366 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.007 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05



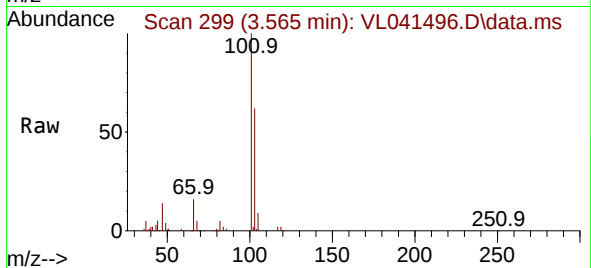
Tgt Ion: 43 Resp: 48474
 Ion Ratio Lower Upper
 43 100
 57 55.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.456 ppbv
RT: 3.565 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

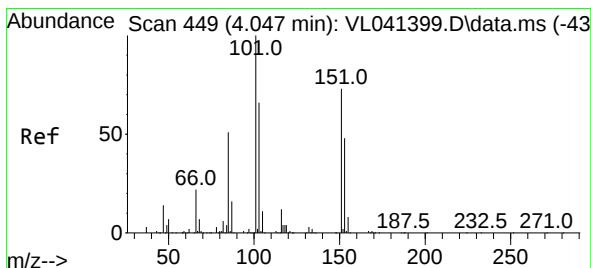
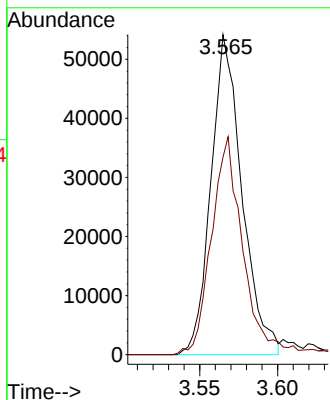
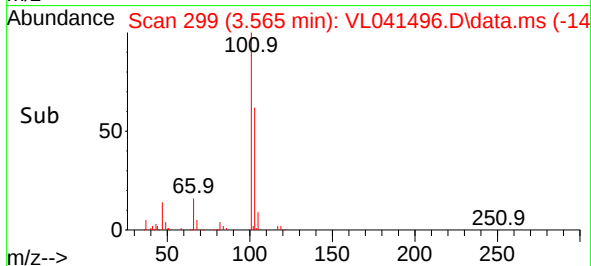
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



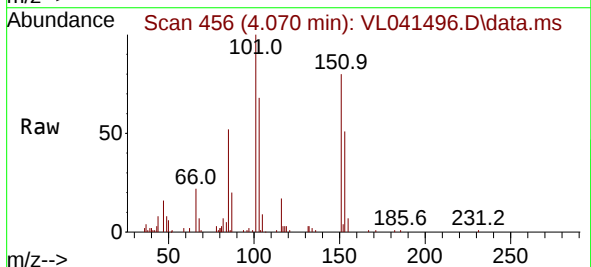
Tgt Ion:101 Resp: 75034
Ion Ratio Lower Upper
101 100
103 61.2 52.6 79.0

Manual Integrations
APPROVED

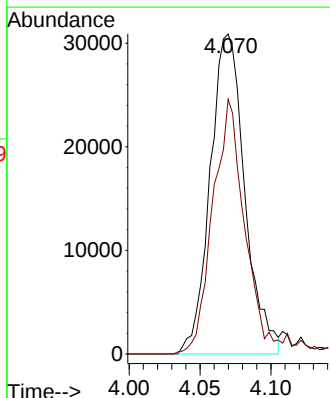
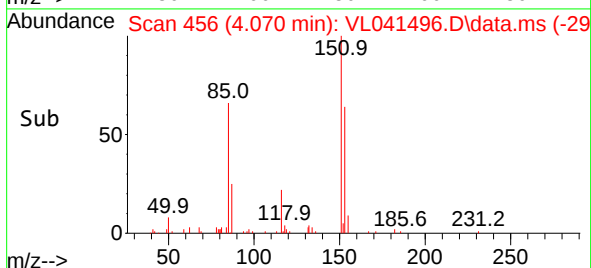
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

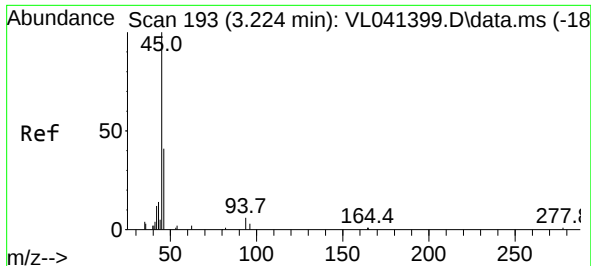


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.443 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



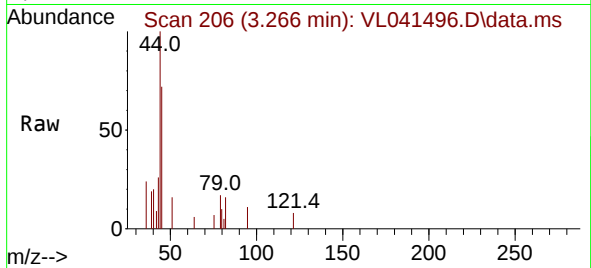
Tgt Ion:101 Resp: 52537
Ion Ratio Lower Upper
101 100
151 77.0 59.4 89.2





#13
Ethanol
Concen: 0.549 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.023 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

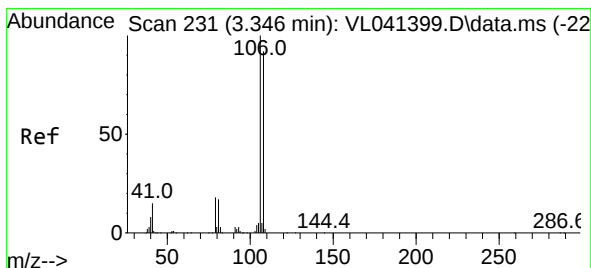
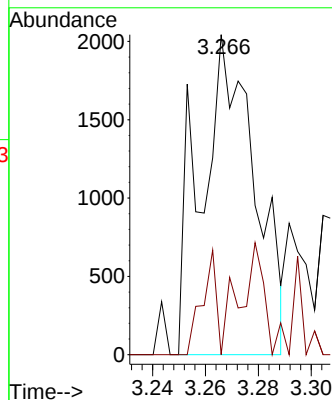
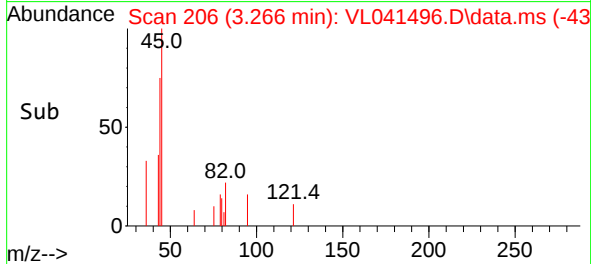
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



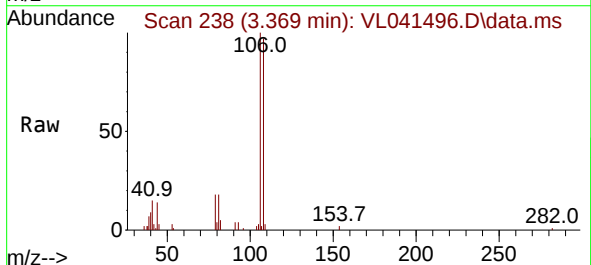
Tgt Ion: 45 Resp: 288
Ion Ratio Lower Upper
45 100
46 8.4 13.4 53.4

Manual Integrations
APPROVED

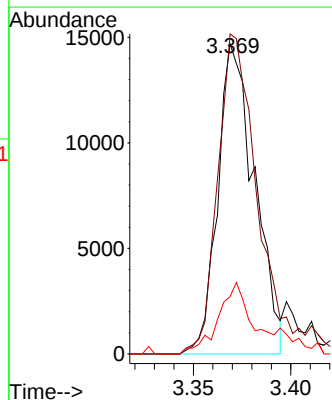
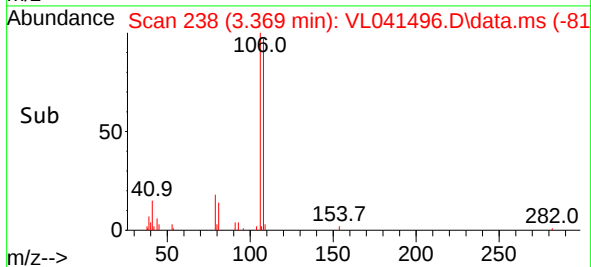
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

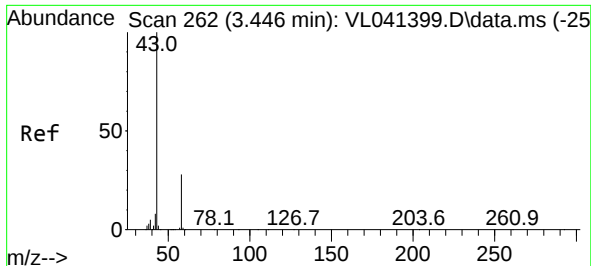


#14
Bromoethene
Concen: 0.417 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



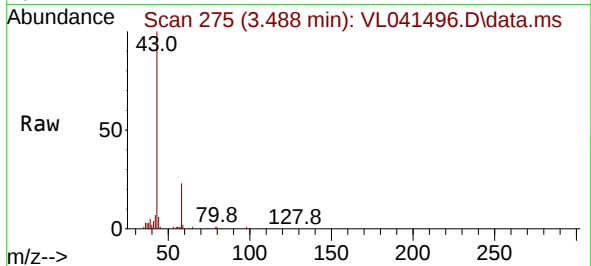
Tgt Ion:108 Resp: 19265
Ion Ratio Lower Upper
108 100
106 117.9 86.9 130.3
79 25.8 16.2 24.4





#15
Acetone
Concen: 0.512 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

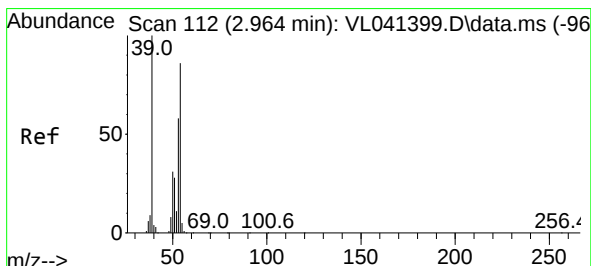
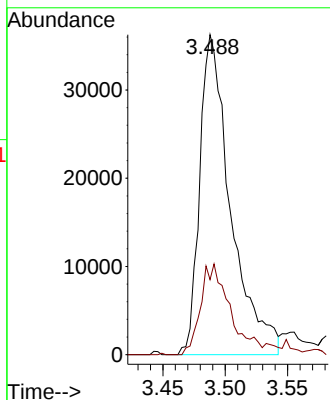
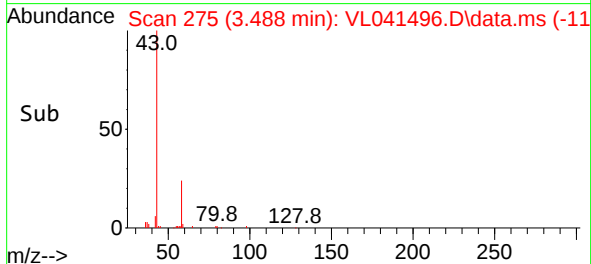
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



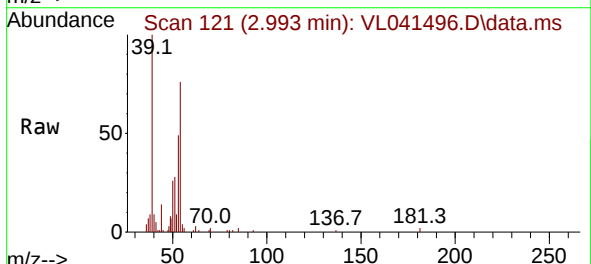
Tgt Ion: 43 Resp: 62700
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.2

Manual Integrations
APPROVED

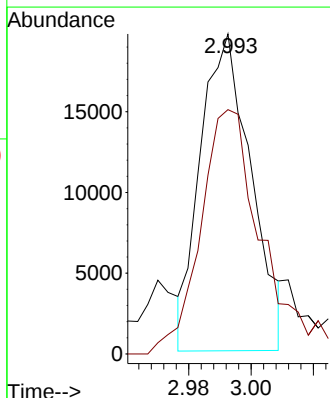
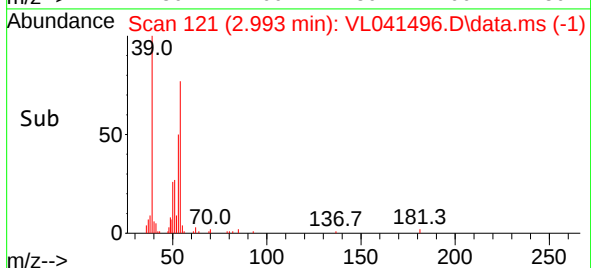
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

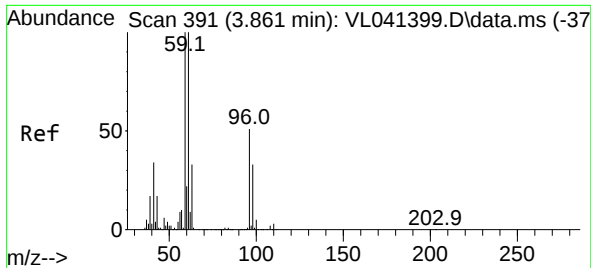


#16
1,3-Butadiene
Concen: 0.339 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



Tgt Ion: 39 Resp: 22142
Ion Ratio Lower Upper
39 100
54 100.6 62.5 93.7#





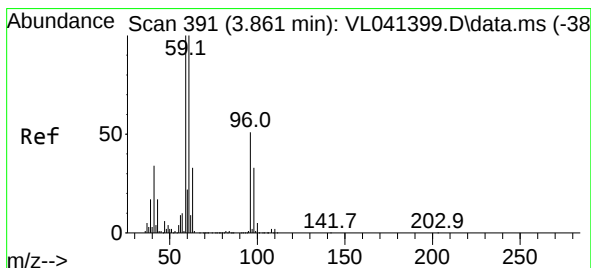
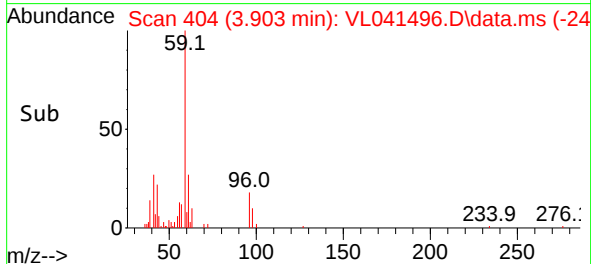
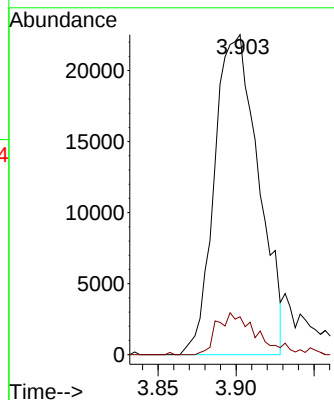
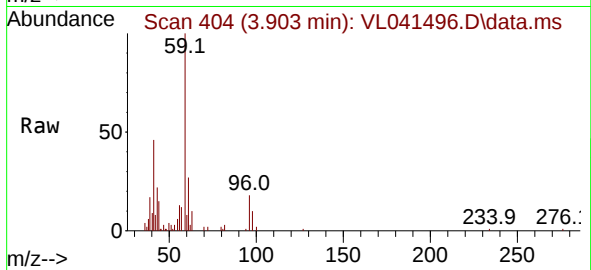
#17
tert-Butyl alcohol
Concen: 0.395 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.026 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 59 Resp: 44130
Ion Ratio Lower Upper
59 100
57 12.4 8.6 12.8

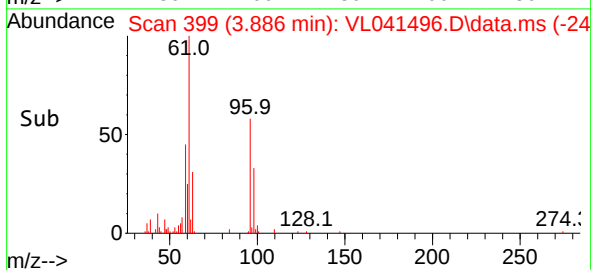
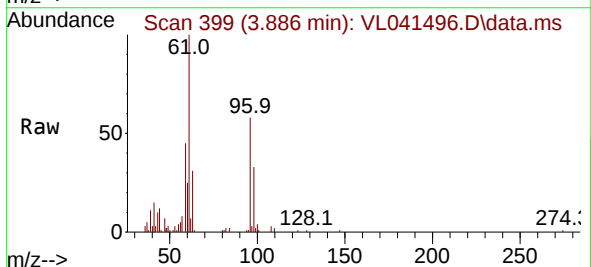
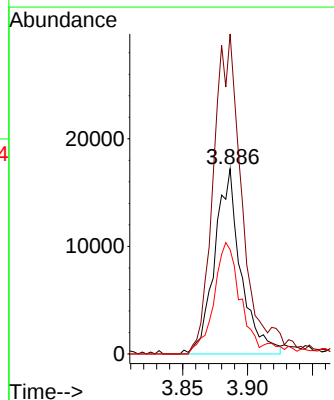
Manual Integrations
APPROVED

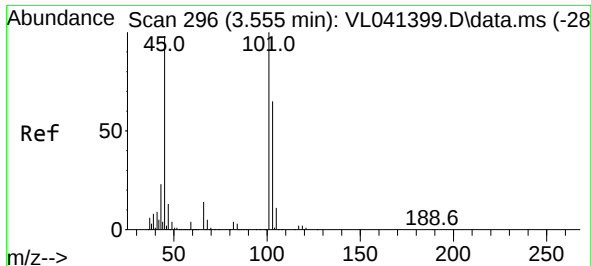
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#18
1,1-Dichloroethene
Concen: 0.476 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 96 Resp: 24153
Ion Ratio Lower Upper
96 100
61 172.8 157.5 236.3
98 56.3 51.2 76.8





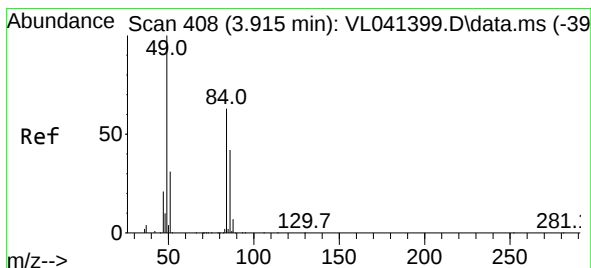
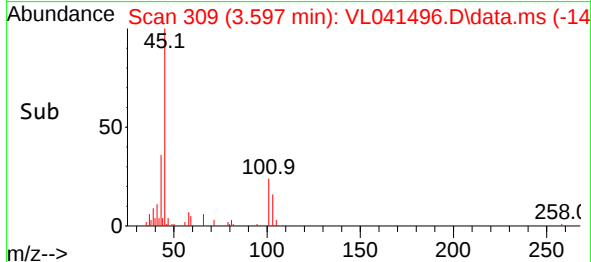
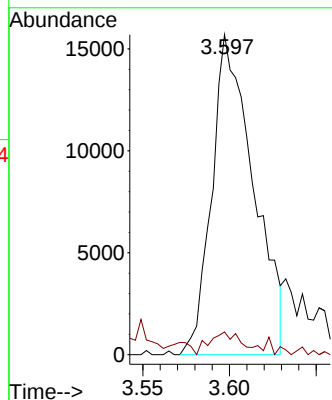
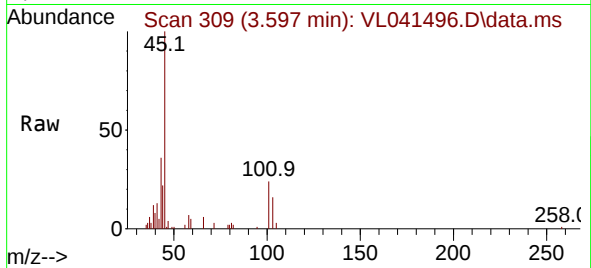
#19
Isopropyl Alcohol
Concen: 0.366 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.023 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 45 Resp: 2619
Ion Ratio Lower Upper
45 100
58 6.8 1.9 2.9

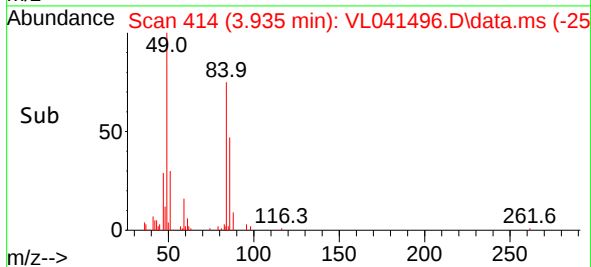
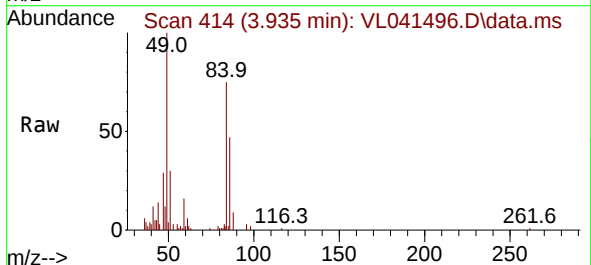
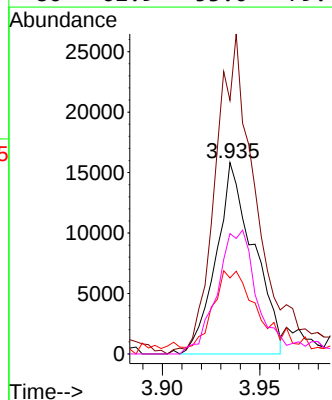
Manual Integrations
APPROVED

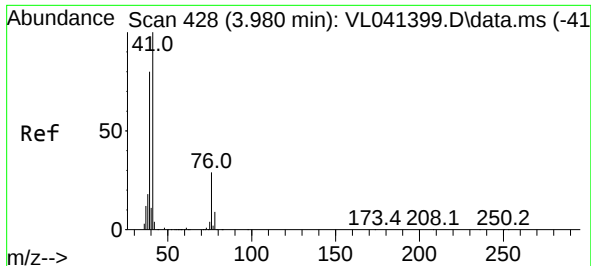
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#20
Methylene Chloride
Concen: 0.465 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 84 Resp: 21226
Ion Ratio Lower Upper
84 100
49 126.6 126.6 190.0
51 36.1 38.6 58.0#
86 62.9 53.0 79.4





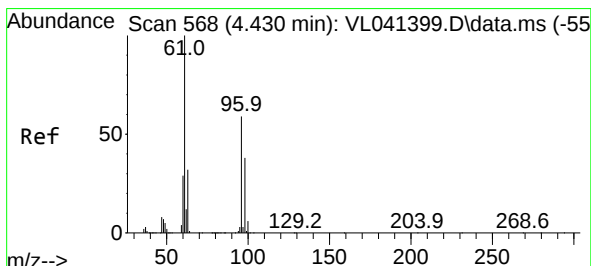
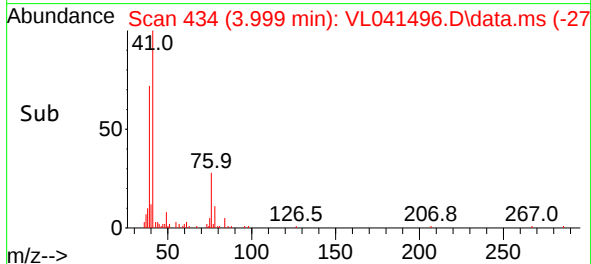
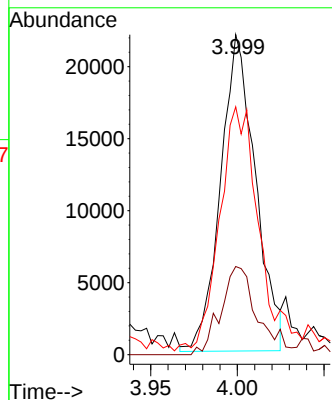
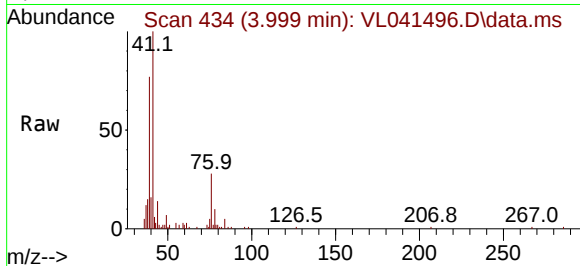
#21
 Allyl Chloride
 Concen: 0.384 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

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

Tgt Ion: 41 Resp: 30790
 Ion Ratio Lower Upper
 41 100
 76 31.9 23.7 35.5
 39 95.7 64.3 96.5

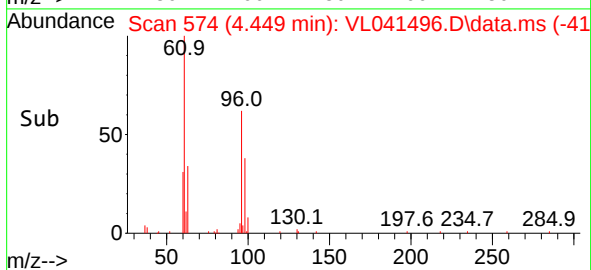
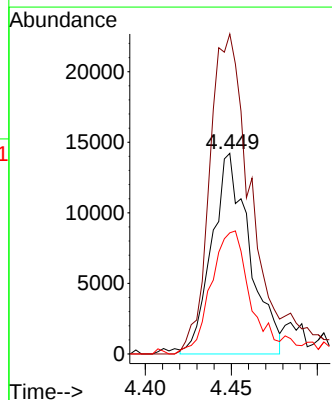
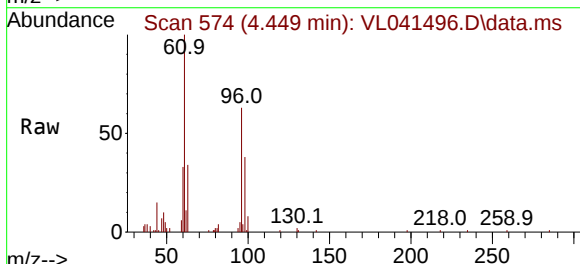
Manual Integrations
 APPROVED

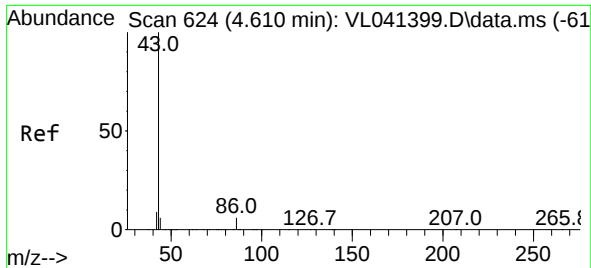
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.427 ppbv m
 RT: 4.449 min Scan# 574
 Delta R.T. 0.007 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

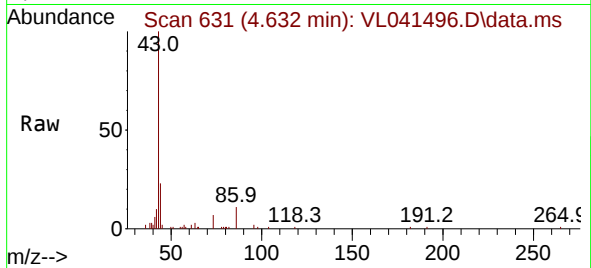
Tgt Ion: 96 Resp: 21628
 Ion Ratio Lower Upper
 96 100
 61 159.5 135.4 203.2
 98 60.4 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.367 ppbv m
 RT: 4.632 min Scan# 610
 Delta R.T. 0.007 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

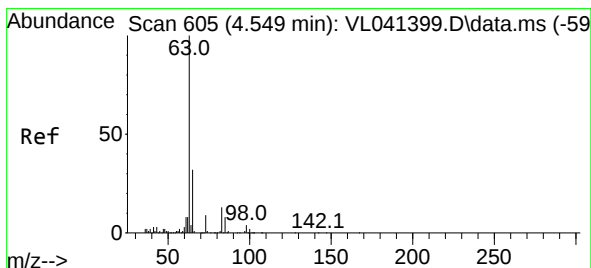
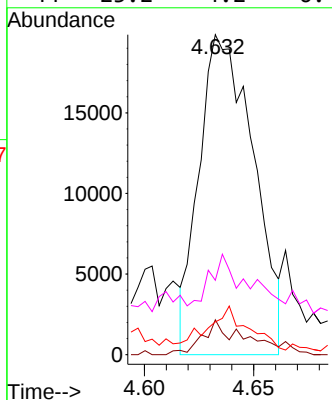
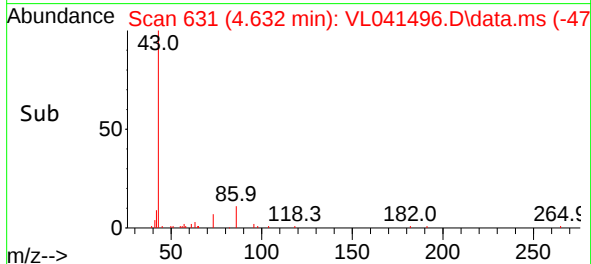
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion:	43	Resp:	3429
Ion	Ratio	Lower	Upper
43	100		
86	10.9	4.6	6.8
42	10.2	7.9	11.9
44	23.2	4.2	6.4

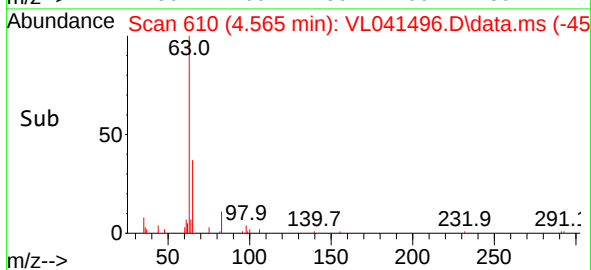
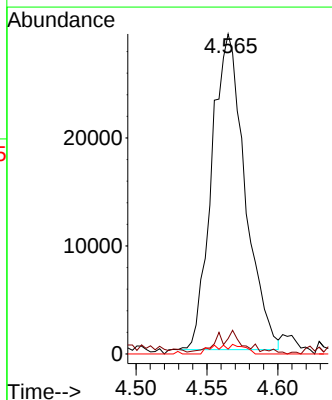
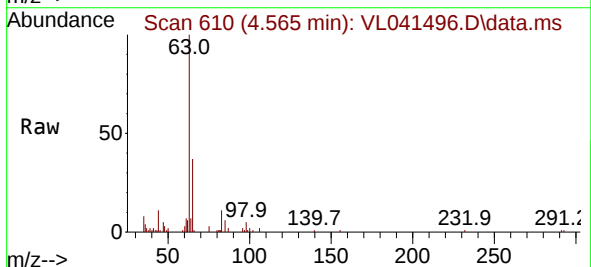
Manual Integrations
 APPROVED

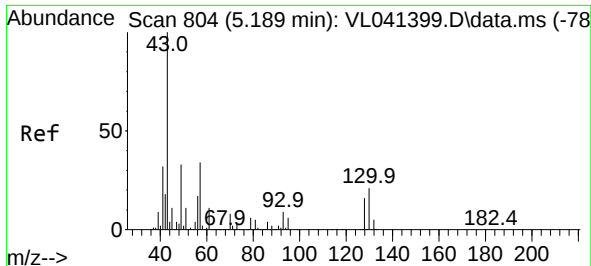
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 0.435 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

Tgt Ion:	63	Resp:	47877
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	6.0
100	1.5	1.2	3.6





#25
Ethyl Acetate
Concen: 0.407 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

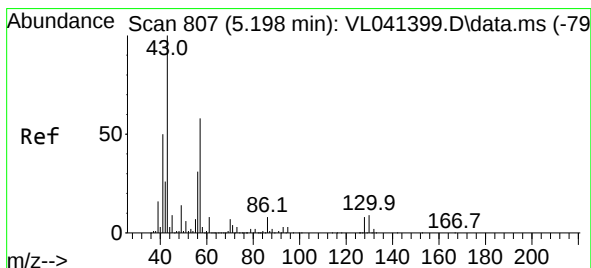
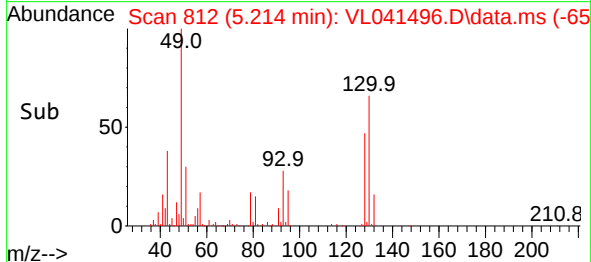
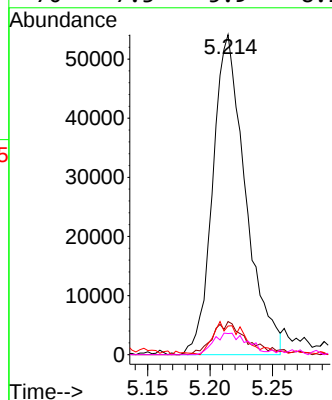
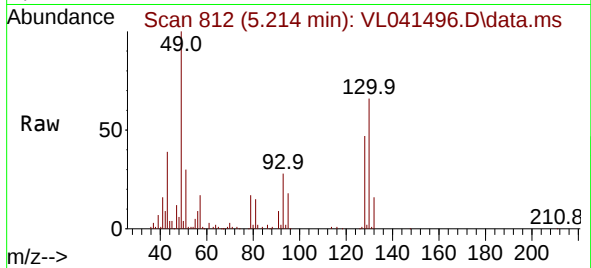
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 9886

Ion	Ratio	Lower	Upper
43	100		
45	11.4	8.5	12.7
61	9.4	8.0	12.0
70	7.3	5.9	8.9

Manual Integrations
APPROVED

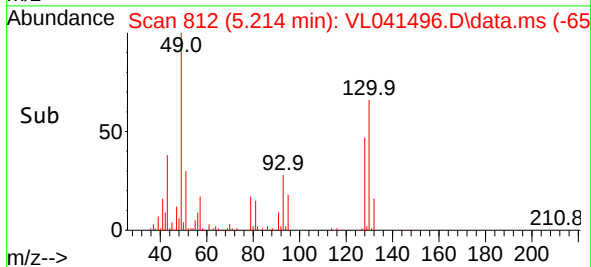
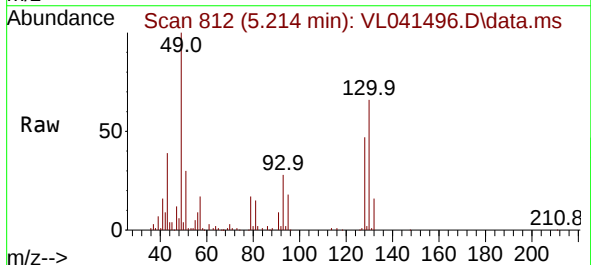
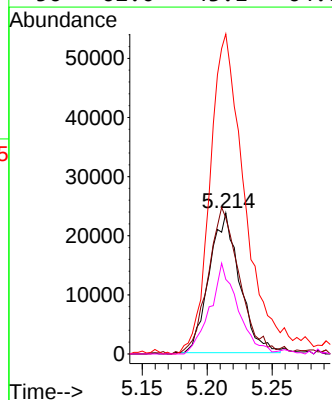
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

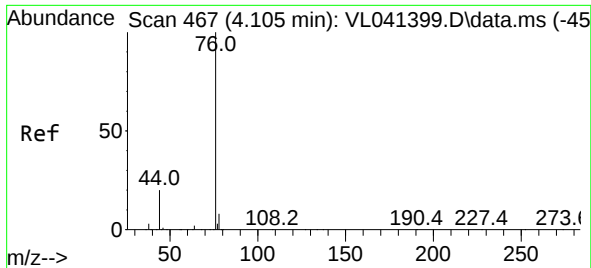


#26
Hexane
Concen: 0.380 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 57 Resp: 38376

Ion	Ratio	Lower	Upper
57	100		
41	110.2	74.0	111.0
43	276.3	193.6	290.4
56	62.0	43.1	64.7





#27

Carbon Disulfide

Concen: 0.309 ppbv

RT: 4.128 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041496.D

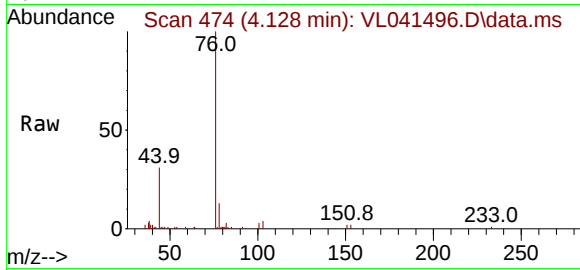
Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

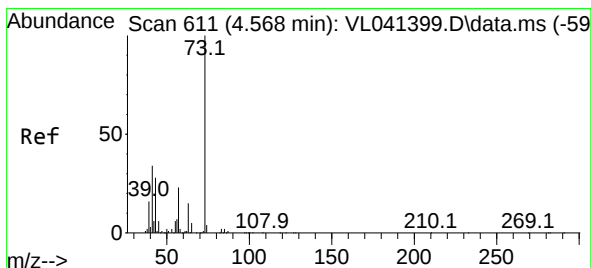
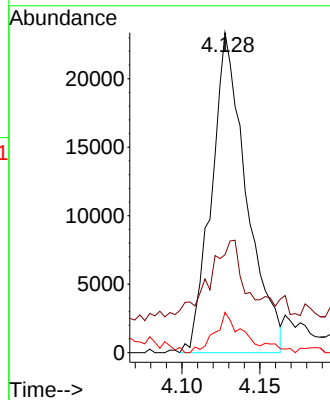
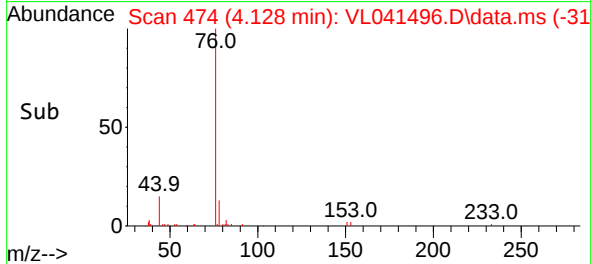


Tgt Ion: 76	Resp: 3648
Ion Ratio	Lower Upper
76	100
44	32.4 15.6 23.4
78	11.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#28

Methyl tert-Butyl Ether

Concen: 0.428 ppbv

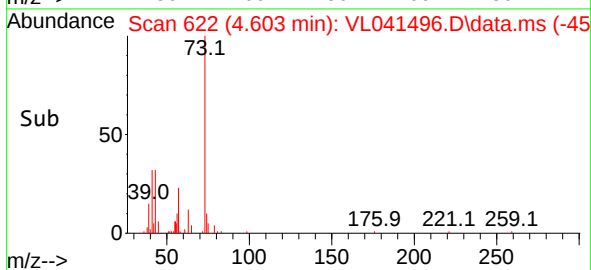
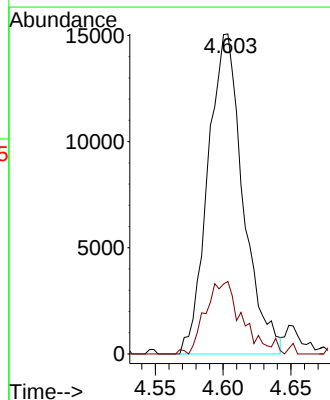
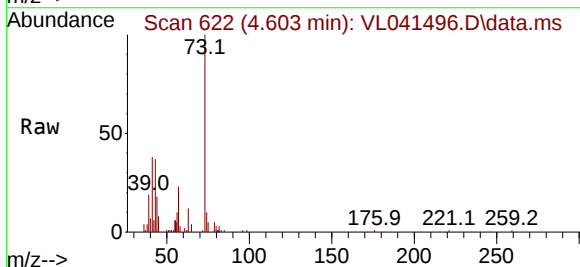
RT: 4.603 min Scan# 622

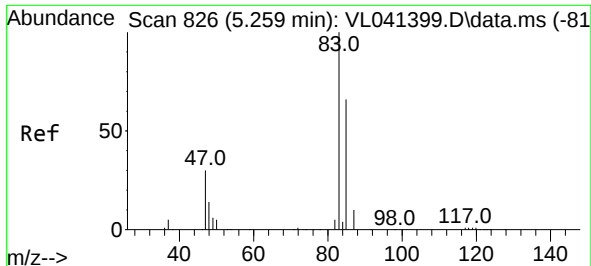
Delta R.T. 0.023 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Tgt Ion: 73	Resp: 27246
Ion Ratio	Lower Upper
73	100
57	24.4 18.9 28.3





#29

Chloroform

Concen: 0.452 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 83 Resp: 7436

Ion Ratio Lower Upper

83 100

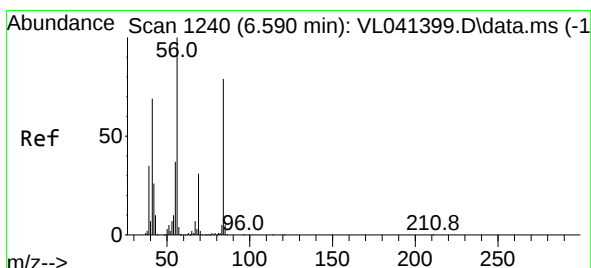
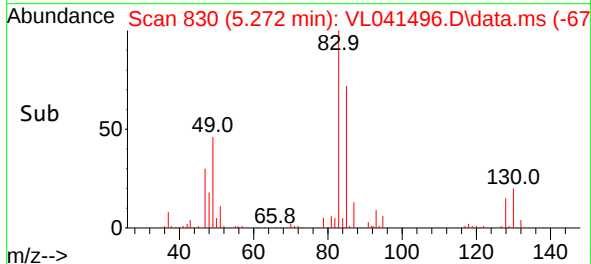
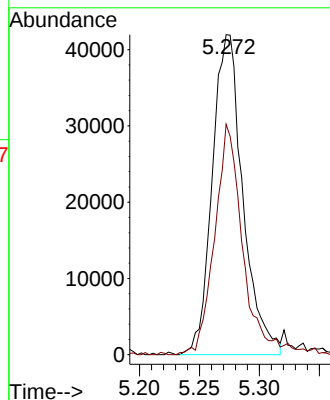
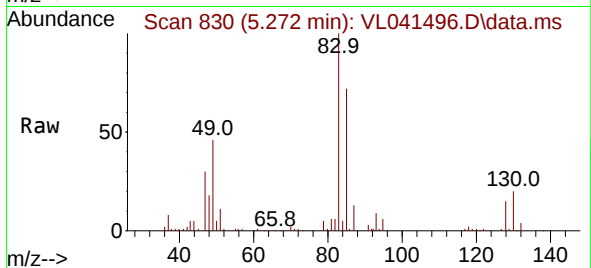
85 71.4 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#30

Cyclohexane

Concen: 0.339 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. 0.007 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

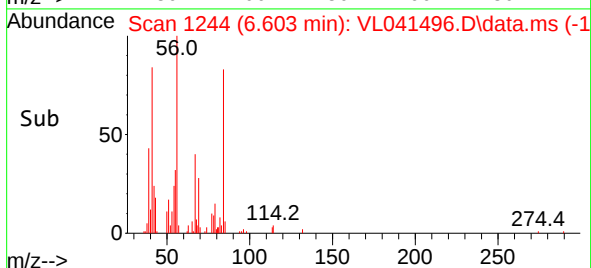
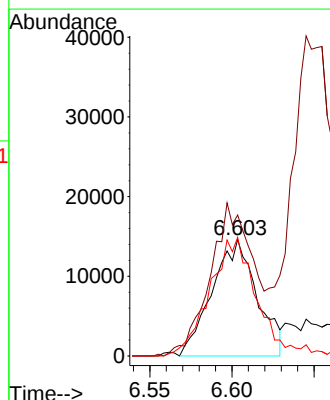
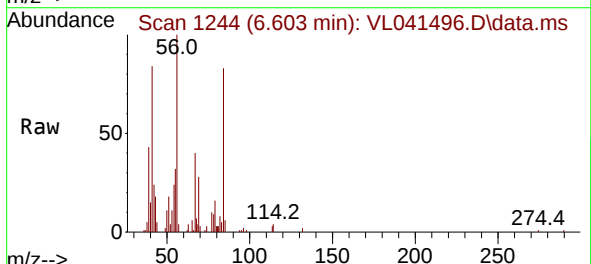
Tgt Ion: 84 Resp: 27820

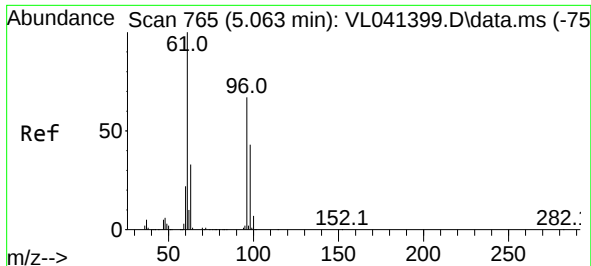
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

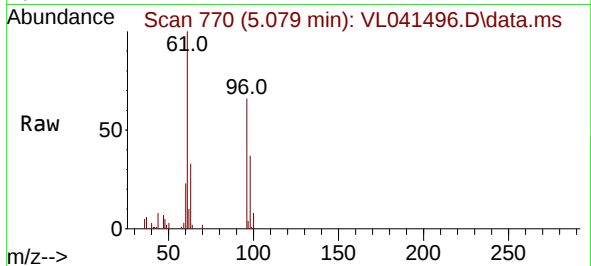
41 106.8 70.3 105.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.386 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05

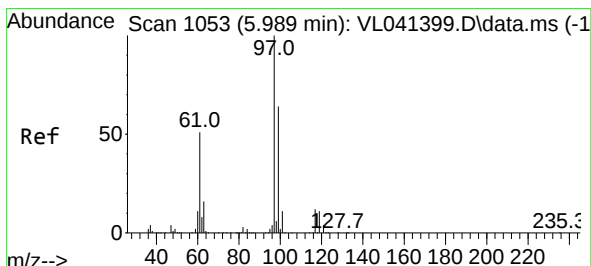
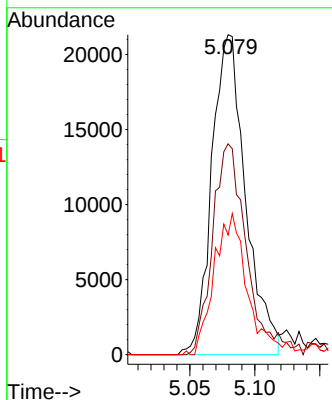
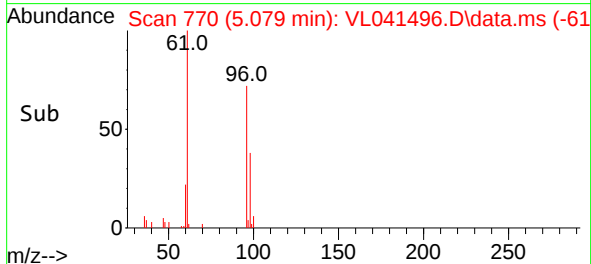
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



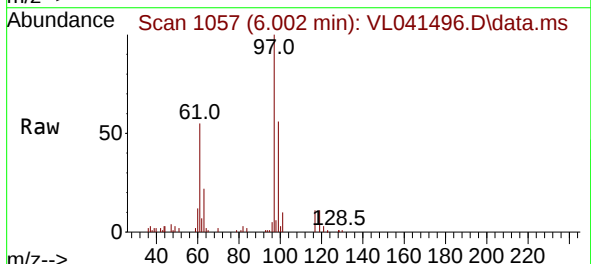
Tgt Ion: 61 Resp: 38450
 Ion Ratio Lower Upper
 61 100
 96 65.9 53.4 80.2
 98 37.4 34.4 51.6

Manual Integrations
 APPROVED

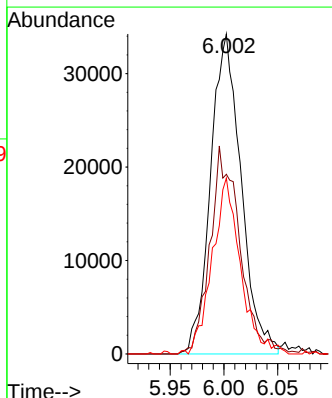
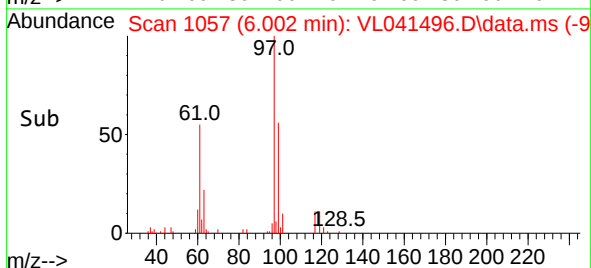
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

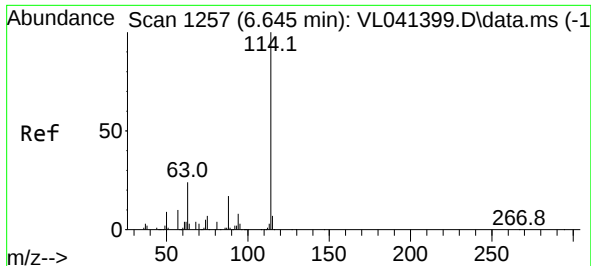


#32
 1,1,1-Trichloroethane
 Concen: 0.422 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.003 min
 Lab File: VL041496.D
 Acq: 5 Aug 2024 11:05



Tgt Ion: 97 Resp: 67525
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.0 78.0
 61 51.2 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:114 Resp: 297924

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

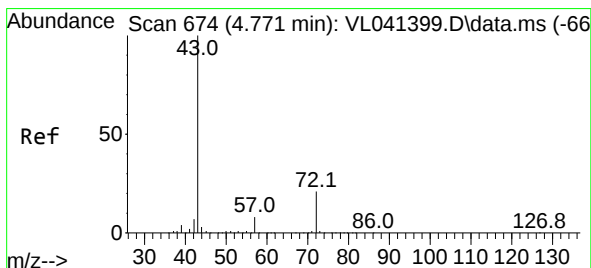
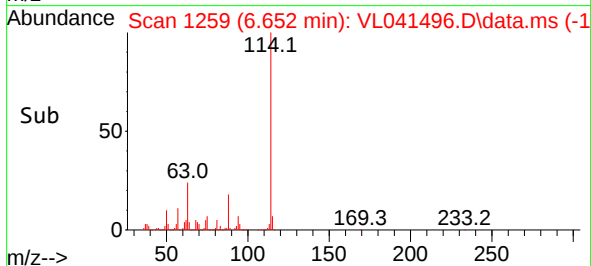
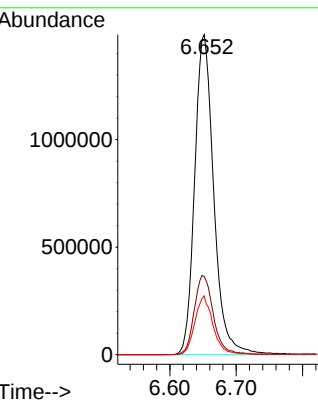
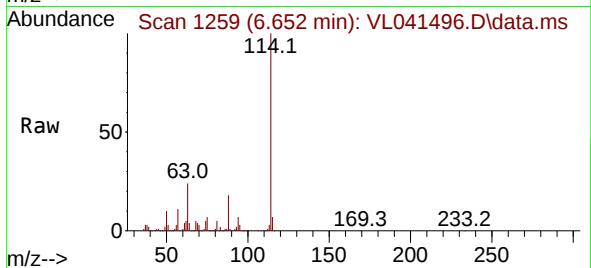
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 0.394 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.019 min

Lab File: VL041496.D

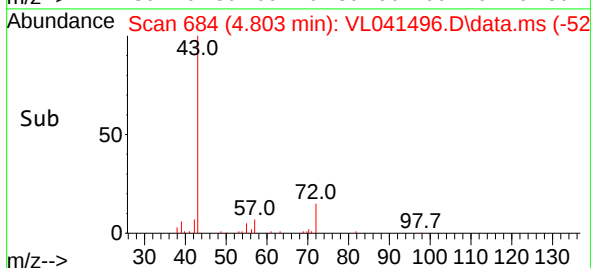
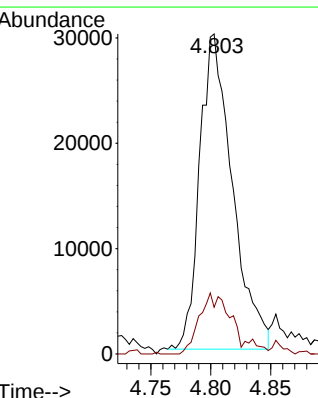
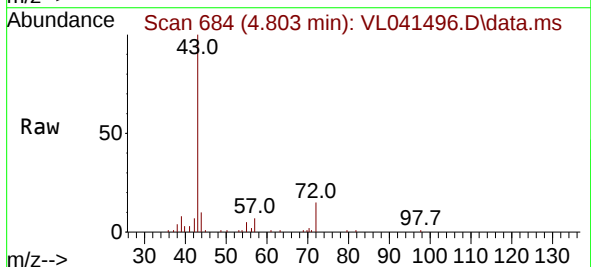
Acq: 5 Aug 2024 11:05

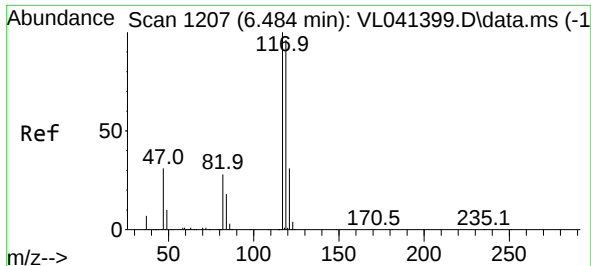
Tgt Ion: 43 Resp: 56732

Ion Ratio Lower Upper

43 100

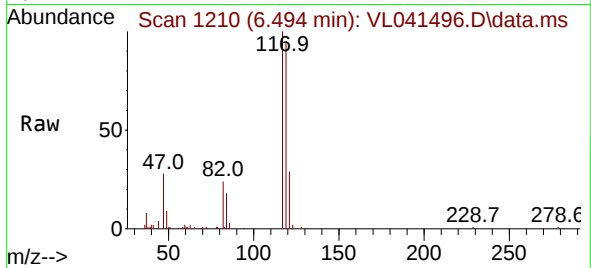
72 21.3 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.407 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

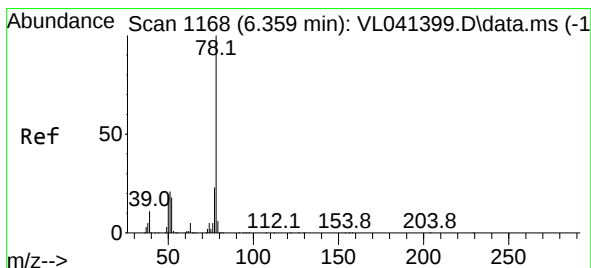
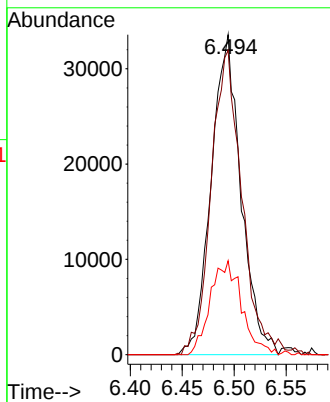
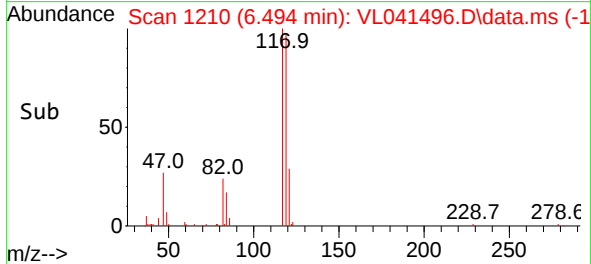
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



Tgt Ion: 117 Resp: 66810
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0
121 29.4 25.1 37.7

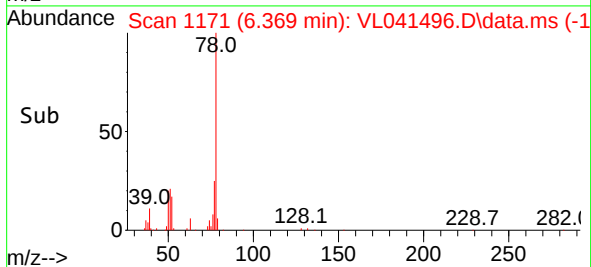
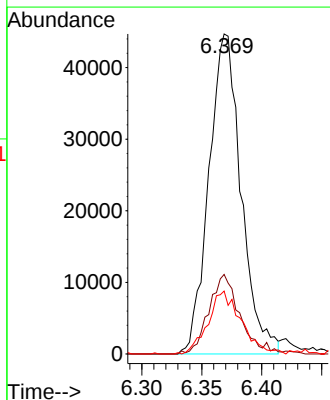
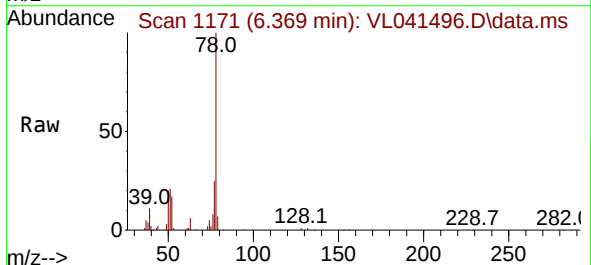
Manual Integrations
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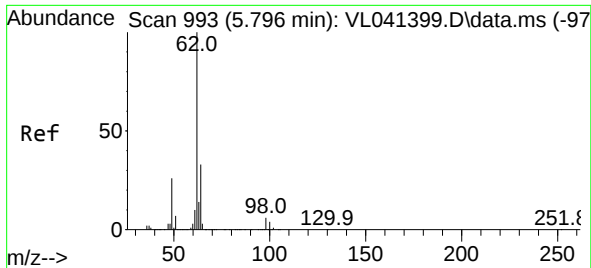
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#36
Benzene
Concen: 0.383 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 78 Resp: 83481
Ion Ratio Lower Upper
78 100
77 24.8 18.1 27.1
50 19.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.415 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 62 Resp: 5053

Ion Ratio Lower Upper

62 100

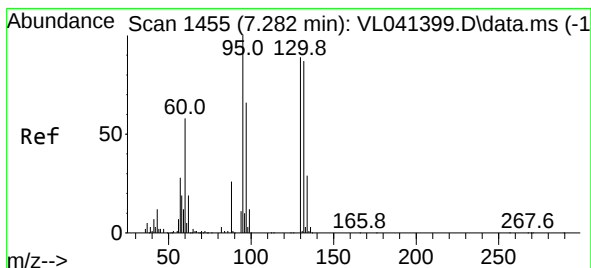
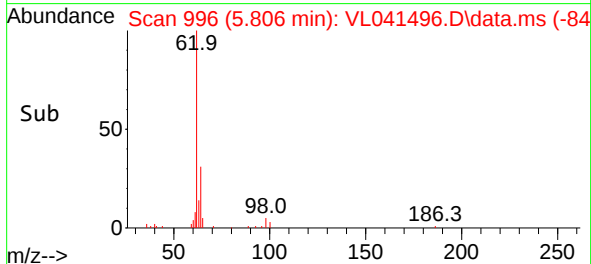
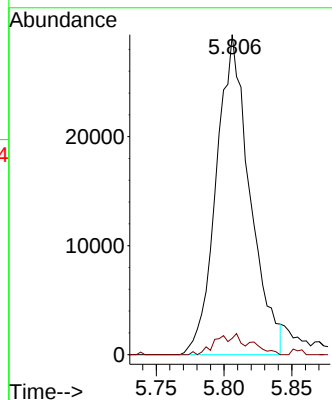
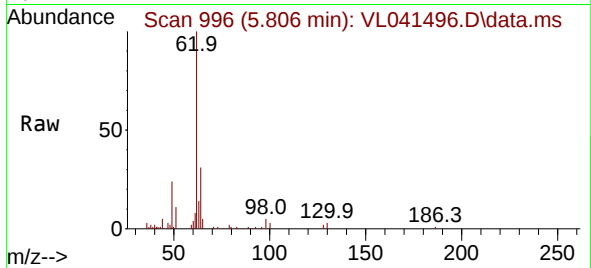
98 6.6 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#38

Trichloroethene

Concen: 0.399 ppbv m

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Tgt Ion:130 Resp: 39790

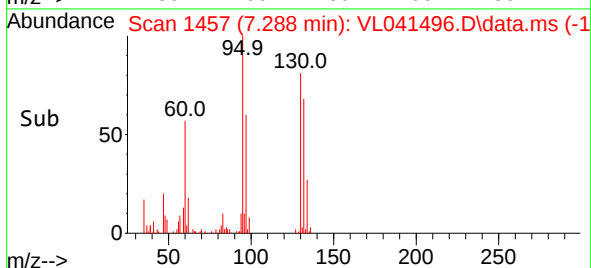
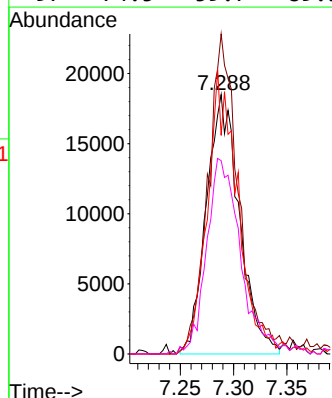
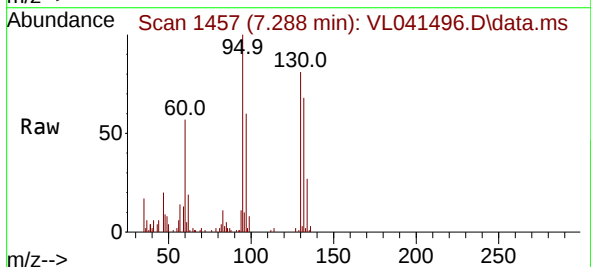
Ion Ratio Lower Upper

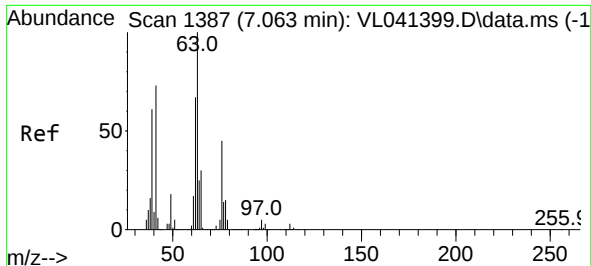
130 100

95 123.3 90.2 135.2

132 84.2 78.1 117.1

97 74.5 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.400 ppbv

RT: 7.070 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

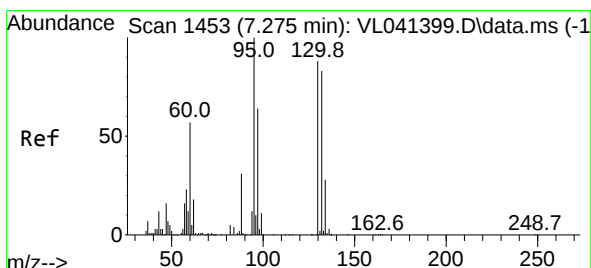
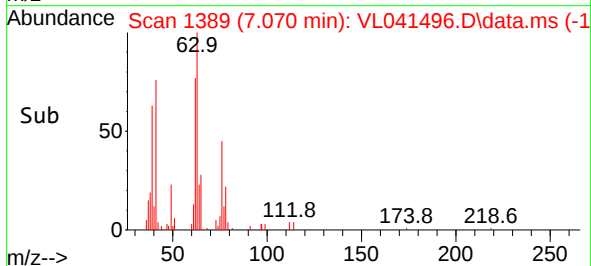
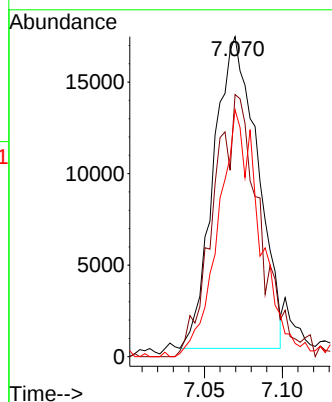
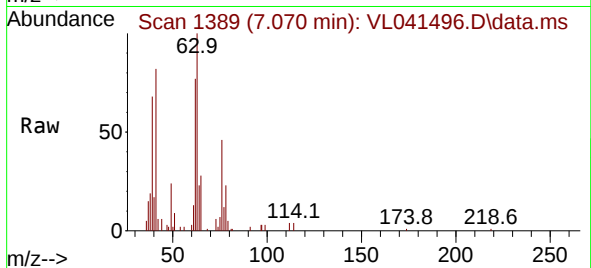
MDL-AIR-03-QT3-2024

Tgt Ion:	63	Resp:	3337
Ion	Ratio	Lower	Upper
63	100		
41	82.3	58.3	87.5
62	78.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#40

1,4-Dioxane

Concen: 0.318 ppbv m

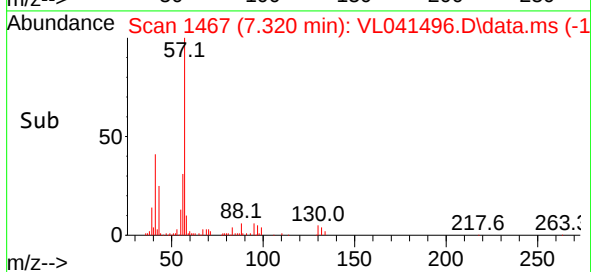
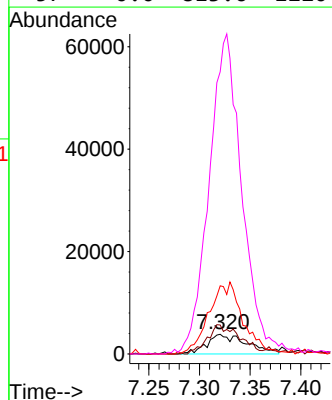
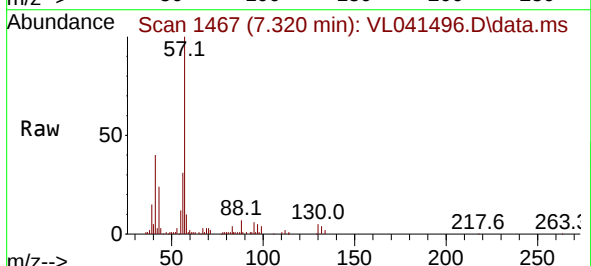
RT: 7.320 min Scan# 1467

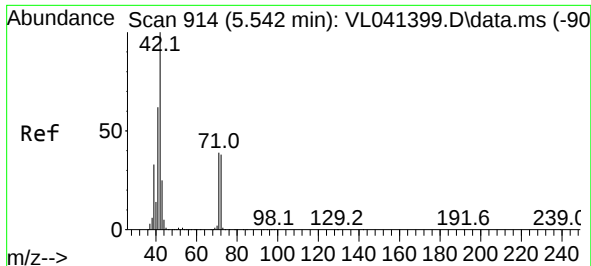
Delta R.T. 0.042 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

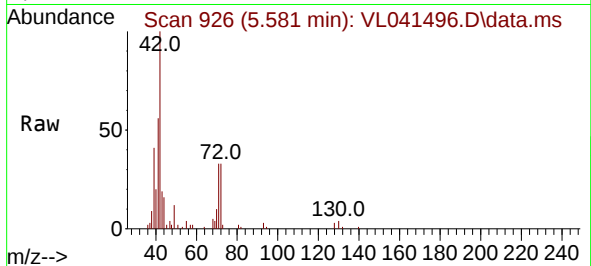
Tgt Ion:	88	Resp:	10652
Ion	Ratio	Lower	Upper
88	100		
58	0.0	95.8	143.6#
43	0.0	188.2	282.2#
57	0.0	813.6	1220.4#





#41
Tetrahydrofuran
Concen: 0.322 ppbv
RT: 5.581 min Scan# 914
Delta R.T. 0.029 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

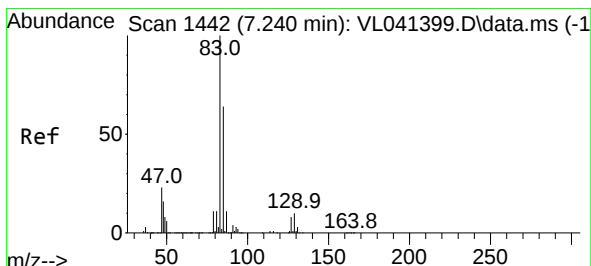
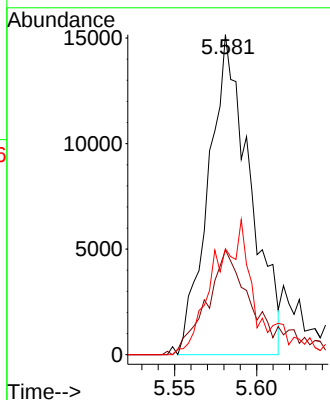
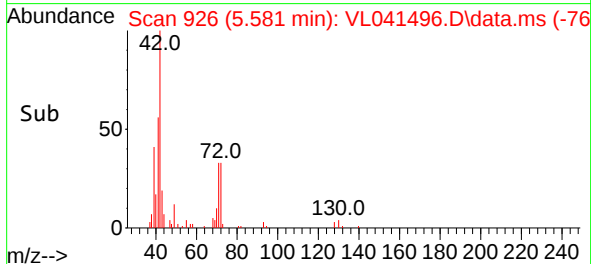
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 42 Resp: 26578
Ion Ratio Lower Upper
42 100
72 40.6 31.2 46.8
71 44.1 30.5 45.7

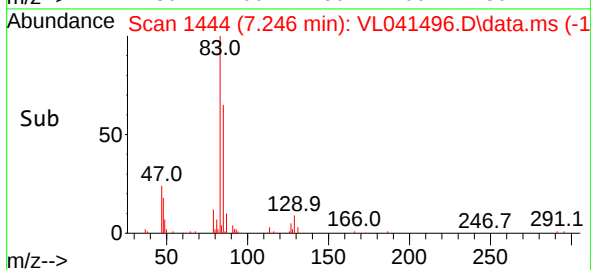
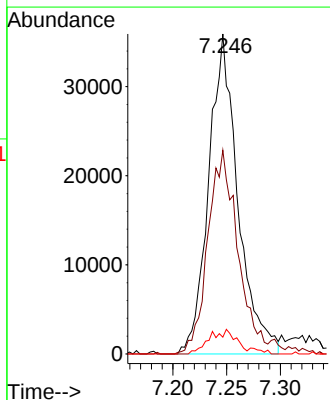
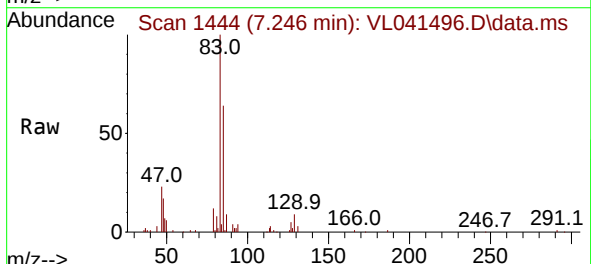
Manual Integrations
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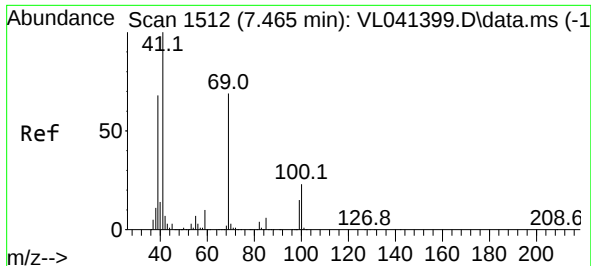
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
Bromodichloromethane
Concen: 0.386 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

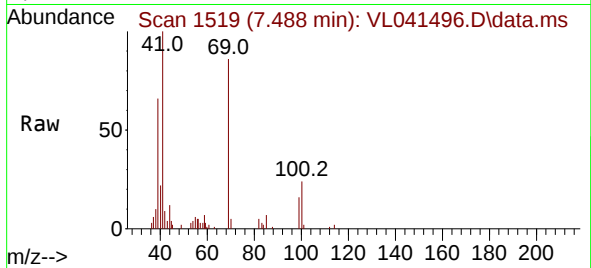
Tgt Ion: 83 Resp: 67982
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0
127 5.3 6.7 10.1#





#43
Methyl Methacrylate
Concen: 0.328 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.019 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

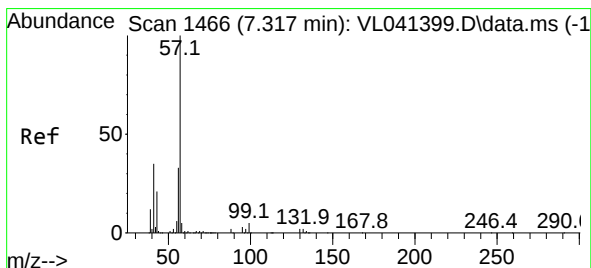
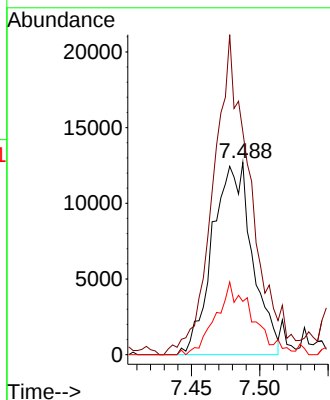
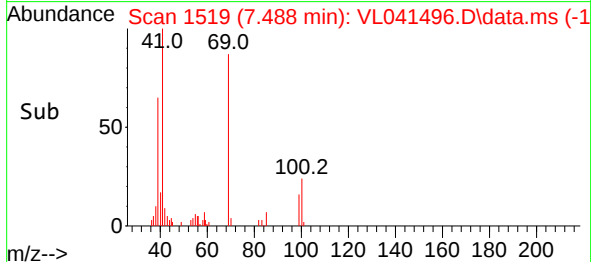
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



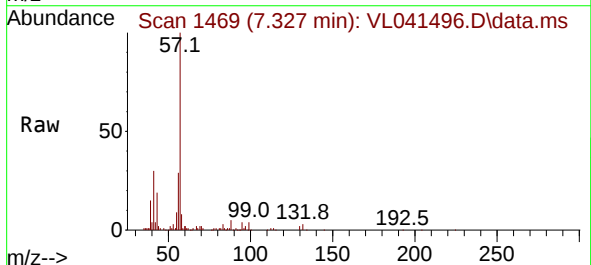
Tgt Ion: 69 Resp: 2563
Ion Ratio Lower Upper
69 100
41 160.9 118.7 178.1
100 36.0 27.0 40.4

Manual Integrations
APPROVED

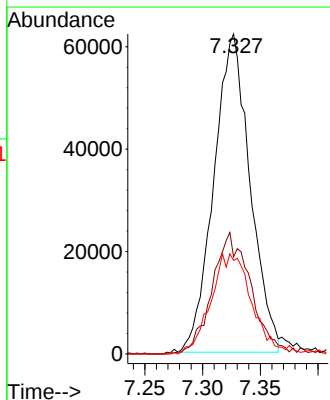
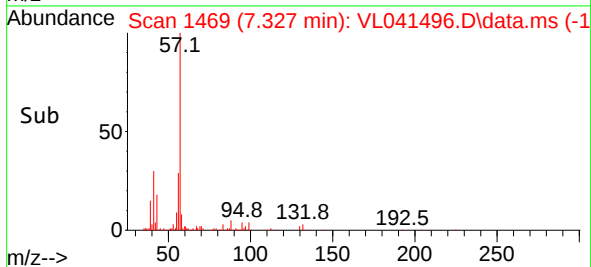
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

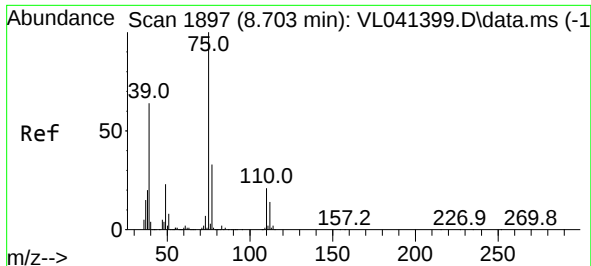


#44
2,2,4-Trimethylpentane
Concen: 0.374 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



Tgt Ion: 57 Resp: 135868
Ion Ratio Lower Upper
57 100
41 41.4 27.0 40.6#
56 35.9 25.2 37.8





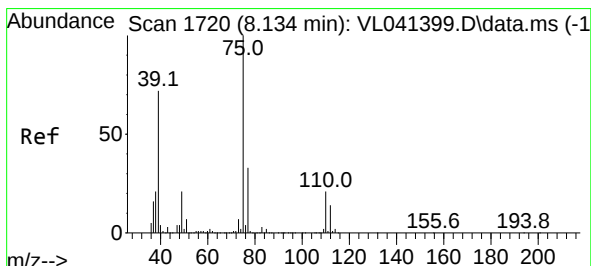
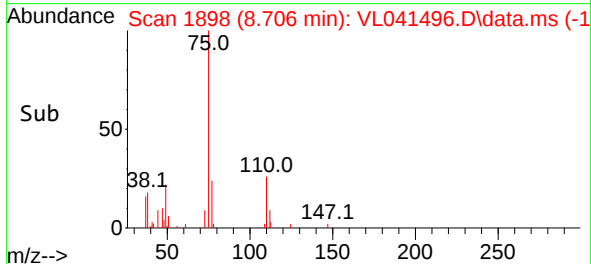
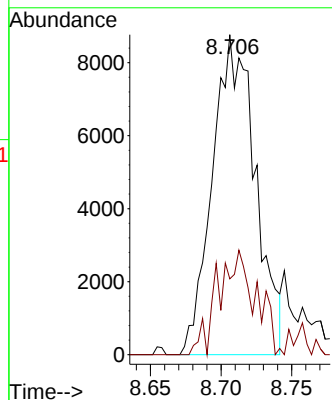
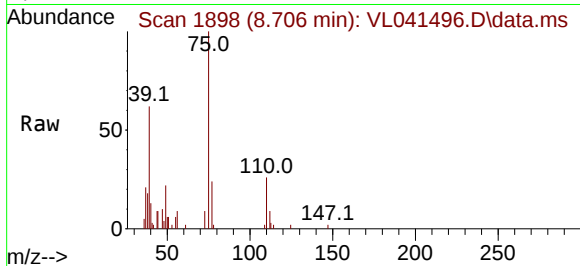
#45
t-1,3-Dichloropropene
Concen: 0.258 ppbv m
RT: 8.706 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 75 Resp: 1856
Ion Ratio Lower Upper
75 100
77 23.7 26.5 39.7

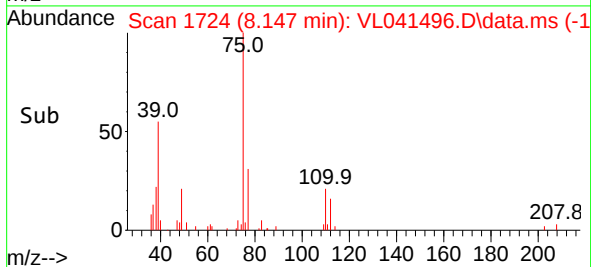
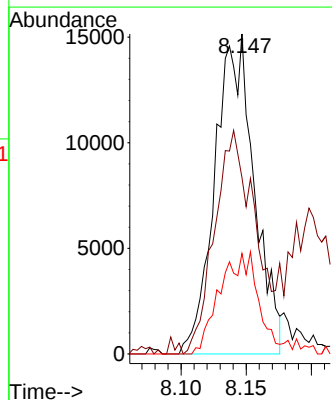
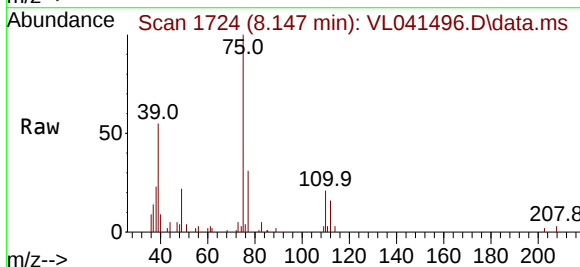
Manual Integrations
APPROVED

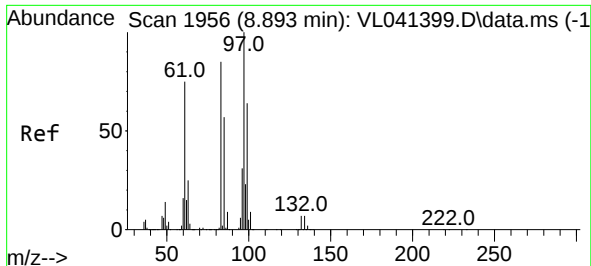
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 0.305 ppbv m
RT: 8.147 min Scan# 1724
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 75 Resp: 31686
Ion Ratio Lower Upper
75 100
39 55.1 57.3 85.9#
77 31.4 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.405 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 97 Resp: 3721

Ion Ratio Lower Upper

97 100

83 96.4 67.6 101.4

85 53.1 45.9 68.9

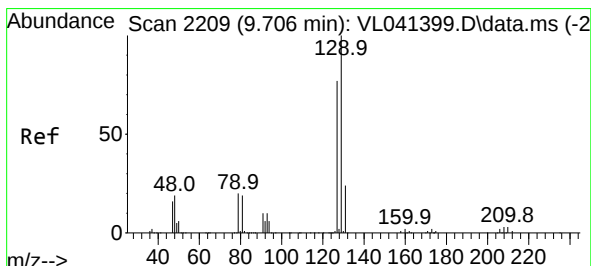
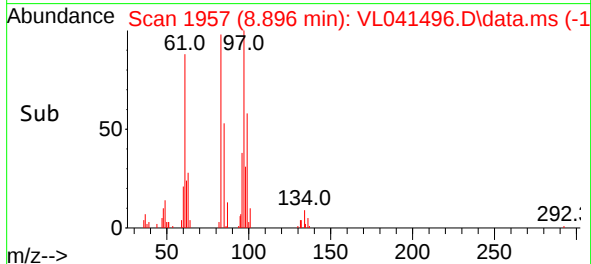
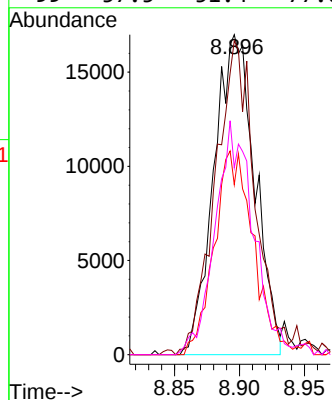
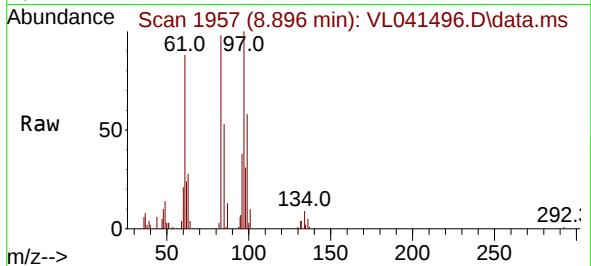
99 57.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#48

Dibromochloromethane

Concen: 0.352 ppbv m

RT: 9.700 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VL041496.D

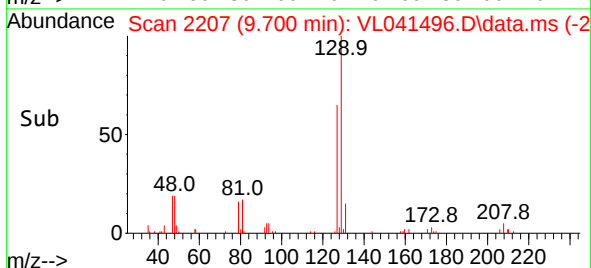
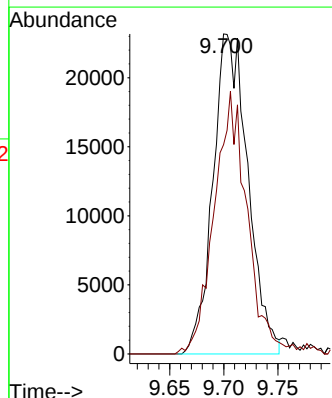
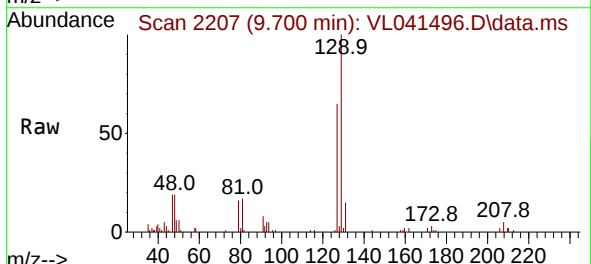
Acq: 5 Aug 2024 11:05

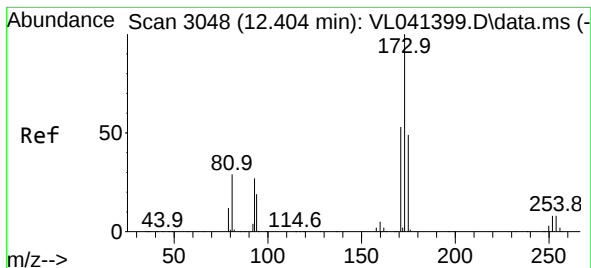
Tgt Ion:129 Resp: 52034

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.8





#49

Bromoform

Concen: 0.330 ppbv m

RT: 12.401 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

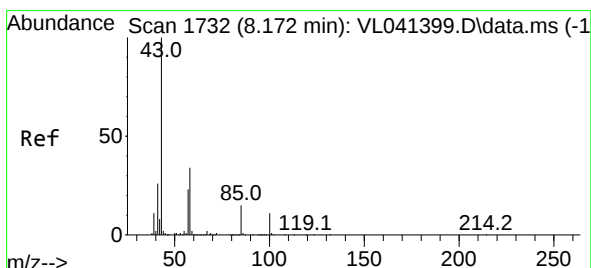
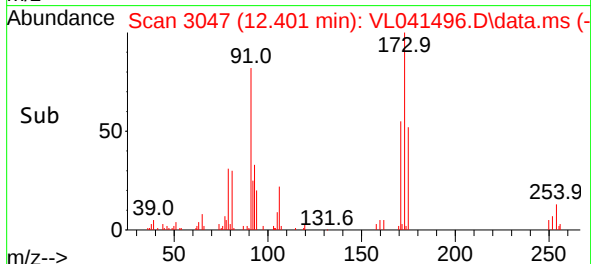
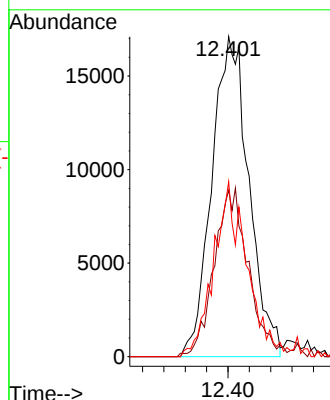
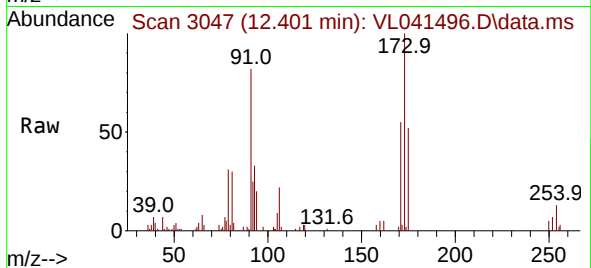
Tgt Ion:173 Resp: 4122

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.9	59.9
171	0.0	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#50

4-Methyl-2-Pentanone

Concen: 0.339 ppbv

RT: 8.198 min Scan# 1740

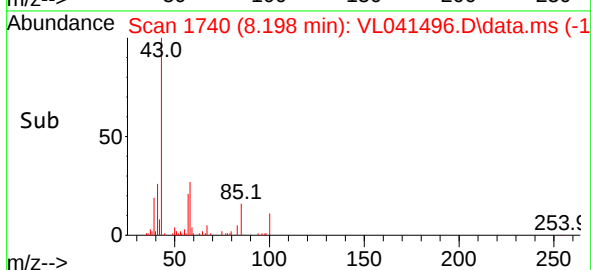
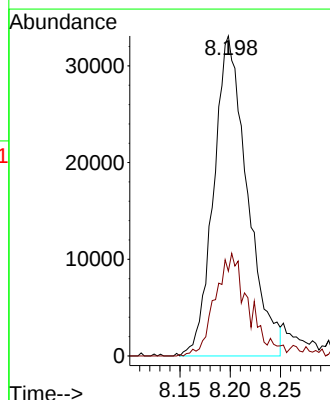
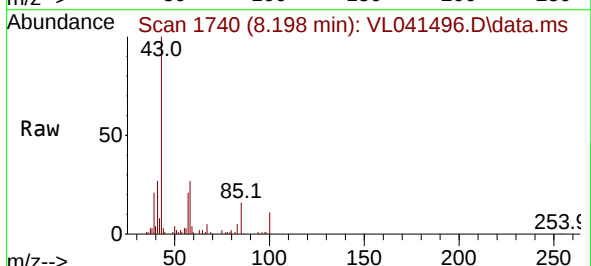
Delta R.T. 0.023 min

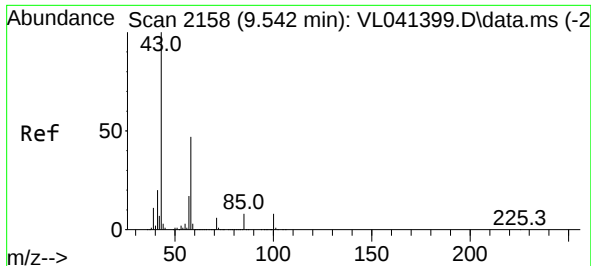
Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Tgt Ion: 43 Resp: 77159

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.9	41.9





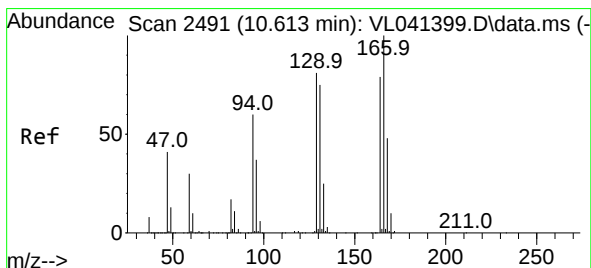
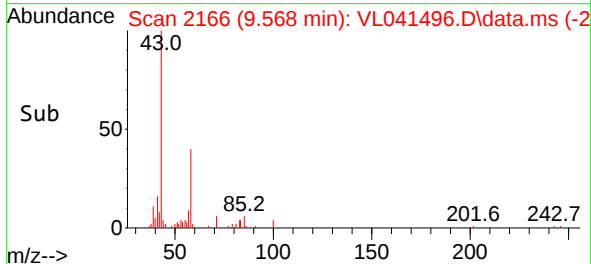
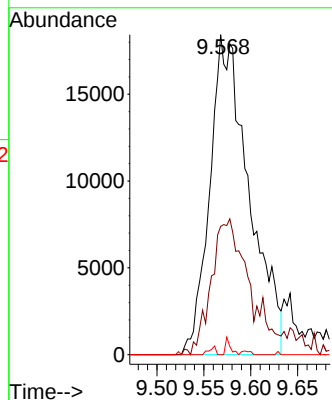
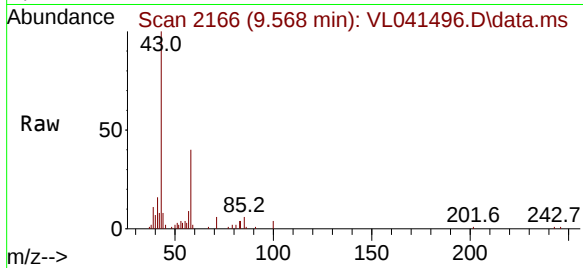
#51
2-Hexanone
Concen: 0.312 ppbv m
RT: 9.568 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 43 Resp: 53600
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2
98 0.1 0.3 0.5

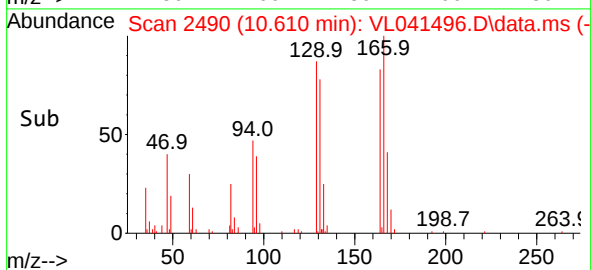
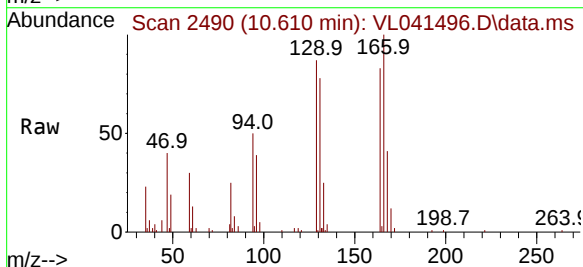
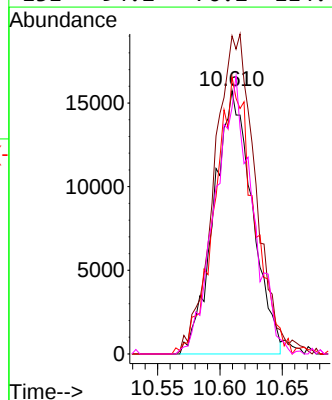
Manual Integrations
APPROVED

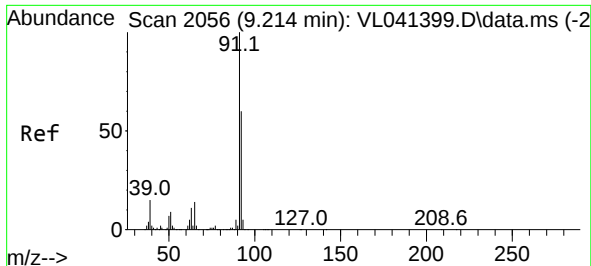
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#52
Tetrachloroethene
Concen: 0.400 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion:164 Resp: 33686
Ion Ratio Lower Upper
164 100
166 119.8 101.1 151.7
129 105.4 81.7 122.5
131 94.2 76.2 114.4





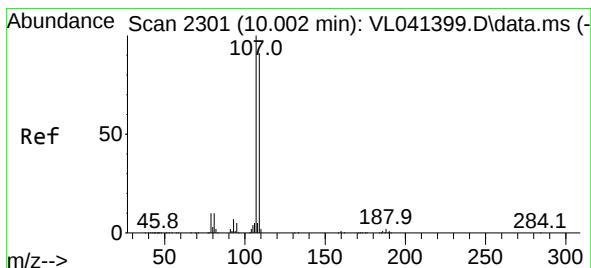
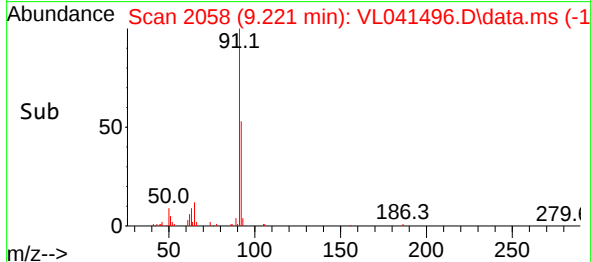
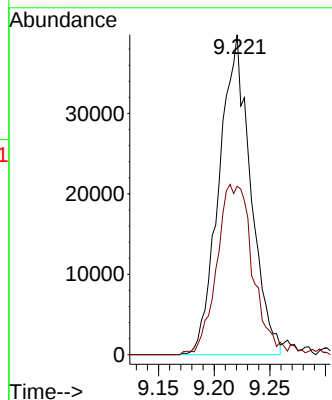
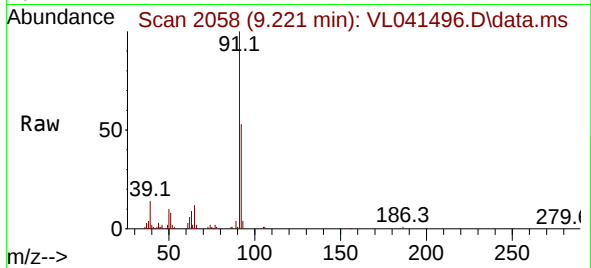
#53
Toluene
Concen: 0.323 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 91 Resp: 7841
Ion Ratio Lower Upper
91 100
92 62.4 48.7 73.1

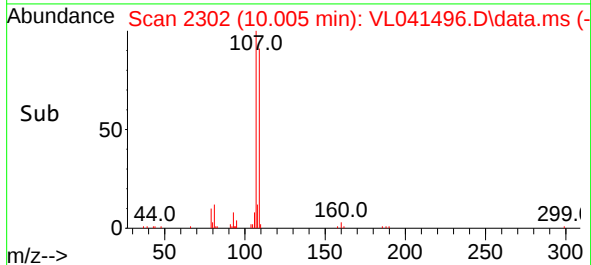
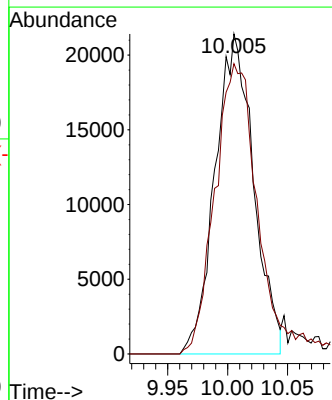
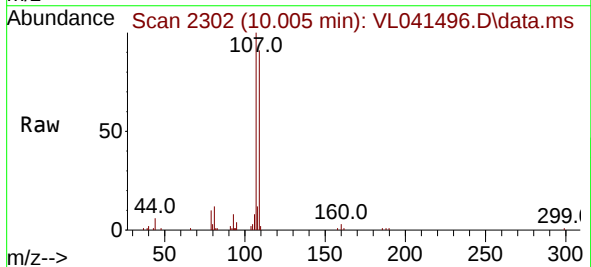
Manual Integrations
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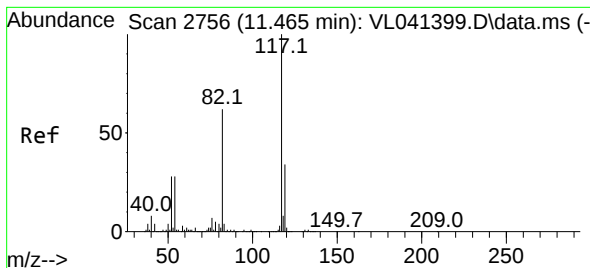
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#54
1,2-Dibromoethane
Concen: 0.390 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

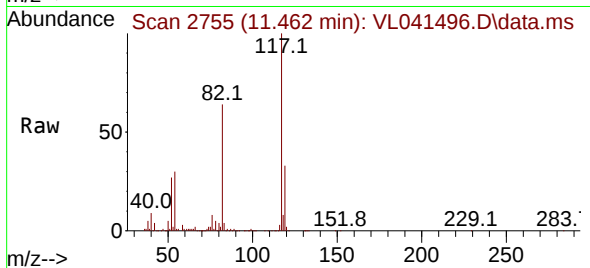
Tgt Ion:107 Resp: 47660
Ion Ratio Lower Upper
107 100
109 90.7 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

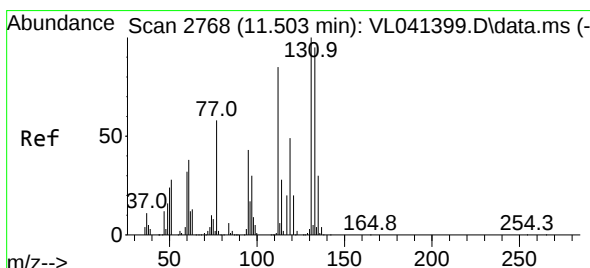
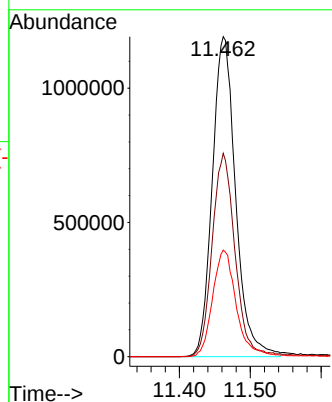
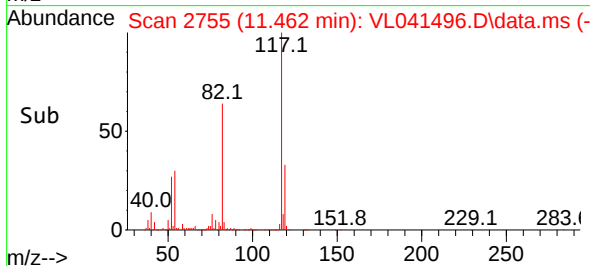
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



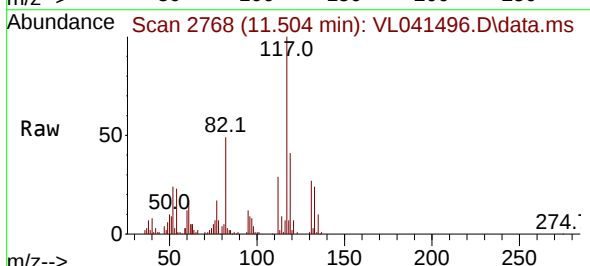
Tgt Ion:117 Resp: 2727370
Ion Ratio Lower Upper
117 100
82 63.4 51.0 76.6
119 33.9 45.2 67.8

Manual Integrations
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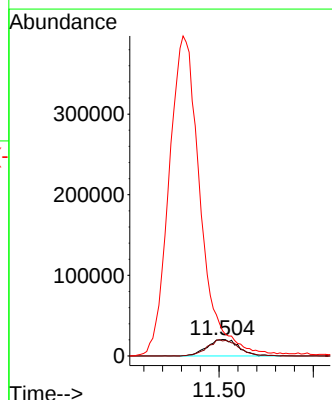
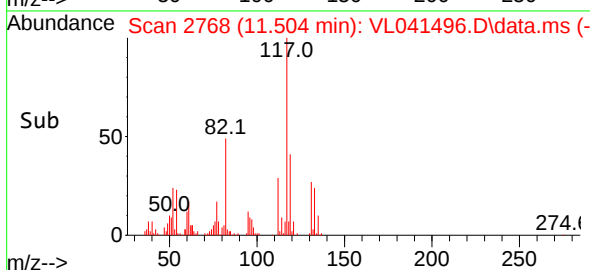
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

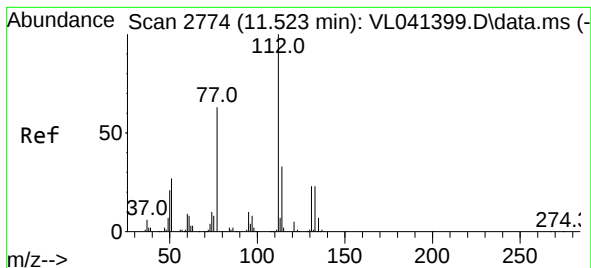


#56
1,1,1,2-Tetrachloroethane
Concen: 0.452 ppbv m
RT: 11.504 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



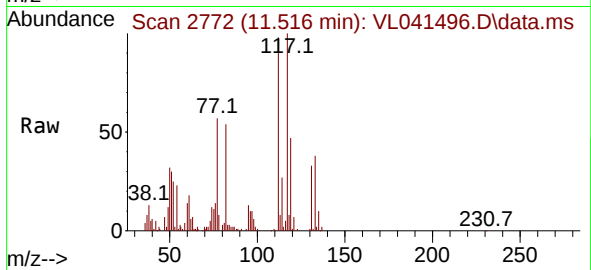
Tgt Ion:131 Resp: 47813
Ion Ratio Lower Upper
131 100
133 0.0 77.0 115.4#
119 0.0 121.5 182.3#





#57
Chlorobenzene
Concen: 0.442 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

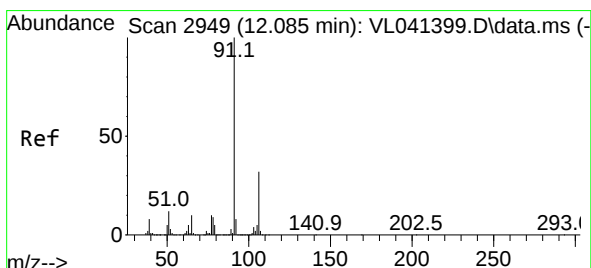
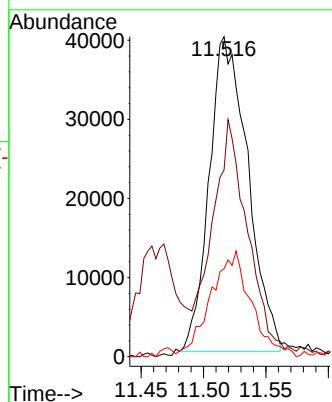
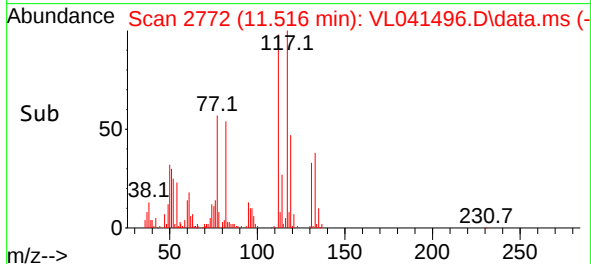
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



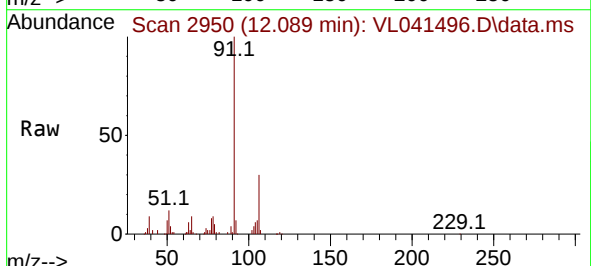
Tgt Ion:112 Resp: 85828
Ion Ratio Lower Upper
112 100
77 54.4 51.1 76.7
114 28.2 29.5 36.1

Manual Integrations
APPROVED

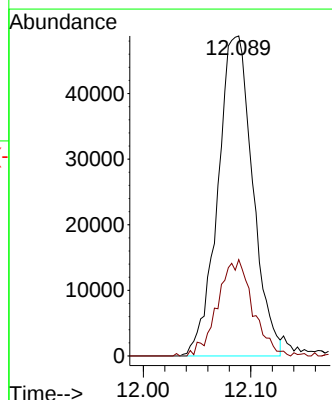
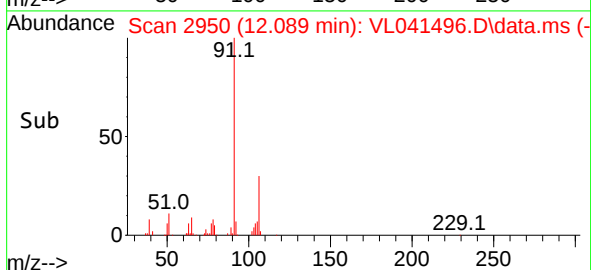
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

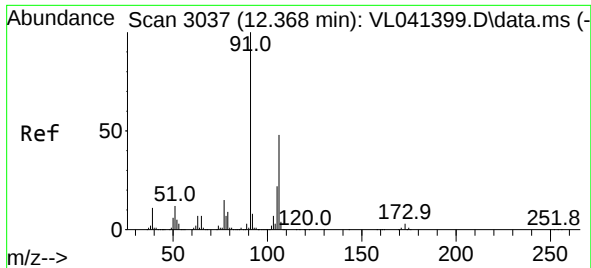


#58
Ethyl Benzene
Concen: 0.350 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



Tgt Ion: 91 Resp: 110006
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8





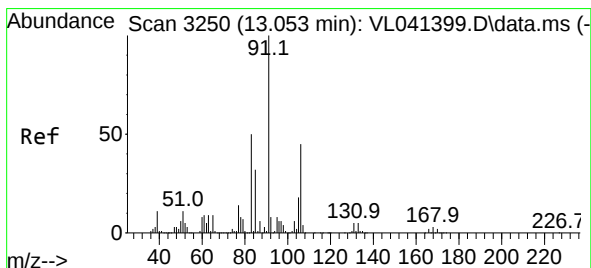
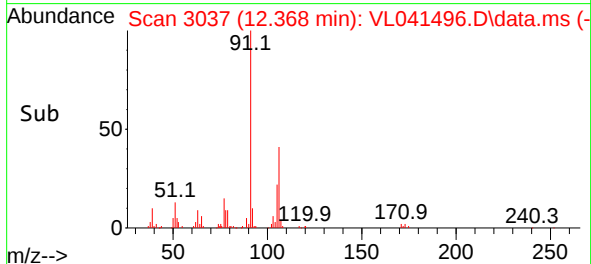
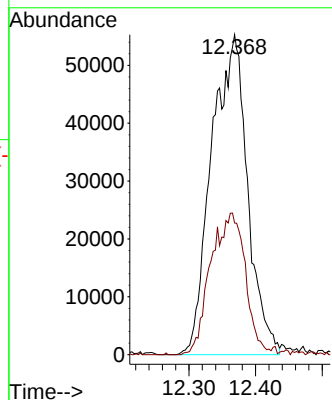
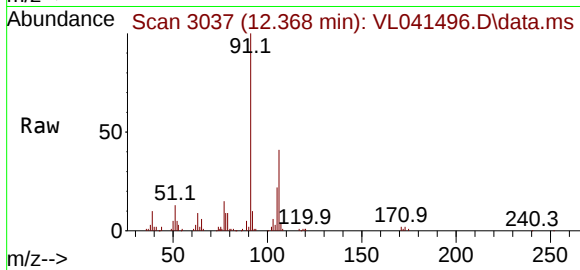
#59
m/p-Xylene
Concen: 0.764 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 91 Resp: 20724
Ion Ratio Lower Upper
91 100
106 43.3 36.3 54.5

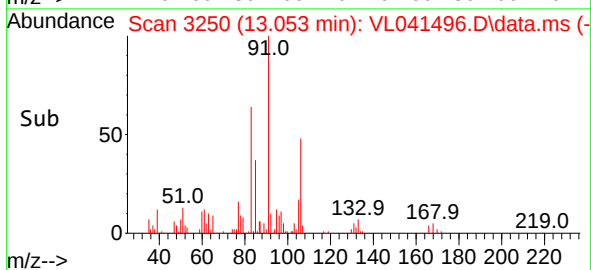
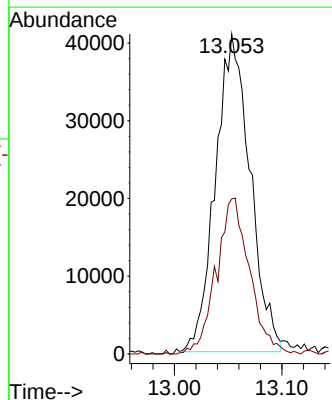
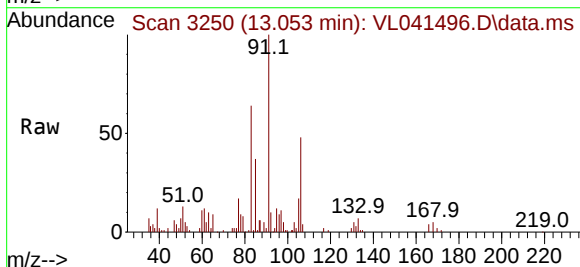
Manual Integrations
APPROVED

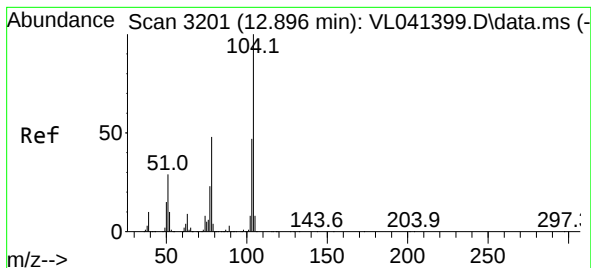
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 0.356 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 91 Resp: 91506
Ion Ratio Lower Upper
91 100
106 48.0 23.1 69.3





#61

Styrene

Concen: 0.283 ppbv m

RT: 12.889 min Scan# 3199

Delta R.T. -0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

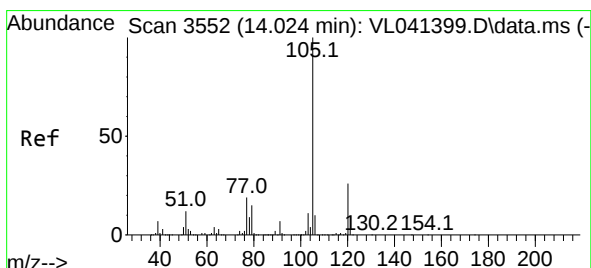
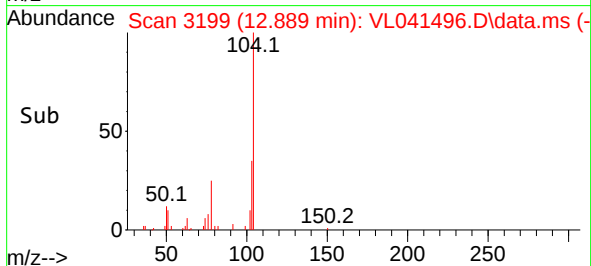
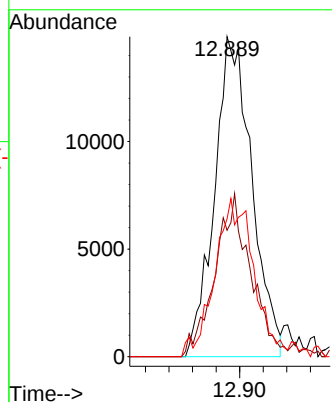
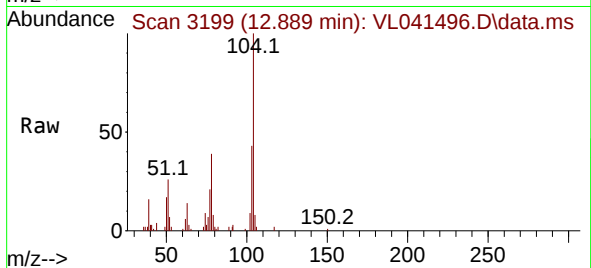
MDL-AIR-03-QT3-2024

Tgt Ion:	104	Resp:	32720
Ion Ratio	Lower	Upper	
104	100		
78	50.2	40.8	61.2
103	52.6	38.2	57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#62

Isopropylbenzene

Concen: 0.396 ppbv m

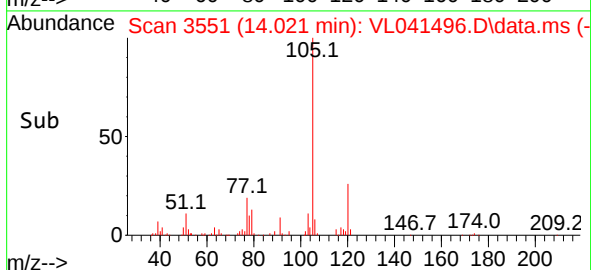
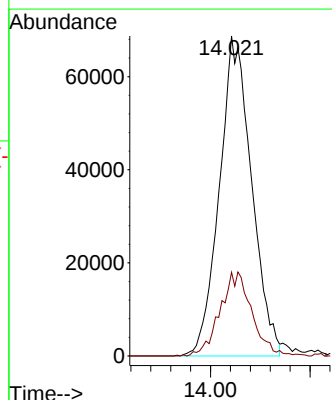
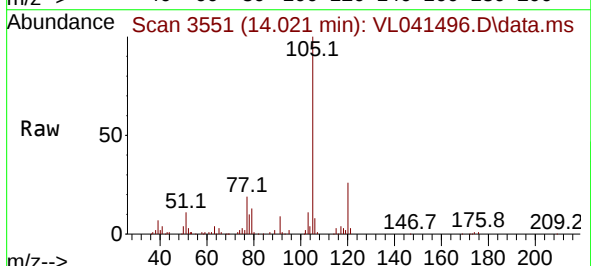
RT: 14.021 min Scan# 3551

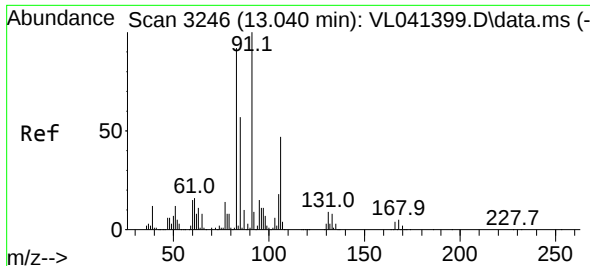
Delta R.T. 0.000 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

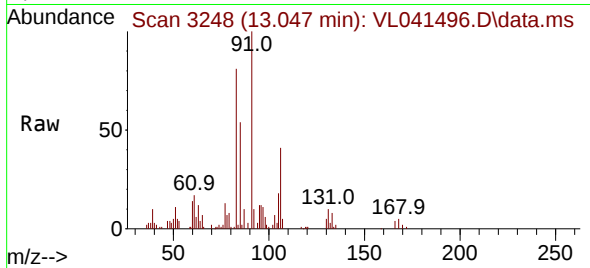
Tgt Ion:	105	Resp:	154409
Ion Ratio	Lower	Upper	
105	100		
120	0.0	21.0	31.4#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.460 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

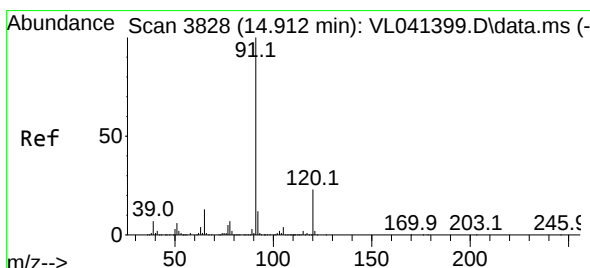
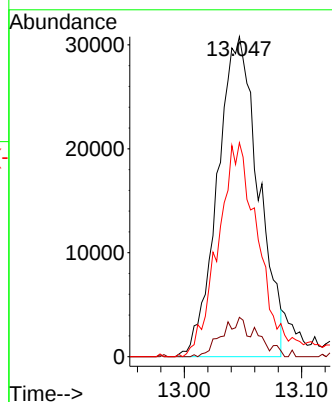
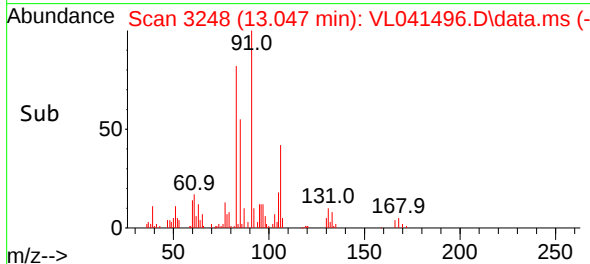
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



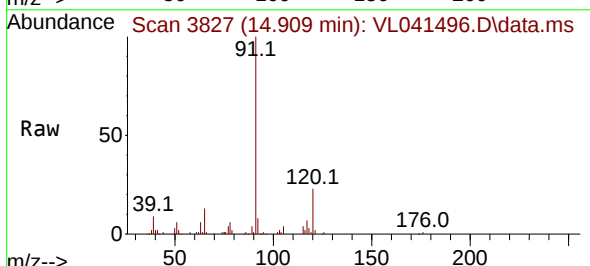
Tgt Ion: 83 Resp: 74589
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 69.1 32.6 98.0

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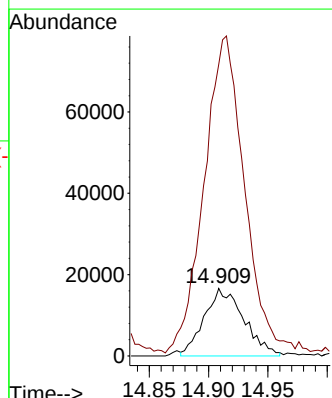
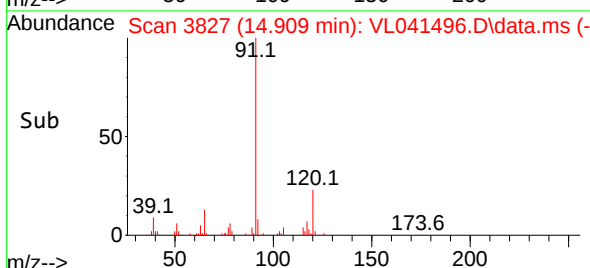
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

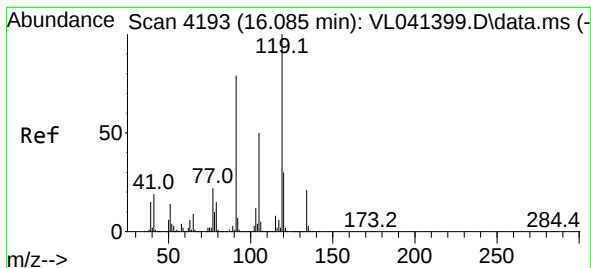


#64
n-propylbenzene
Concen: 0.377 ppbv m
RT: 14.909 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



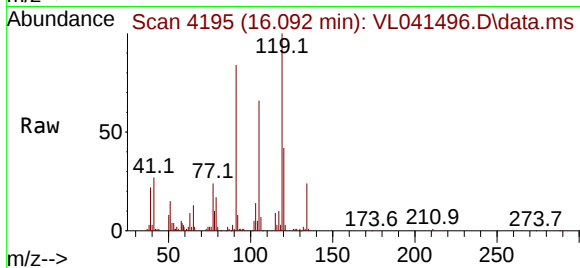
Tgt Ion:120 Resp: 38424
Ion Ratio Lower Upper
120 100
91 0.0 361.4 542.0#





#65
tert-Butylbenzene
Concen: 0.372 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.010 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

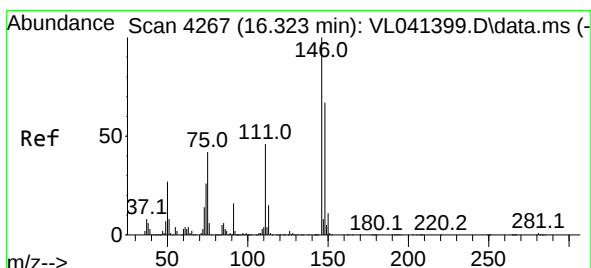
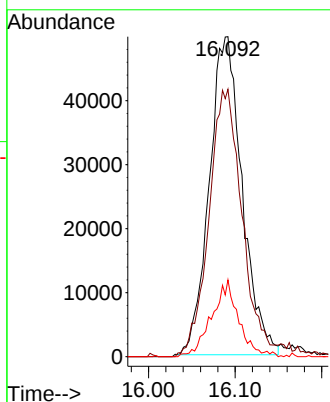
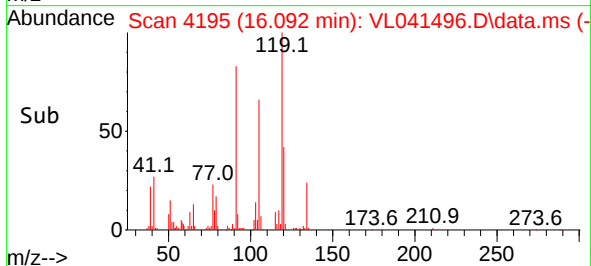
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 119 Resp: 131089
Ion Ratio Lower Upper
119 100
91 88.0 64.2 96.2
134 19.9 15.7 23.5

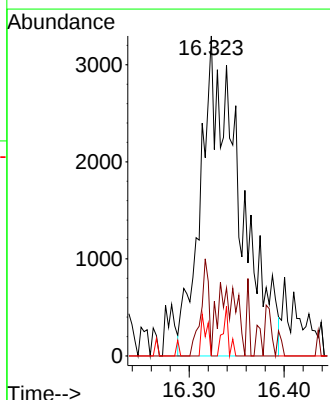
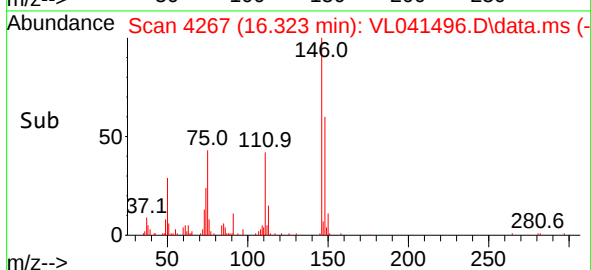
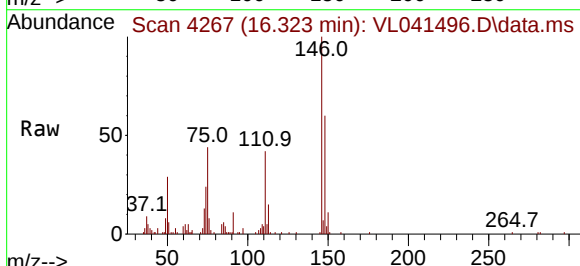
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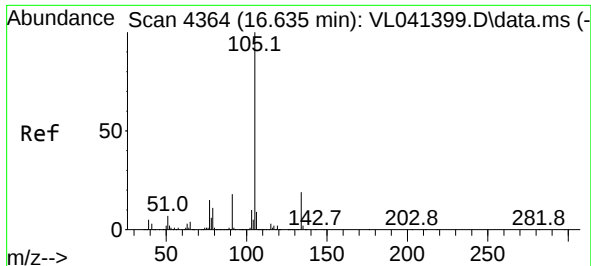
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#66
Benzyl Chloride
Concen: 0.410 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion: 91 Resp: 9275
Ion Ratio Lower Upper
91 100
126 0.7 13.8 20.8#
128 9.3 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.381 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 184979

Ion Ratio Lower Upper

105 100

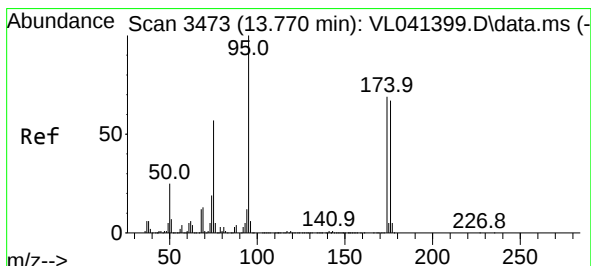
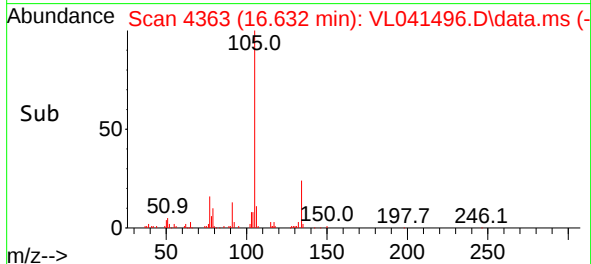
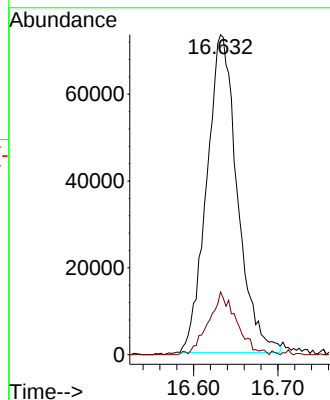
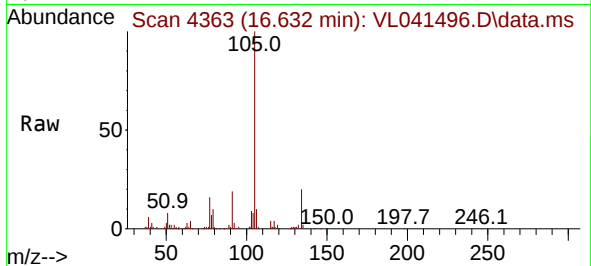
134 18.3 14.5 21.7

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.169 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

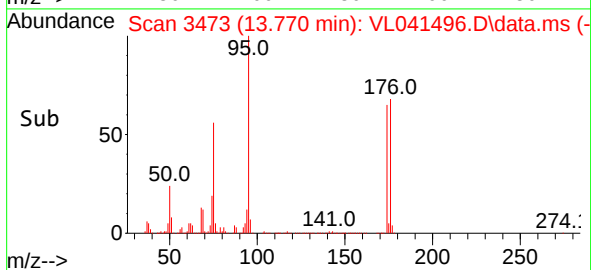
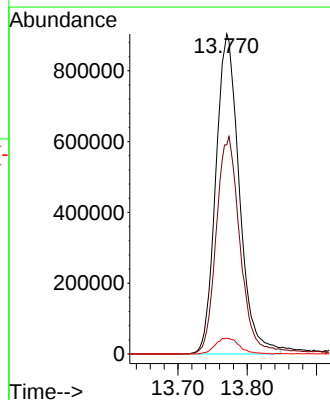
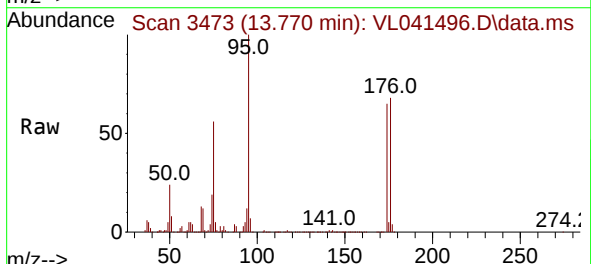
Tgt Ion: 95 Resp: 2134379

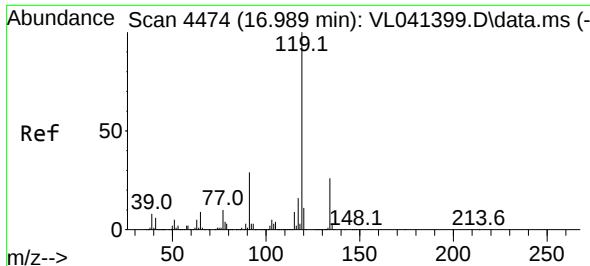
Ion Ratio Lower Upper

95 100

174 70.7 56.3 84.5

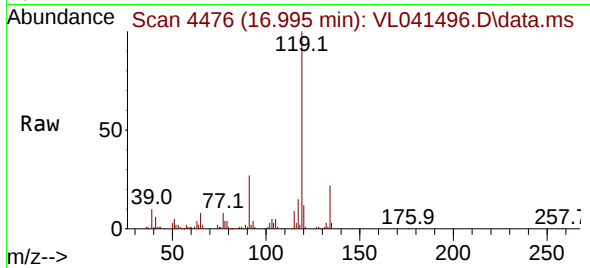
175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.350 ppbv m
RT: 16.995 min Scan# 4476
Delta R.T. 0.007 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

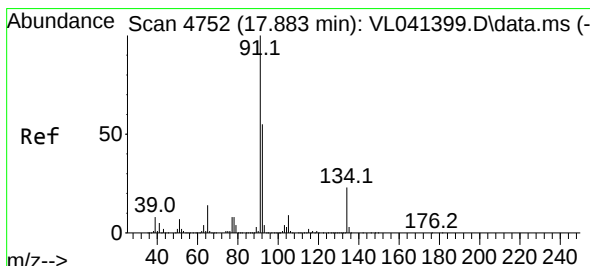
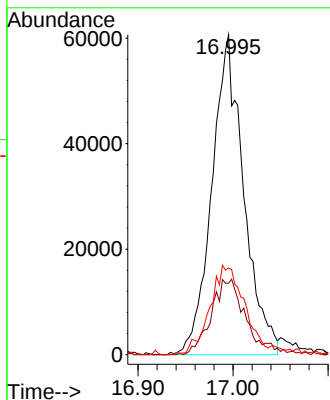
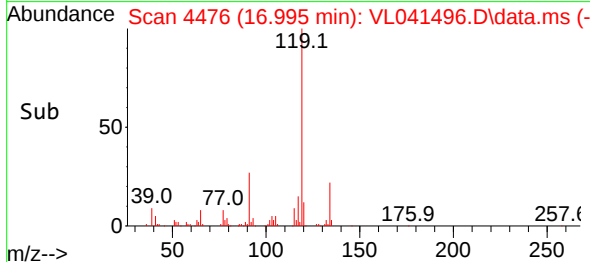
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



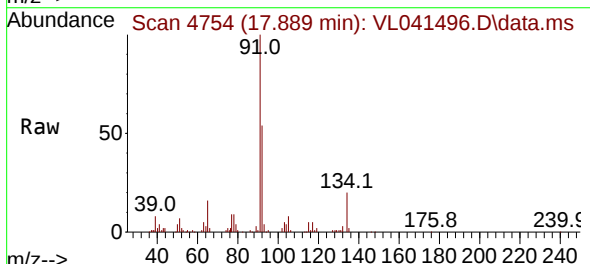
Tgt Ion: 119 Resp: 140993
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 32.6 23.2 34.8

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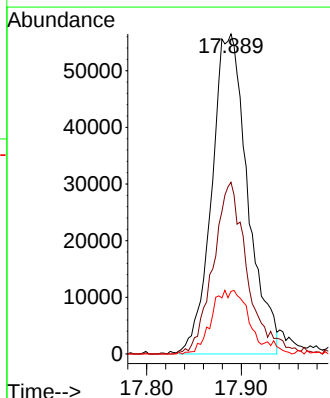
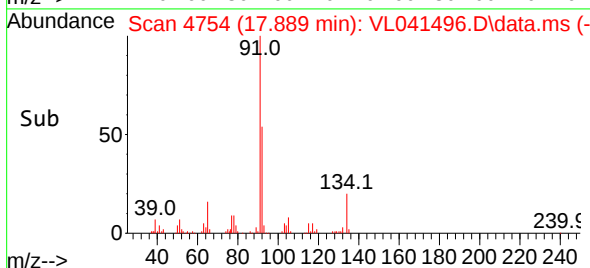
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

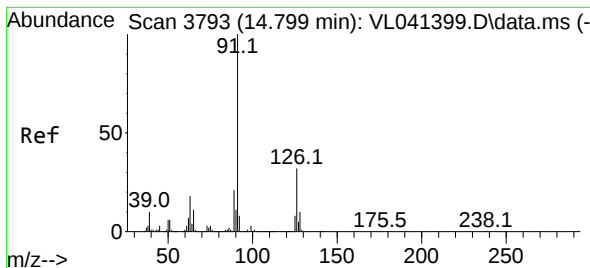


#70
n-Butylbenzene
Concen: 0.359 ppbv m
RT: 17.889 min Scan# 4754
Delta R.T. 0.010 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



Tgt Ion: 91 Resp: 148388
Ion Ratio Lower Upper
91 100
92 0.0 43.2 64.8
134 22.0 18.5 27.7





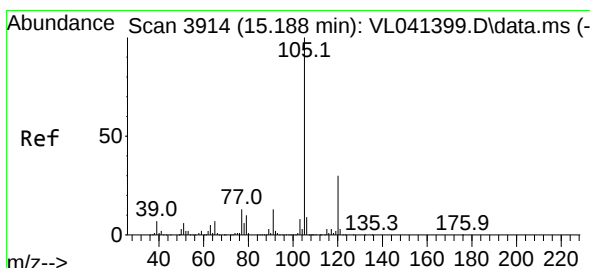
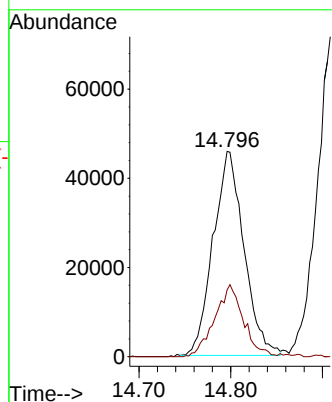
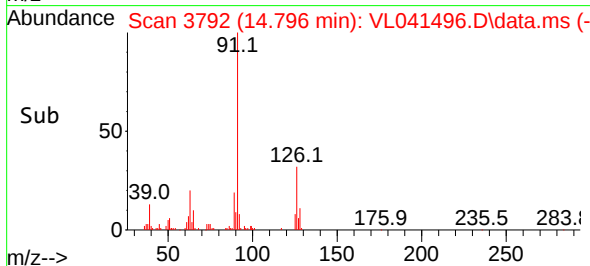
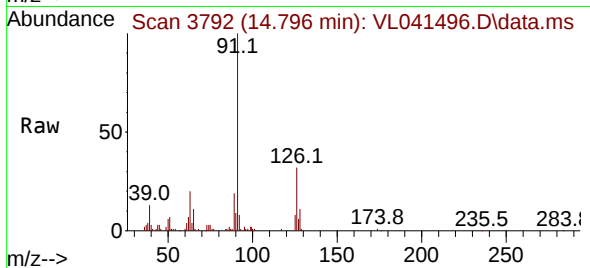
#71
2-Chlorotoluene
Concen: 0.371 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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

Tgt Ion: 91 Resp: 10676
Ion Ratio Lower Upper
91 100
126 33.7 12.7 50.9

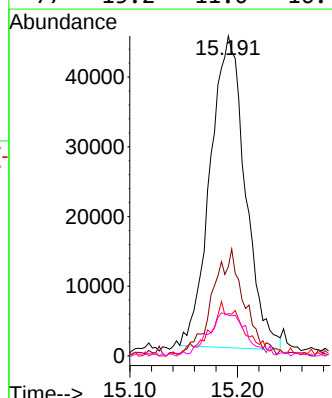
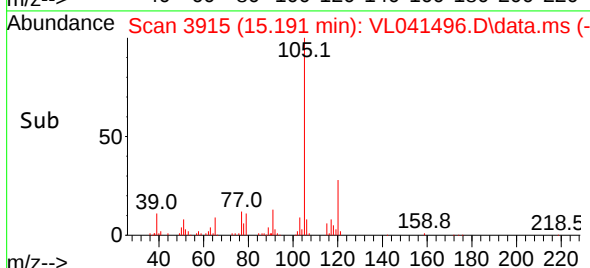
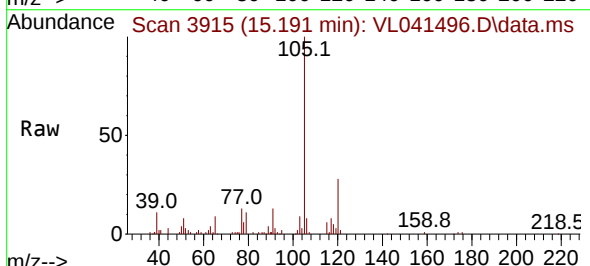
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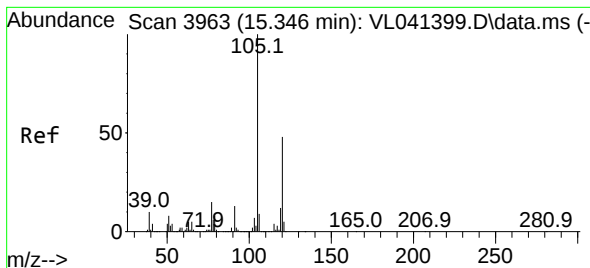
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 0.335 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

Tgt Ion:105 Resp: 101203
Ion Ratio Lower Upper
105 100
120 32.6 24.2 36.2
91 17.3 10.4 15.6#
77 15.2 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 0.348 ppbv

RT: 15.349 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 9070

Ion Ratio Lower Upper

105 100

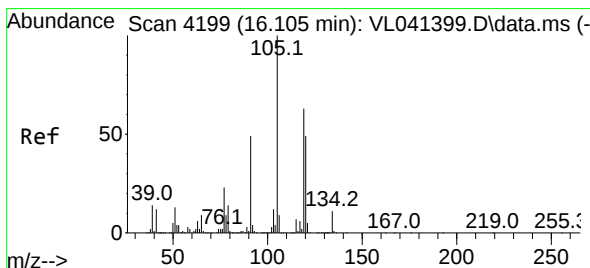
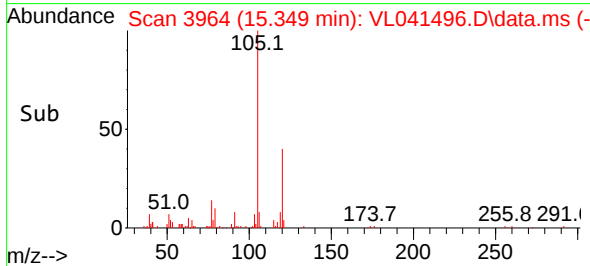
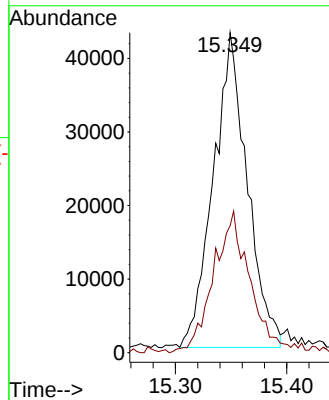
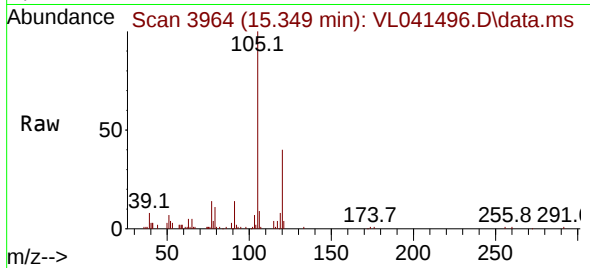
120 39.1 38.6 57.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.400 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Tgt Ion:105 Resp: 120984

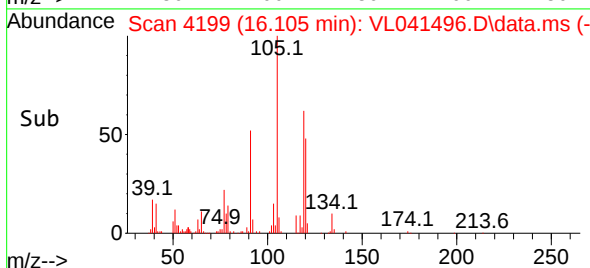
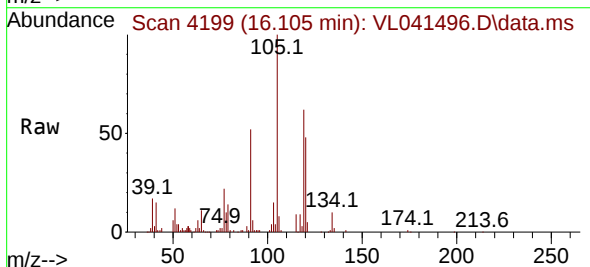
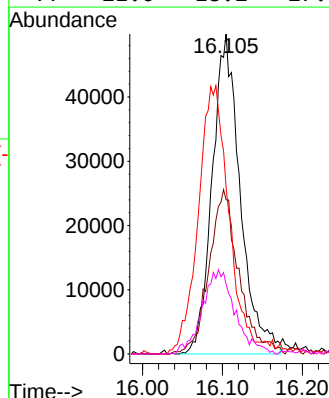
Ion Ratio Lower Upper

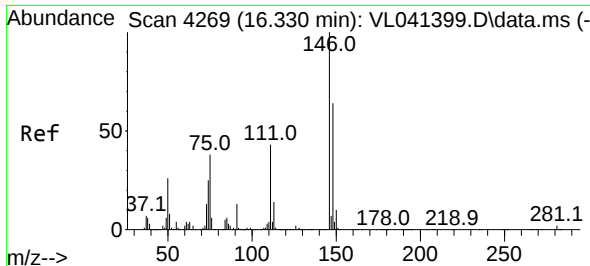
105 100

120 47.4 39.5 59.3

91 48.7 39.8 59.8

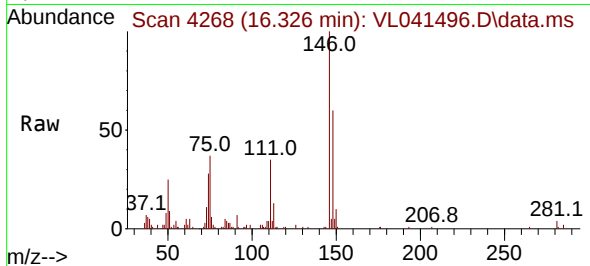
77 21.0 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 0.403 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

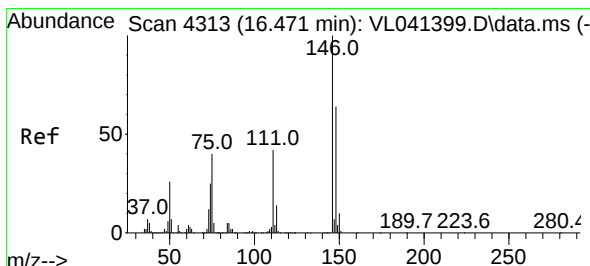
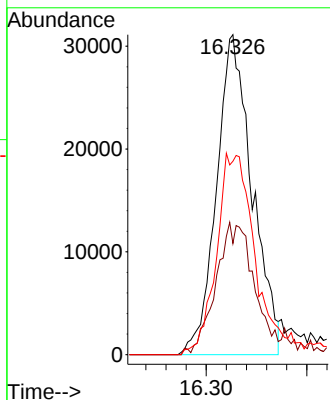
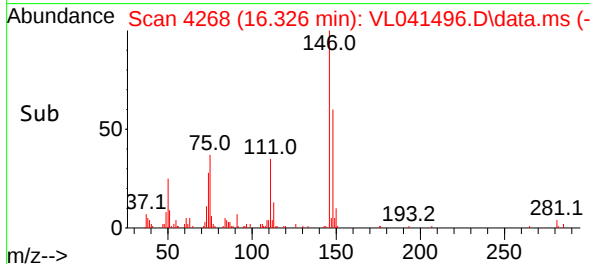
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



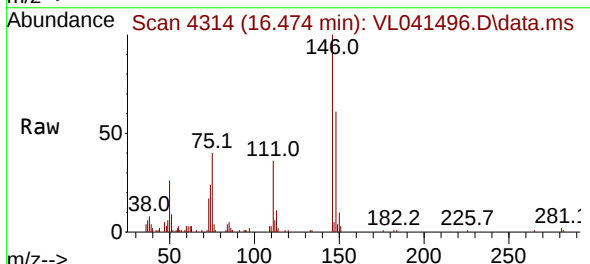
Tgt Ion:146 Resp: 76620
Ion Ratio Lower Upper
146 100
111 48.2 22.6 67.8
148 68.4 32.3 96.8

Manual Integrations
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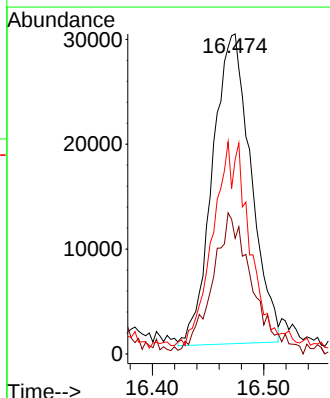
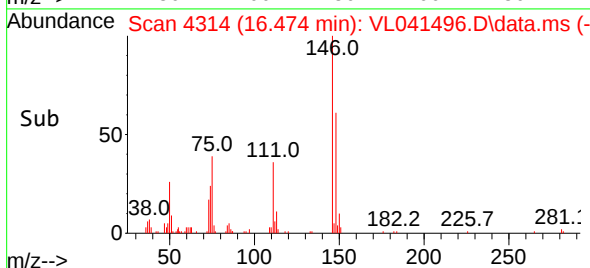
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

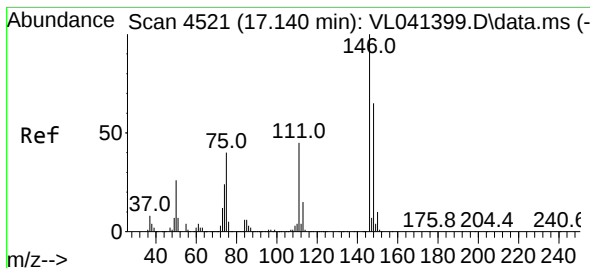


#76
1,4-Dichlorobenzene
Concen: 0.385 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.010 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05



Tgt Ion:146 Resp: 70868
Ion Ratio Lower Upper
146 100
111 49.6 22.4 67.0
148 72.8 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.396 ppbv

RT: 17.140 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

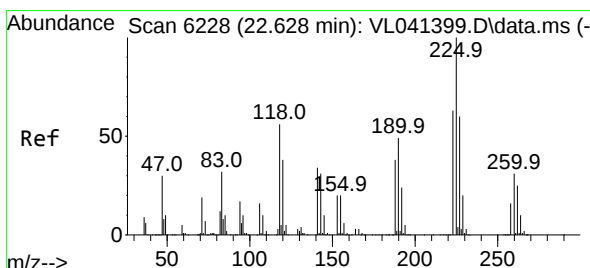
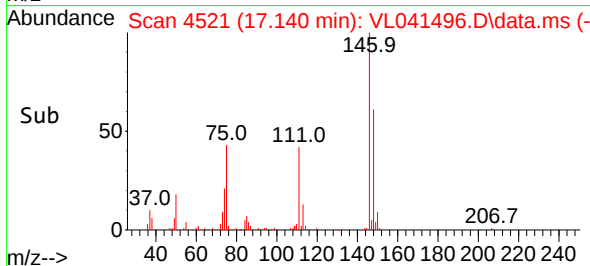
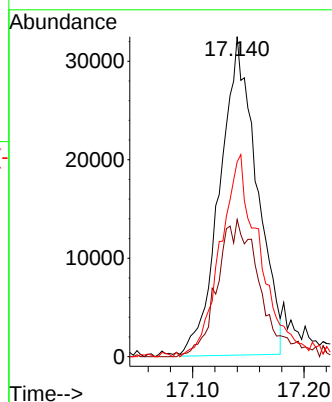
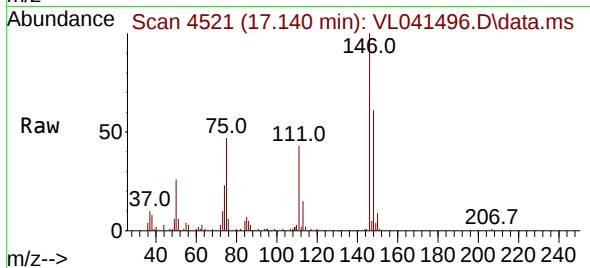
MDL-AIR-03-QT3-2024

Tgt Ion:146	Resp:	74674
Ion Ratio	Lower	Upper
146	100	
111	51.0	23.4 70.0
148	69.6	32.2 96.6

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Supervised By :Mahesh Dadoda 08/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.467 ppbv

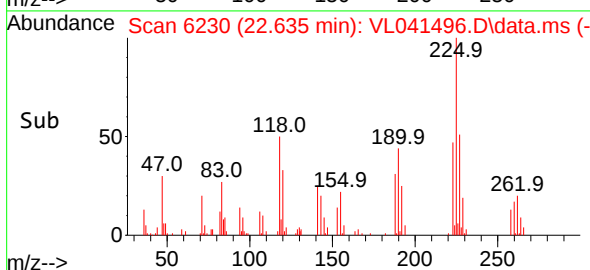
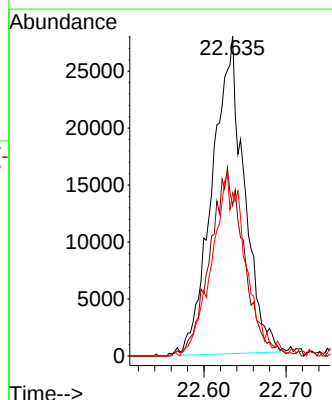
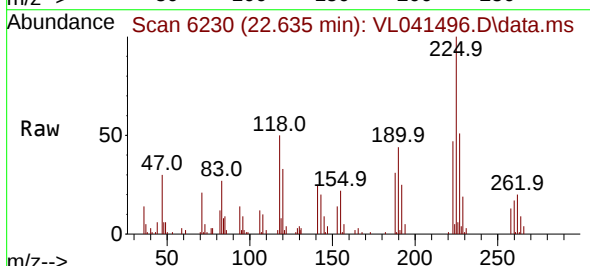
RT: 22.635 min Scan# 6230

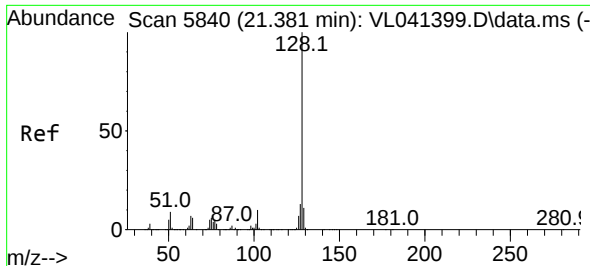
Delta R.T. 0.013 min

Lab File: VL041496.D

Acq: 5 Aug 2024 11:05

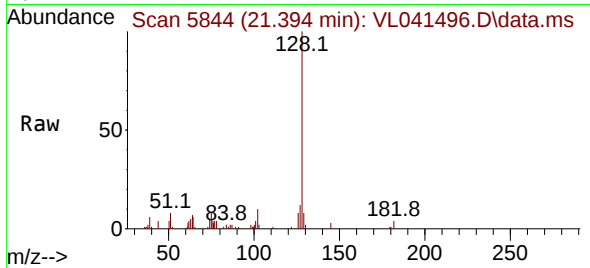
Tgt Ion:225	Resp:	75145
Ion Ratio	Lower	Upper
225	100	
223	63.9	50.6 76.0
227	61.9	50.8 76.2





#79
Naphthalene
Concen: 0.274 ppbv m
RT: 21.394 min Scan# 5844
Delta R.T. 0.023 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

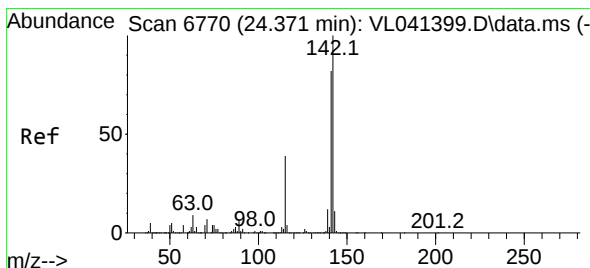
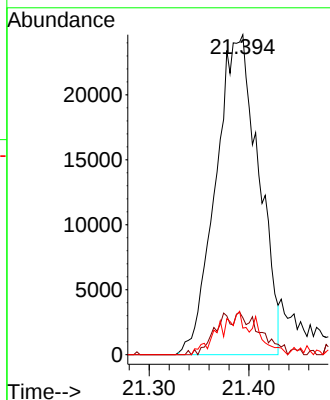
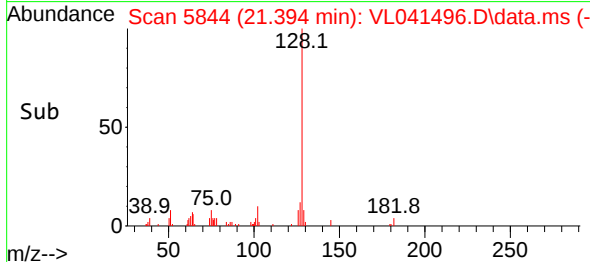
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:128 Resp: 73250
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 8.3 9.0 13.4

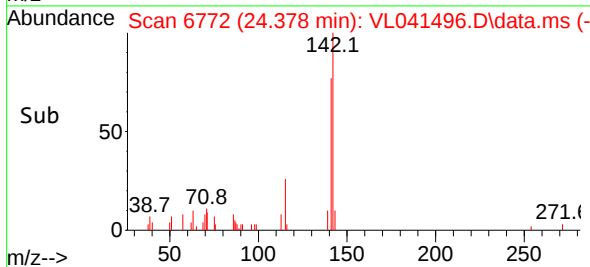
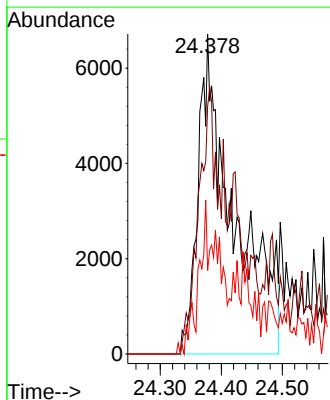
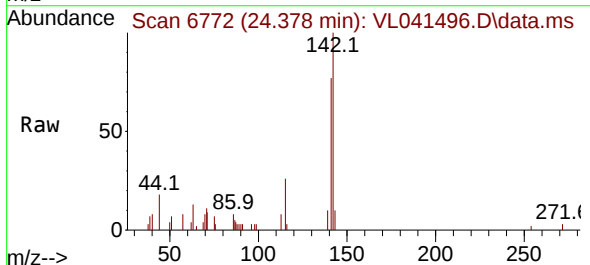
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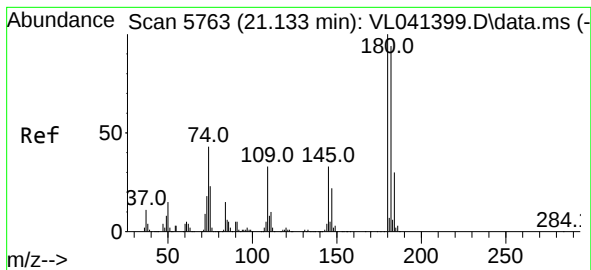
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#80
Naphthalene,2-methyl-
Concen: 0.121 ppbv m
RT: 24.378 min Scan# 6772
Delta R.T. 0.016 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

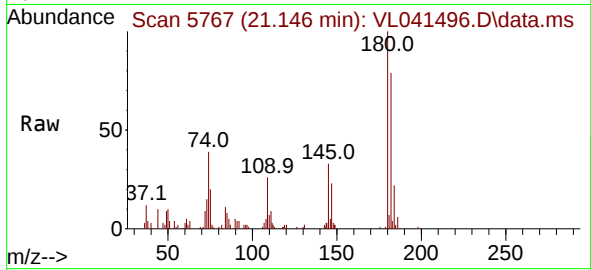
Tgt Ion:142 Resp: 27070
Ion Ratio Lower Upper
142 100
141 77.5 67.0 100.4
115 32.6 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 0.328 ppbv m
RT: 21.146 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL041496.D
Acq: 5 Aug 2024 11:05

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



Tgt Ion:180 Resp: 52150
Ion Ratio Lower Upper
180 100
182 0.0 76.7 115.1
184 0.0 24.5 36.7

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Supervised By :Mahesh Dadoda 08/09/2024

