

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041459.D
 Acq On : 31 Jul 2024 12:14
 Operator : SY/MD
 Sample : P3390-13 0.40 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Quant Time: Aug 01 03:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 03:54:22 2024
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	977309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2715595	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2521211	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1956162	10.082	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	86423	0.514	ppbv	92
3) Chlorodifluoromethane	2.677	51	52077	0.448	ppbv	99
4) Chloromethane	2.819	50	28646	0.463	ppbv	97
5) Vinyl Chloride	2.928	62	25801	0.423	ppbv #	86
6) Bromomethane	3.124	94	13815m	0.441	ppbv	
7) Chloroethane	3.202	64	10137	0.482	ppbv #	81
8) Dichlorotetrafluoroethane	2.861	85	67883	0.456	ppbv	100
9) Propene	2.700	41	21108	0.395	ppbv	87
10) Heptane	7.578	43	40584m	0.338	ppbv	
11) Trichlorofluoromethane	3.568	101	64250	0.430	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	46801	0.435	ppbv	96
13) Ethanol	3.256	45	1847m	0.387	ppbv	
14) Bromoethene	3.372	108	15678	0.374	ppbv #	90
15) Acetone	3.488	43	54386	0.490	ppbv	98
16) 1,3-Butadiene	2.989	39	19947	0.336	ppbv #	79
17) tert-Butyl alcohol	3.896	59	39520	0.390	ppbv #	91
18) 1,1-Dichloroethene	3.890	96	18611m	0.405	ppbv	
19) Isopropyl Alcohol	3.597	45	21645	0.333	ppbv #	83
20) Methylene Chloride	3.935	84	21661	0.523	ppbv #	90
21) Allyl Chloride	4.002	41	27116	0.372	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	17491	0.380	ppbv	99
23) Vinyl Acetate	4.639	43	31825m	0.375	ppbv	
24) 1,1-Dichloroethane	4.565	63	42270	0.423	ppbv	96
25) Ethyl Acetate	5.214	43	82786	0.375	ppbv	98
26) Hexane	5.214	57	32642m	0.357	ppbv	
27) Carbon Disulfide	4.131	76	29307	0.274	ppbv #	62
28) Methyl tert-Butyl Ether	4.600	73	20509	0.355	ppbv #	85
29) Chloroform	5.275	83	65829	0.441	ppbv	97
30) Cyclohexane	6.600	84	23958m	0.321	ppbv	
31) cis-1,2-Dichloroethene	5.083	61	33592	0.372	ppbv	97
32) 1,1,1-Trichloroethane	6.002	97	56280	0.387	ppbv	97
34) 2-Butanone	4.806	43	47319	0.360	ppbv	95
35) Carbon Tetrachloride	6.500	117	55493	0.370	ppbv	88
36) Benzene	6.375	78	72002	0.363	ppbv	98
37) 1,2-Dichloroethane	5.809	62	45935	0.414	ppbv #	96
38) Trichloroethene	7.291	130	32185	0.354	ppbv	90
39) 1,2-Dichloropropane	7.073	63	31473	0.414	ppbv	90
40) 1,4-Dioxane	7.330	88	8751m	0.287	ppbv	
41) Tetrahydrofuran	5.587	42	22694m	0.302	ppbv	
42) Bromodichloromethane	7.253	83	57456	0.358	ppbv	92
43) Methyl Methacrylate	7.484	69	22395m	0.315	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	116805	0.352	ppbv #	87
45) t-1,3-Dichloropropene	8.716	75	14653m	0.224	ppbv	

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Quant Time: Aug 01 03:54:22 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 : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	26451m	0.280	ppbv	
47) 1,1,2-Trichloroethane	8.902	97	33433	0.399	ppbv	90
48) Dibromochloromethane	9.713	129	41803m	0.310	ppbv	
49) Bromoform	12.410	173	32973m	0.289	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	60714m	0.293	ppbv	
51) 2-Hexanone	9.574	43	39030m	0.249	ppbv	
52) Tetrachloroethene	10.619	164	29313m	0.382	ppbv	
53) Toluene	9.224	91	67742	0.306	ppbv	99
54) 1,2-Dibromoethane	10.008	107	40256m	0.361	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	37108m	0.380	ppbv	
57) Chlorobenzene	11.532	112	76807m	0.428	ppbv	
58) Ethyl Benzene	12.092	91	97399	0.335	ppbv	94
59) m/p-Xylene	12.375	91	169923m	0.677	ppbv	
60) o-Xylene	13.063	91	75966	0.320	ppbv	97
61) Styrene	12.896	104	26918m	0.251	ppbv	
62) Isopropylbenzene	14.034	105	131414	0.364	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	62319	0.416	ppbv	93
64) n-propylbenzene	14.921	120	30254m	0.321	ppbv	
65) tert-Butylbenzene	16.101	119	106094	0.326	ppbv	91
66) Benzyl Chloride	16.336	91	5719m	0.274	ppbv	
67) sec-Butylbenzene	16.642	105	160943m	0.358	ppbv	
69) p-Isopropyltoluene	17.005	119	114318	0.307	ppbv	95
70) n-Butylbenzene	17.902	91	126045m	0.330	ppbv	
71) 2-Chlorotoluene	14.806	91	92272	0.347	ppbv	100
72) 4-Ethyltoluene	15.195	105	85510	0.306	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.362	105	74423	0.309	ppbv	90
74) 1,2,4-Trimethylbenzene	16.117	105	98594m	0.352	ppbv	
75) 1,3-Dichlorobenzene	16.339	146	62702m	0.356	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	56542	0.332	ppbv	87
77) 1,2-Dichlorobenzene	17.146	146	65806m	0.377	ppbv	
78) Hexachloro-1,3-Butadiene	22.651	225	64298m	0.432	ppbv	
79) Naphthalene	21.400	128	62627m	0.254	ppbv	
80) Naphthalene,2-methyl-	24.384	142	26903m	0.130	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	45964m	0.313	ppbv	

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

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

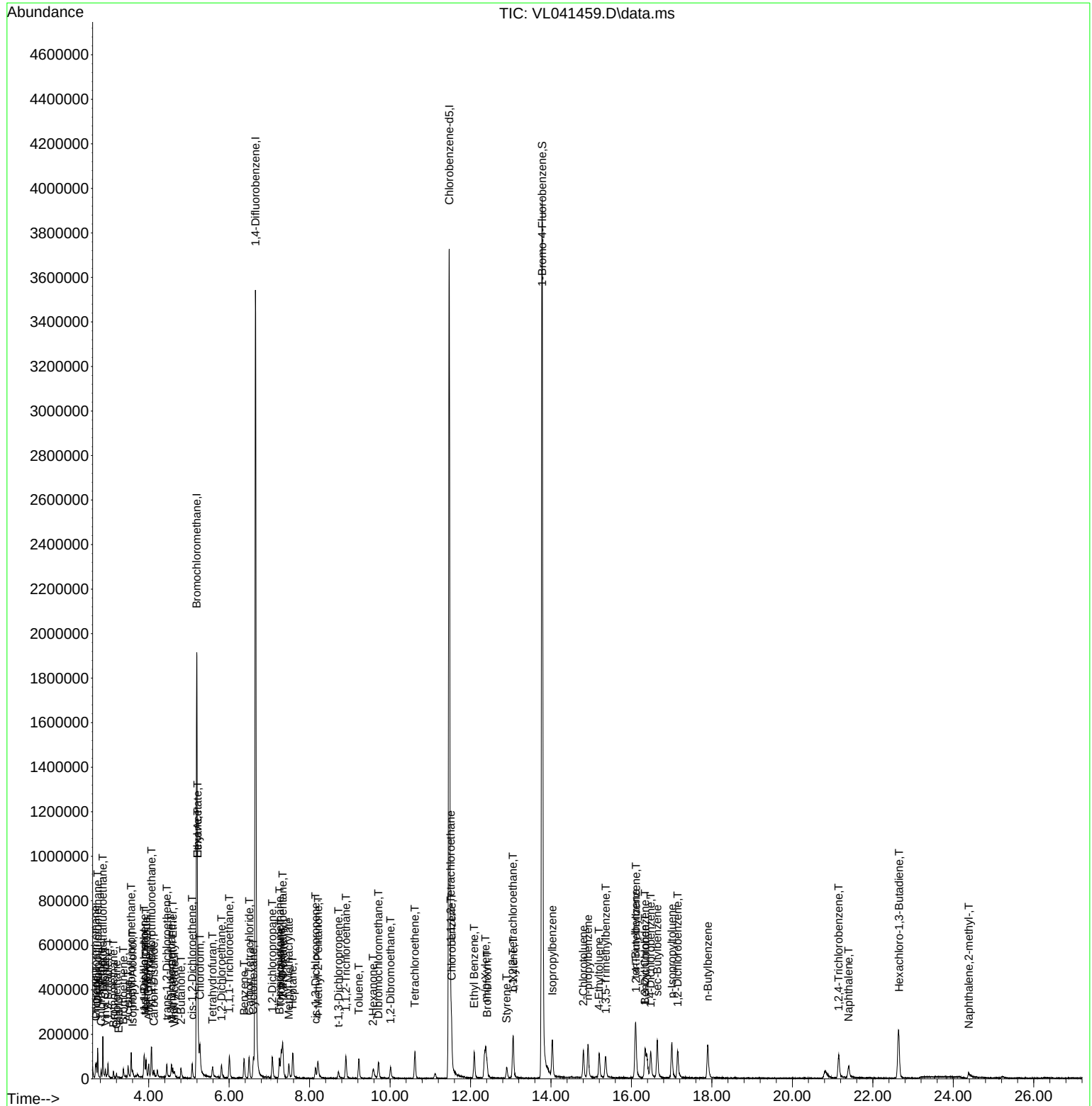
Instrument :
MSVOA_L

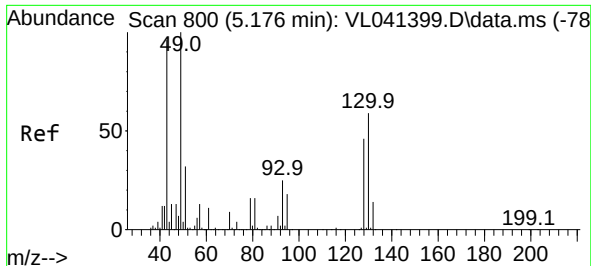
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Manual Integrations

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Supervised By :Mahesh Dadoda 08/01/2024

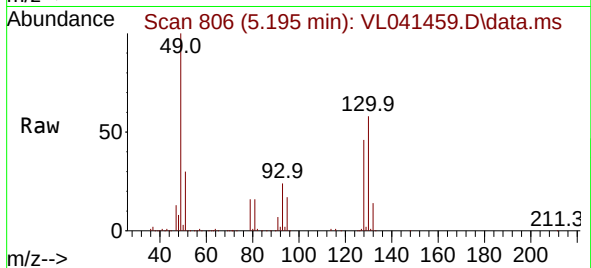
Quant Time: Aug 01 03:54:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
Qlast Update : Thu Aug 01 02:36:30 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

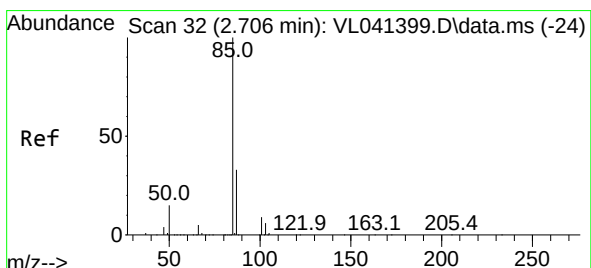
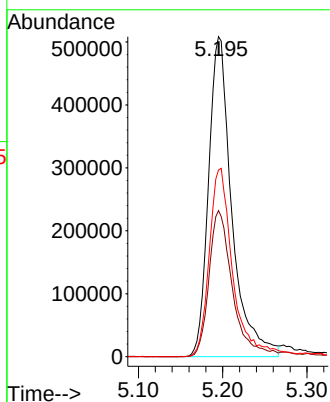
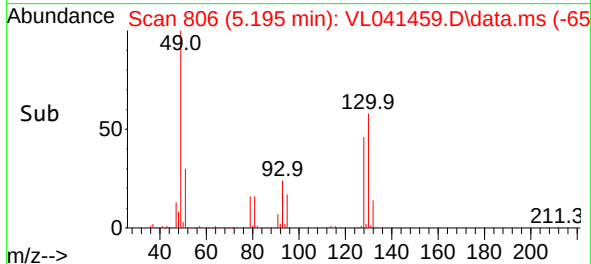
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 49 Resp: 977309
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 61.0 30.8 92.4

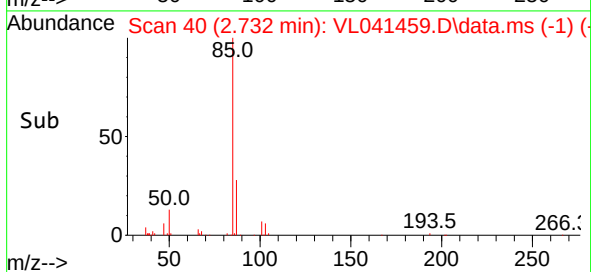
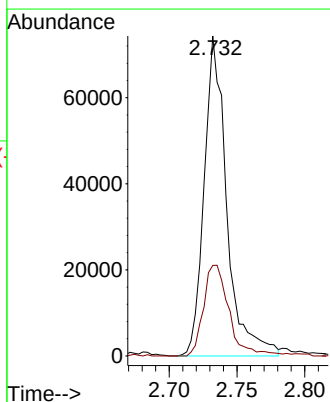
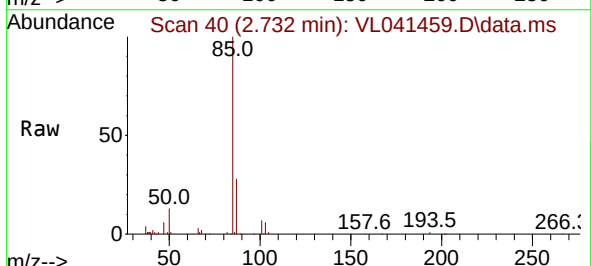
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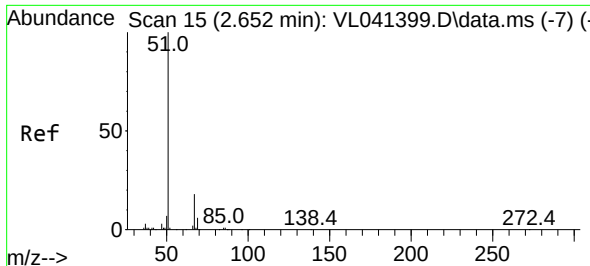
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#2
Dichlorodifluoromethane
Concen: 0.514 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

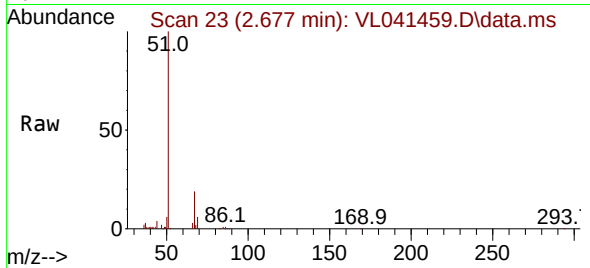
Tgt Ion: 85 Resp: 86423
Ion Ratio Lower Upper
85 100
87 28.3 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.448 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

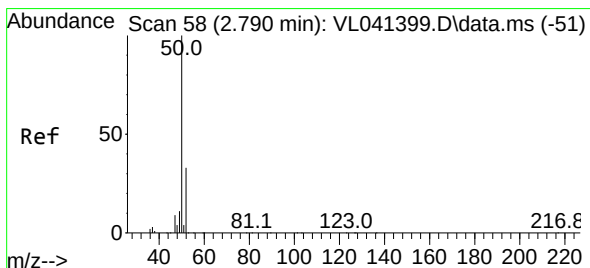
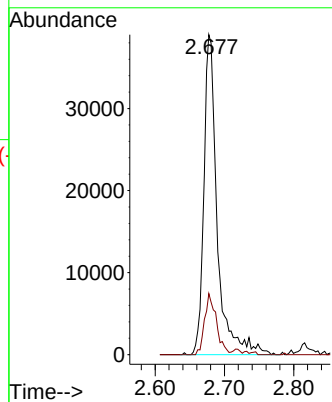
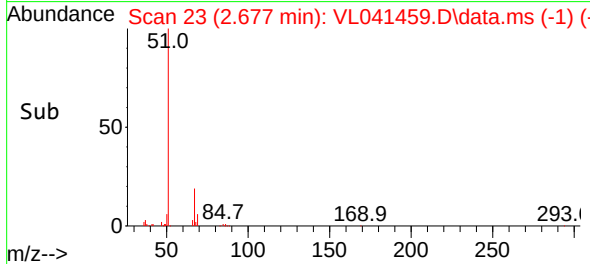
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 51 Resp: 5207
Ion Ratio Lower Upper
51 100
67 18.5 14.5 21.7

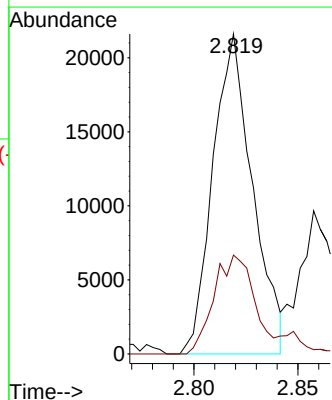
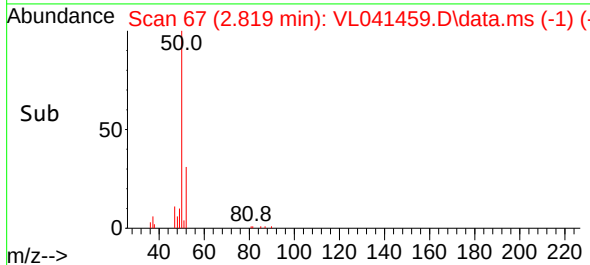
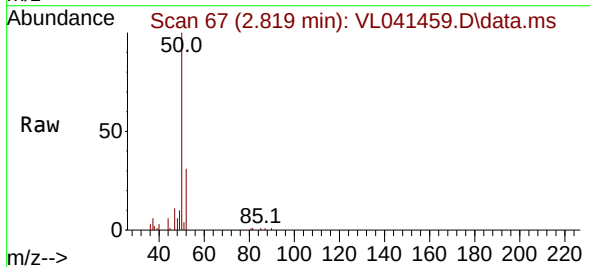
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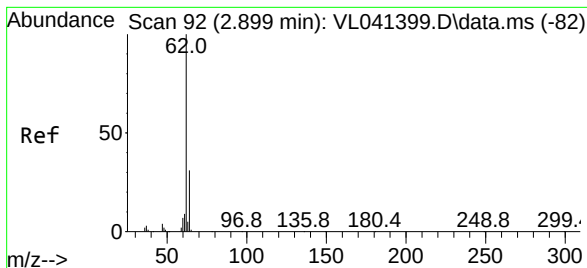
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 0.463 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

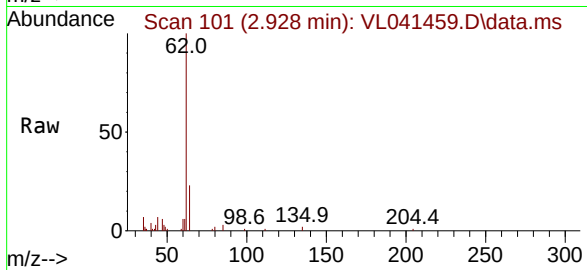
Tgt Ion: 50 Resp: 28646
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.423 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

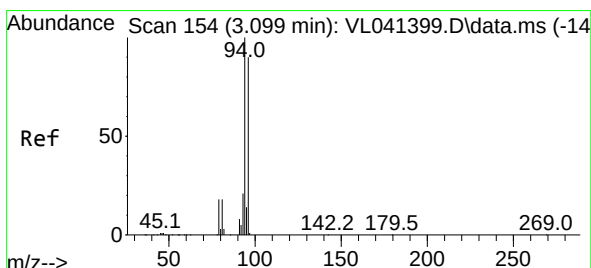
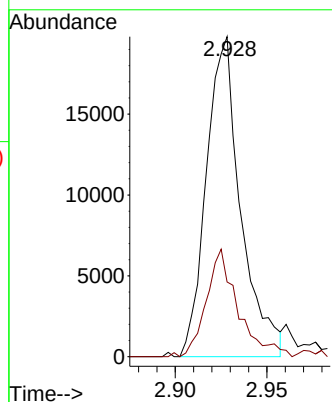
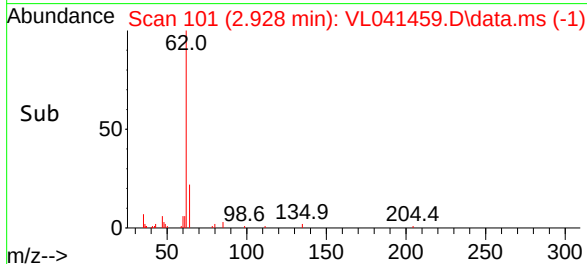
Instrument :
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 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 62 Resp: 2580
 Ion Ratio Lower Upper
 62 100
 64 23.3 25.0 37.4

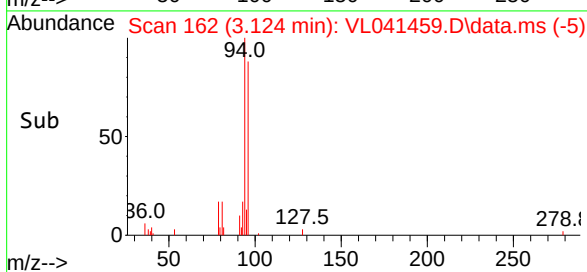
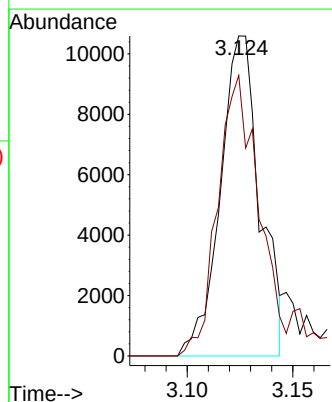
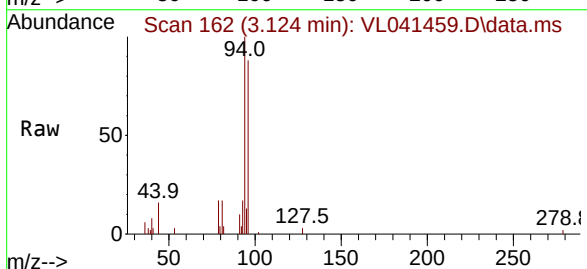
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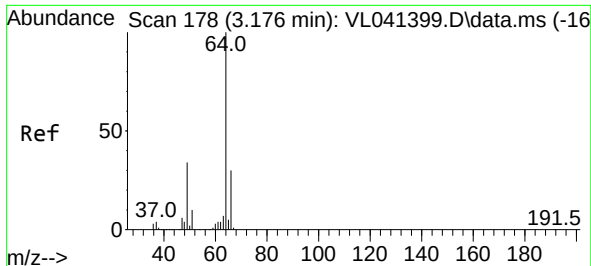
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#6
 Bromomethane
 Concen: 0.441 ppbv m
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

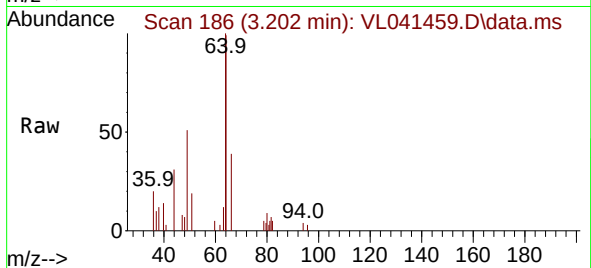
Tgt Ion: 94 Resp: 13815
 Ion Ratio Lower Upper
 94 100
 96 87.7 72.3 108.5





#7
Chloroethane
Concen: 0.482 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

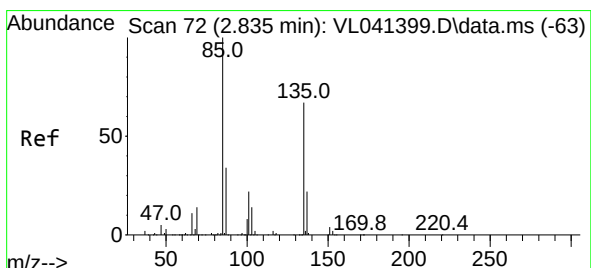
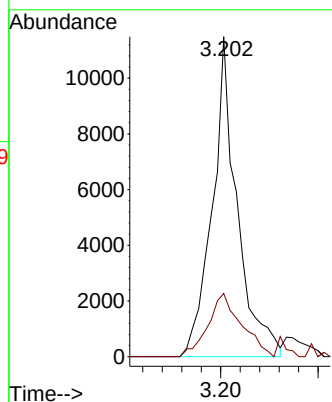
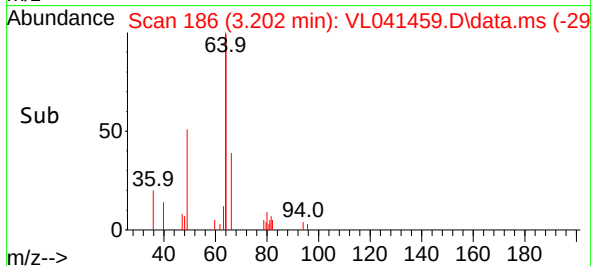
Instrument :
MSVOA_L
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LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 64 Resp: 1013
Ion Ratio Lower Upper
64 100
66 19.7 24.2 36.2

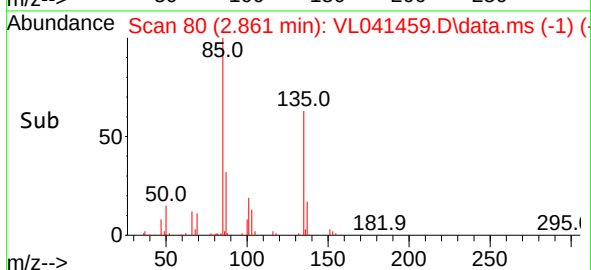
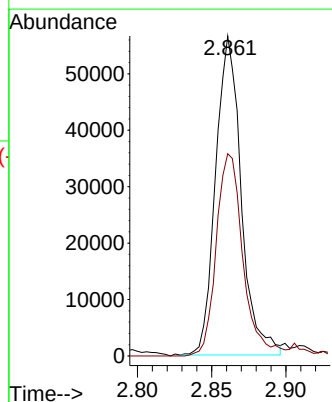
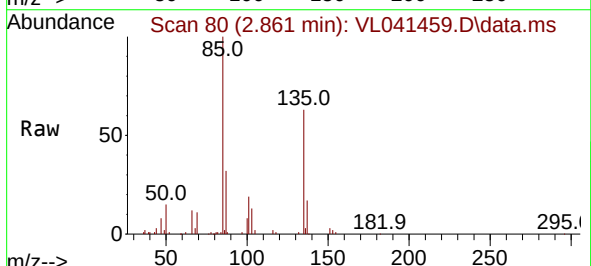
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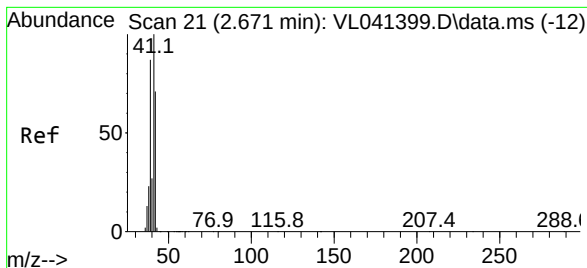
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 0.456 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 85 Resp: 67883
Ion Ratio Lower Upper
85 100
135 69.5 55.4 83.0





#9

Propene

Concen: 0.395 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.007 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

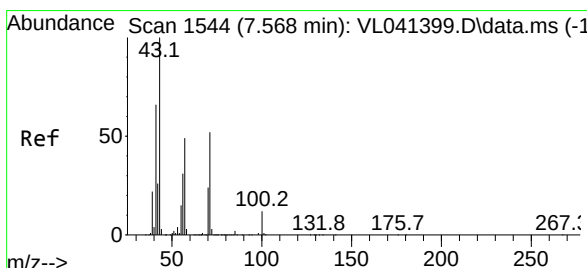
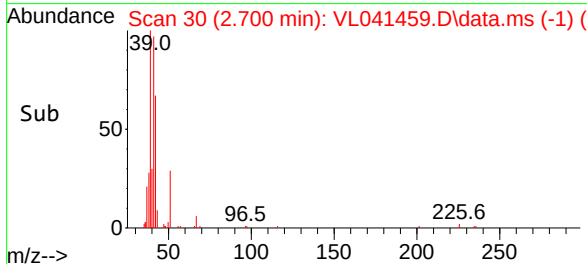
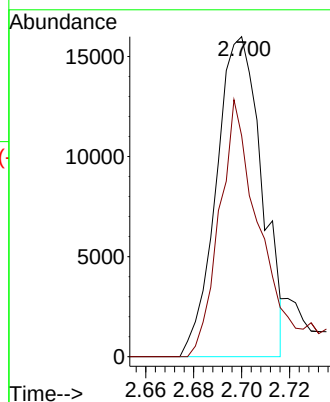
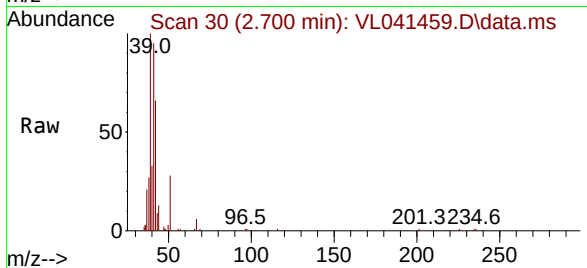
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 41 Resp: 21108
 Ion Ratio Lower Upper
 41 100
 42 80.2 55.9 83.9

Manual Integrations

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 Supervised By :Mahesh Dadoda 08/01/2024



#10

Heptane

Concen: 0.338 ppbv m

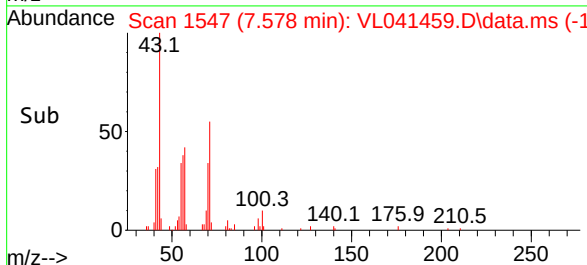
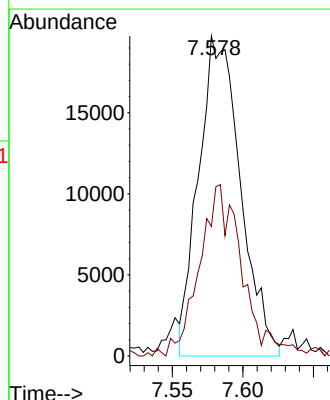
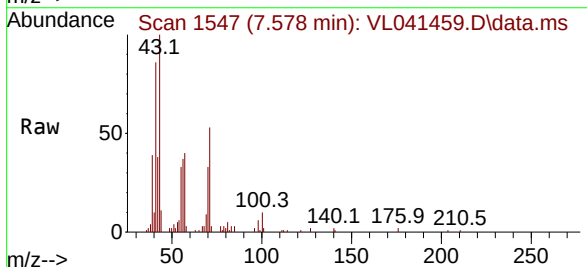
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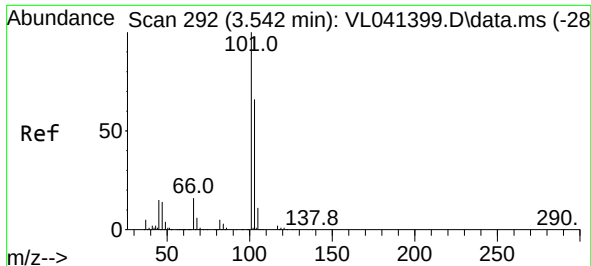
Delta R.T. -0.006 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

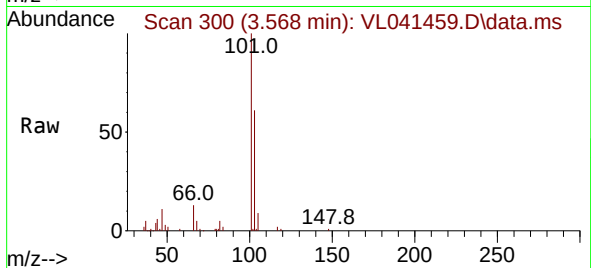
Tgt Ion: 43 Resp: 40584
 Ion Ratio Lower Upper
 43 100
 57 55.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.430 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

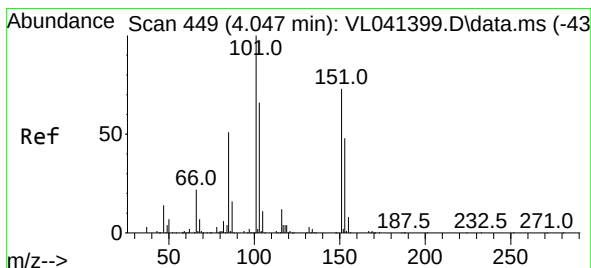
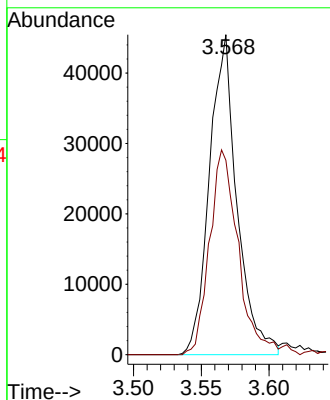
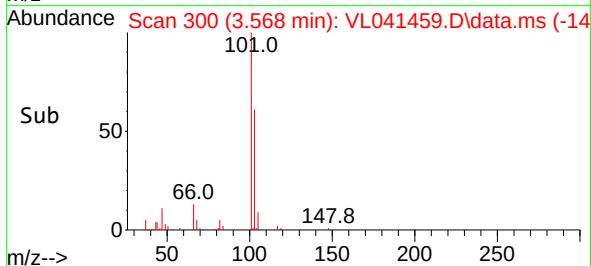
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:101 Resp: 64250
Ion Ratio Lower Upper
101 100
103 60.7 52.6 79.0

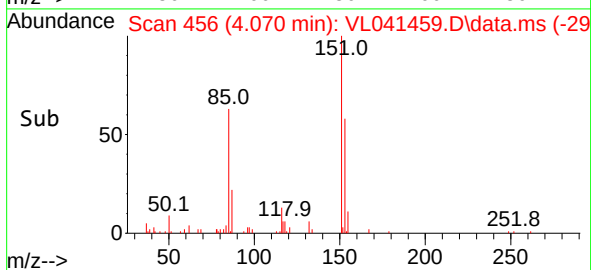
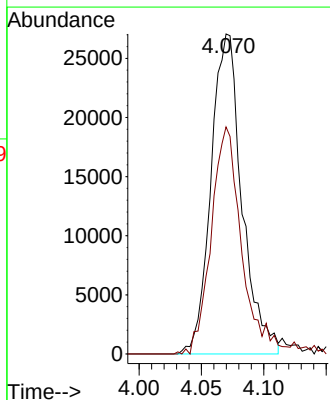
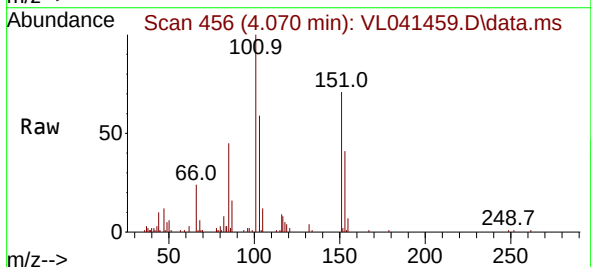
Manual Integrations
APPROVED

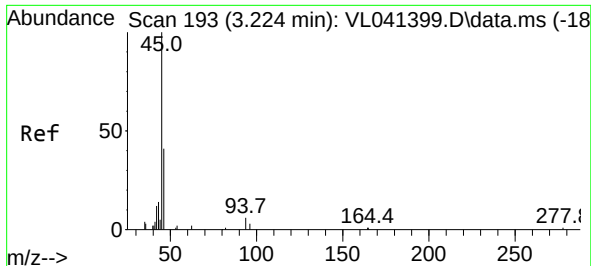
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.435 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion:101 Resp: 46801
Ion Ratio Lower Upper
101 100
151 71.3 59.4 89.2





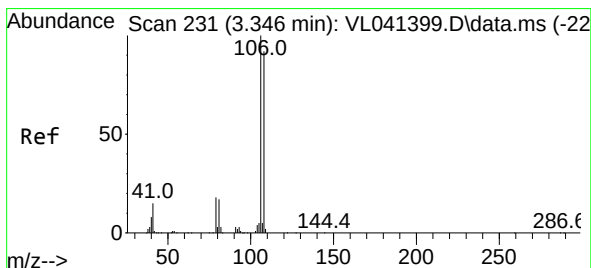
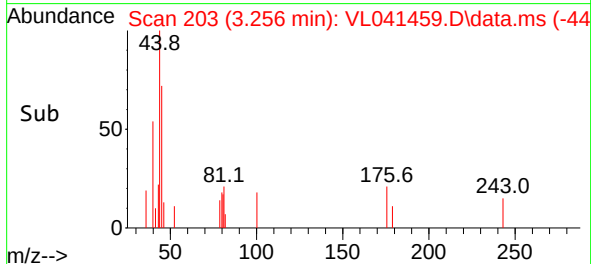
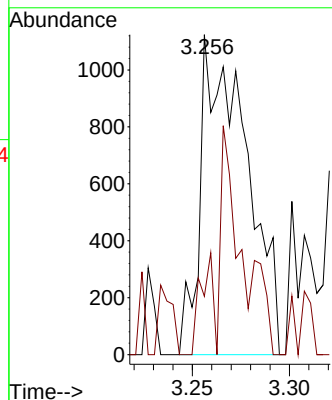
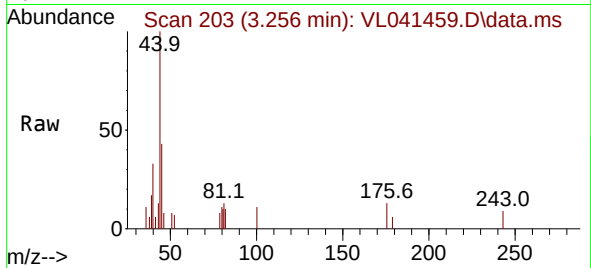
#13
Ethanol
Concen: 0.387 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 45 Resp: 184
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

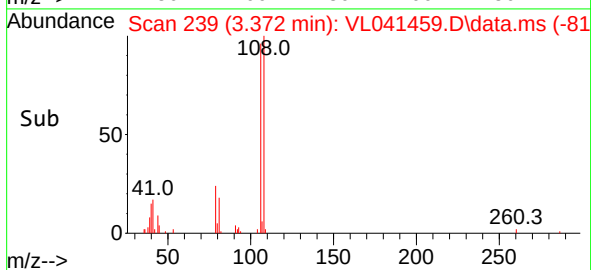
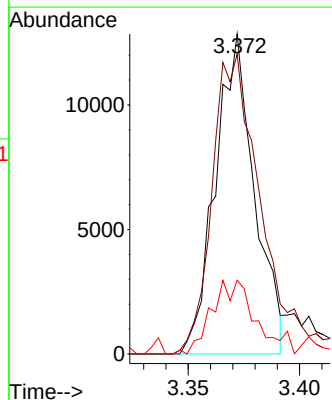
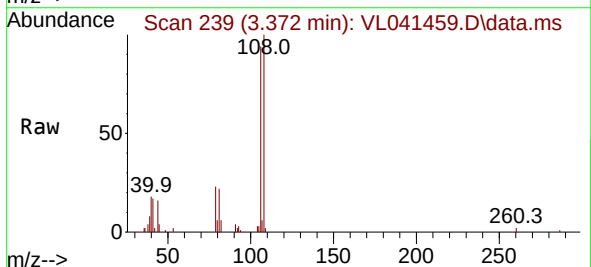
Manual Integrations
APPROVED

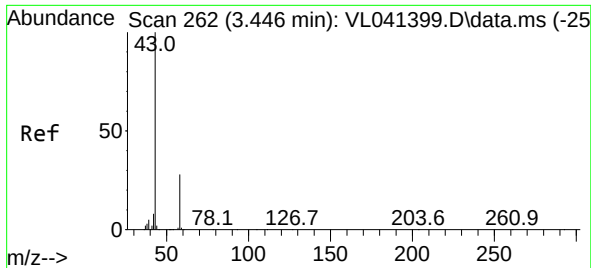
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#14
Bromoethene
Concen: 0.374 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

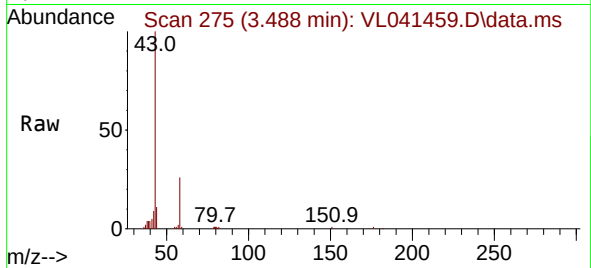
Tgt Ion:108 Resp: 15678
Ion Ratio Lower Upper
108 100
106 116.5 86.9 130.3
79 30.2 16.2 24.4





#15
Acetone
Concen: 0.490 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

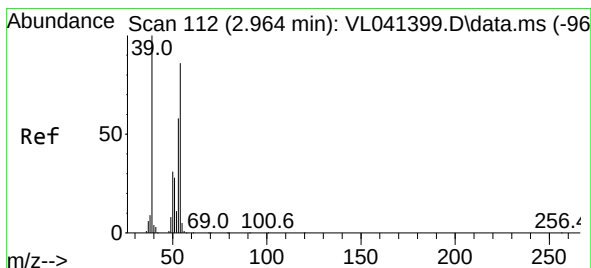
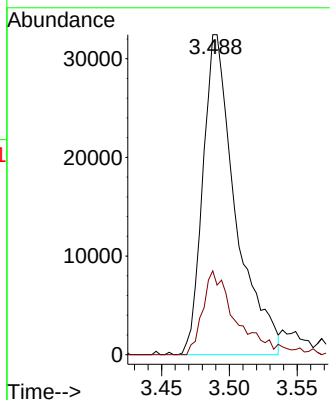
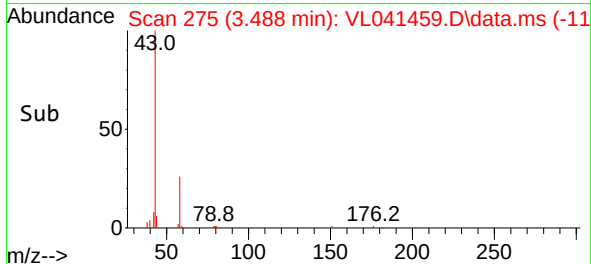
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



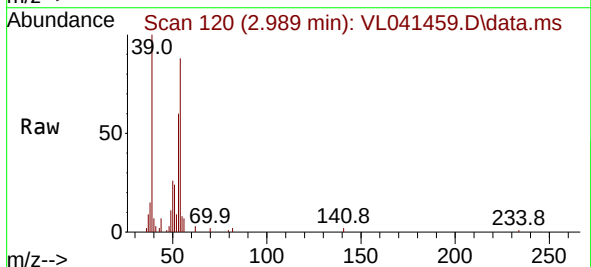
Tgt Ion: 43 Resp: 5438
Ion Ratio Lower Upper
43 100
58 27.7 21.4 32.2

Manual Integrations
APPROVED

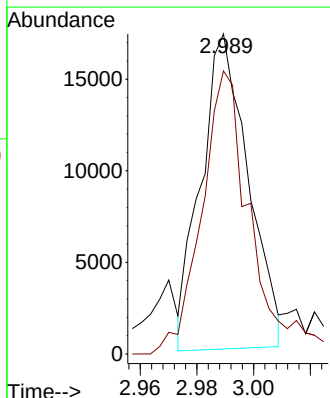
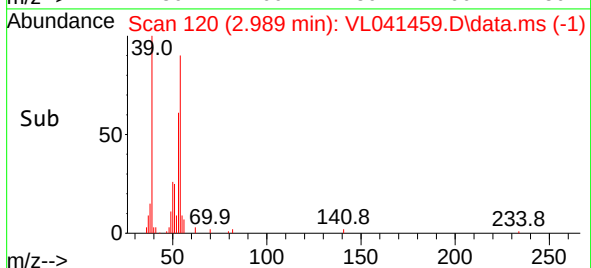
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

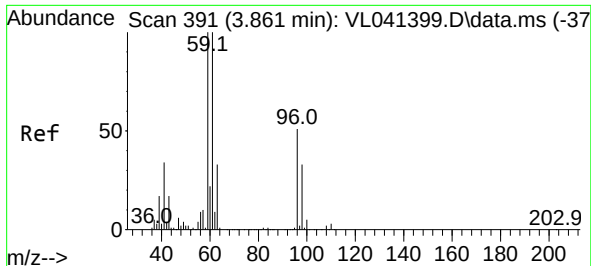


#16
1,3-Butadiene
Concen: 0.336 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



Tgt Ion: 39 Resp: 19947
Ion Ratio Lower Upper
39 100
54 96.5 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.390 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.019 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

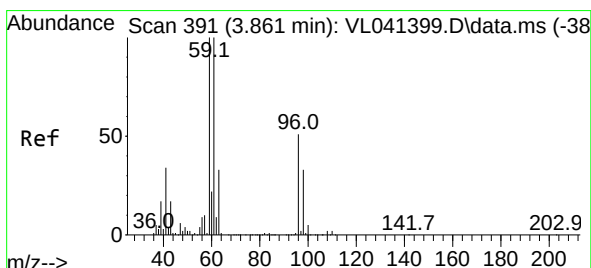
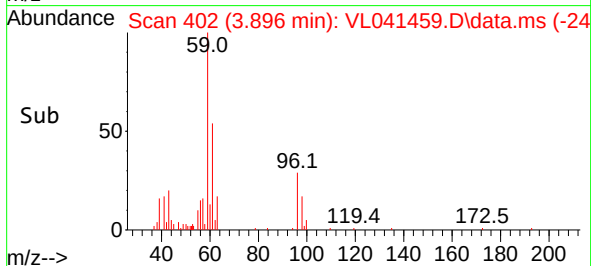
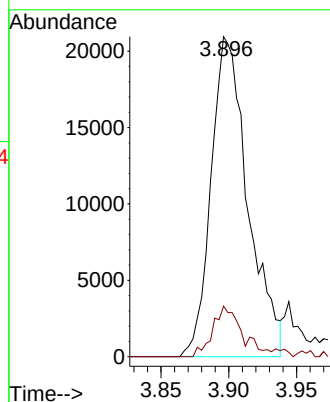
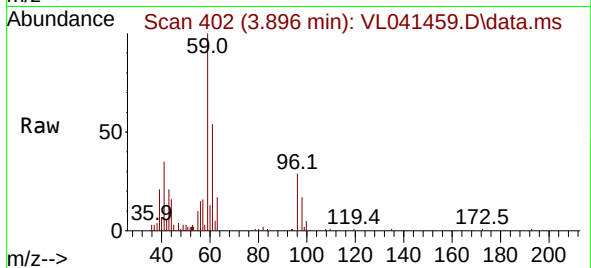
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 59 Resp: 39520
 Ion Ratio Lower Upper
 59 100
 57 14.2 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#18

1,1-Dichloroethene

Concen: 0.405 ppbv m

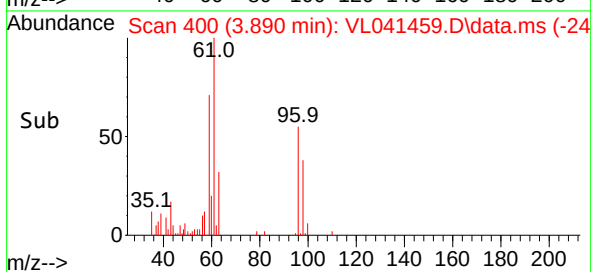
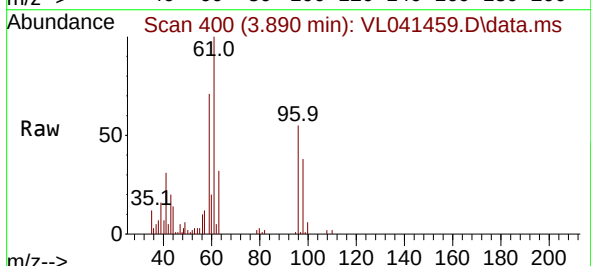
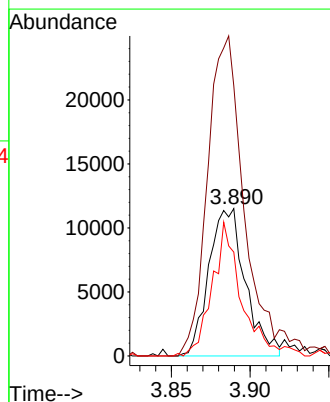
RT: 3.890 min Scan# 400

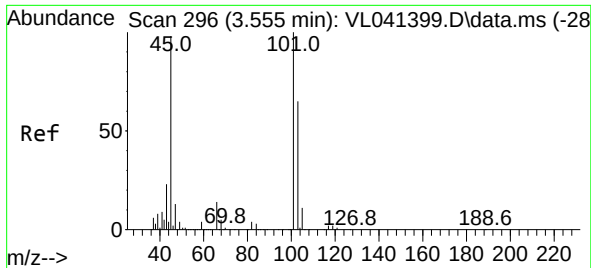
Delta R.T. 0.010 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

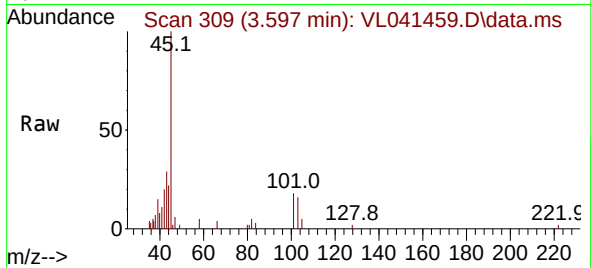
Tgt Ion: 96 Resp: 18611
 Ion Ratio Lower Upper
 96 100
 61 183.2 157.5 236.3
 98 70.5 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.333 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.023 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

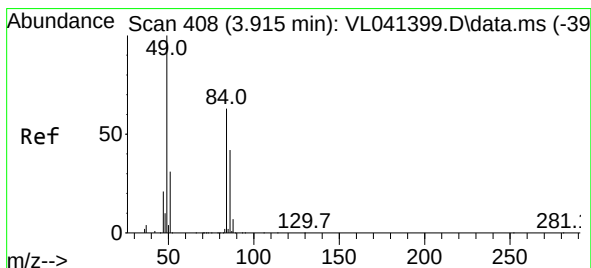
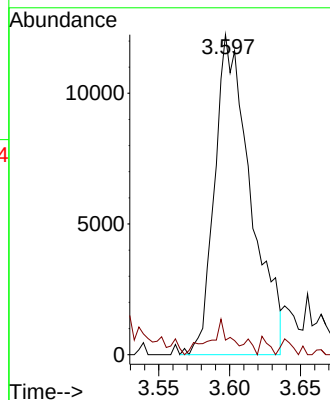
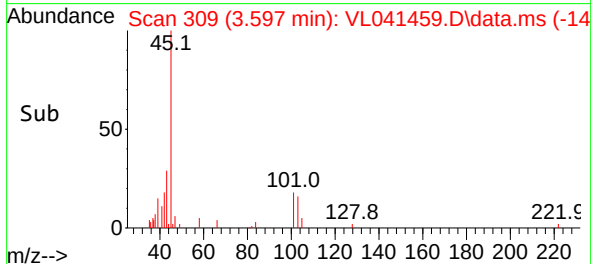
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



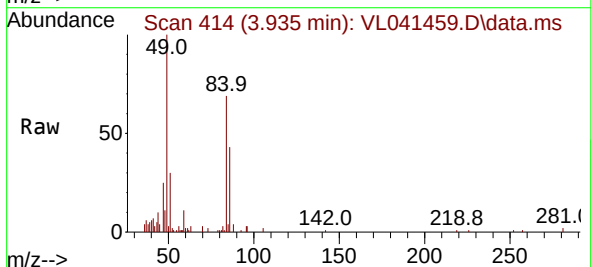
Tgt Ion: 45 Resp: 21645
Ion Ratio Lower Upper
45 100
58 8.3 1.9 2.9

Manual Integrations
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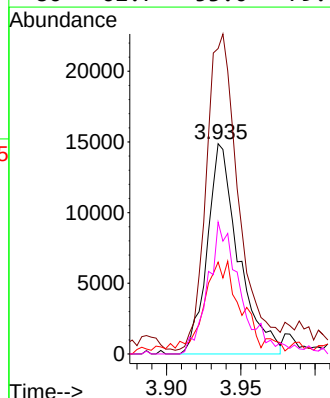
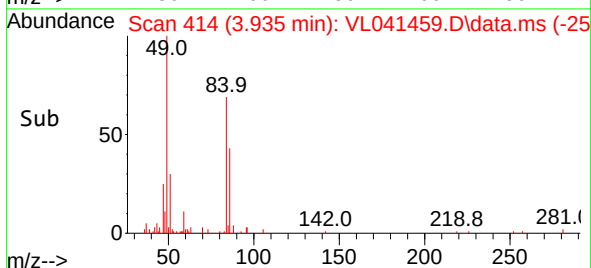
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

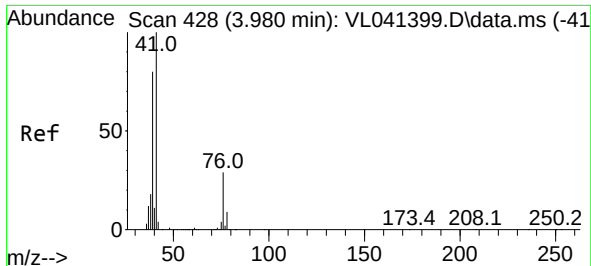


#20
Methylene Chloride
Concen: 0.523 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



Tgt Ion: 84 Resp: 21661
Ion Ratio Lower Upper
84 100
49 142.9 126.6 190.0
51 38.3 38.6 58.0#
86 62.7 53.0 79.4





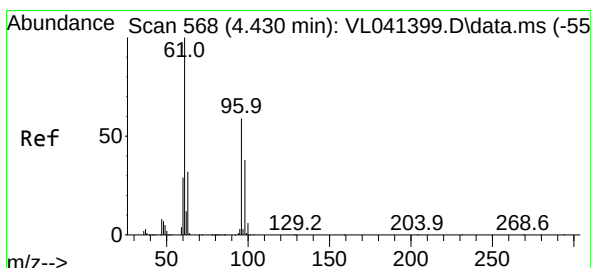
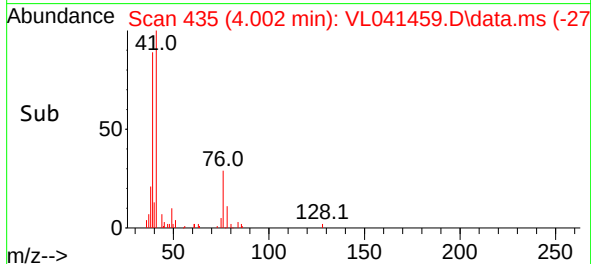
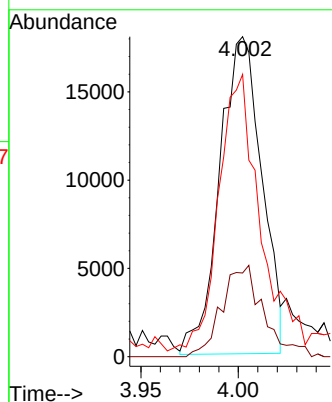
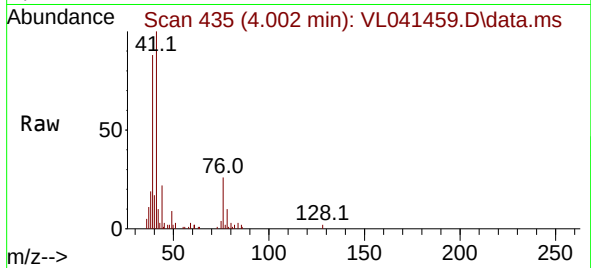
#21
 Allyl Chloride
 Concen: 0.372 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 41 Resp: 27110
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.7 35.5
 39 84.5 64.3 96.5

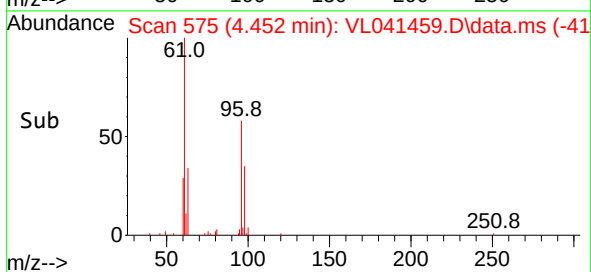
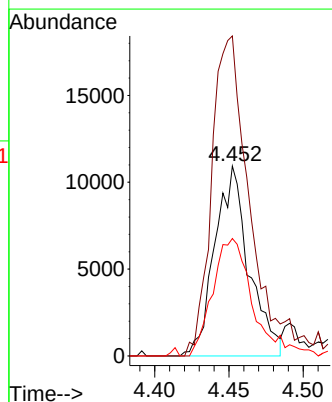
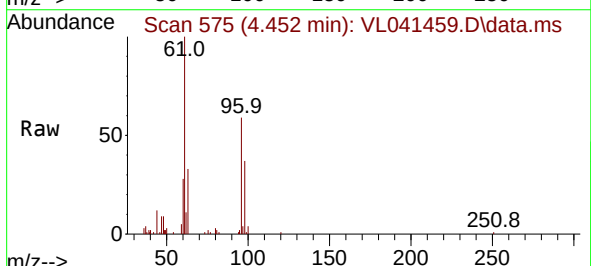
Manual Integrations
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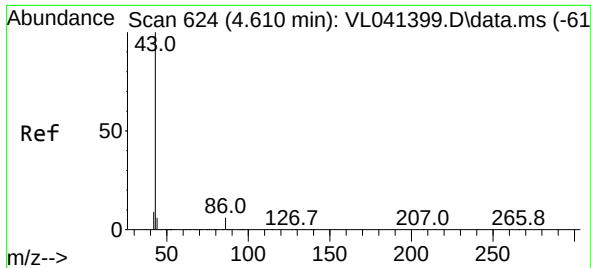
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.380 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.007 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

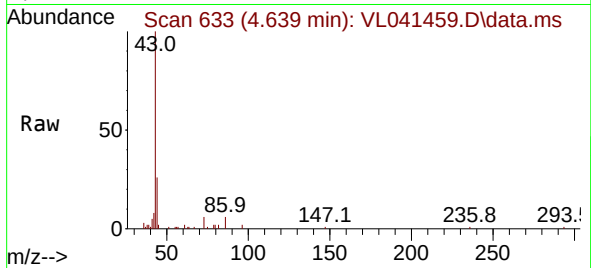
Tgt Ion: 96 Resp: 17491
 Ion Ratio Lower Upper
 96 100
 61 168.5 135.4 203.2
 98 61.9 51.0 76.4





#23
Vinyl Acetate
Concen: 0.375 ppbv m
RT: 4.639 min Scan# 610
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

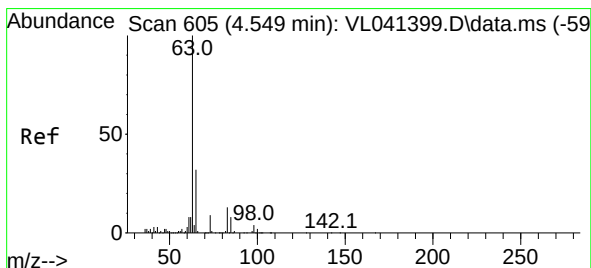
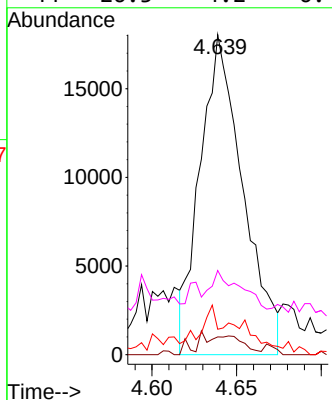
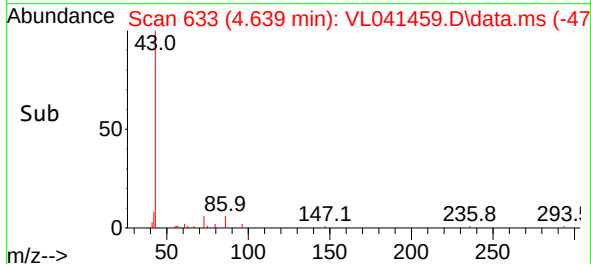
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 31825
Ion Ratio Lower Upper
43 100
86 5.6 4.6 6.8
42 7.9 7.9 11.9
44 26.3 4.2 6.4#

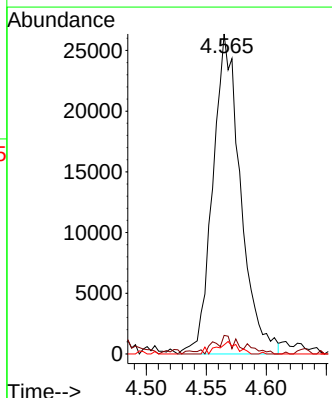
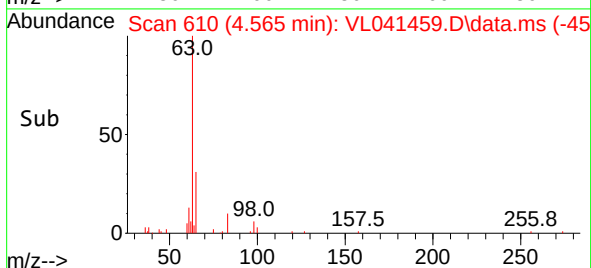
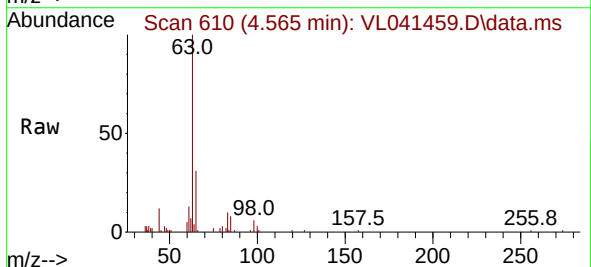
Manual Integrations
APPROVED

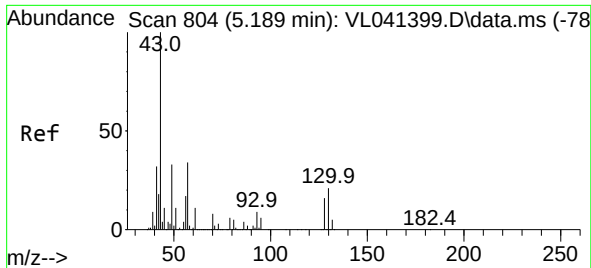
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#24
1,1-Dichloroethane
Concen: 0.423 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 63 Resp: 42270
Ion Ratio Lower Upper
63 100
98 5.8 2.0 6.0
100 2.9 1.2 3.6





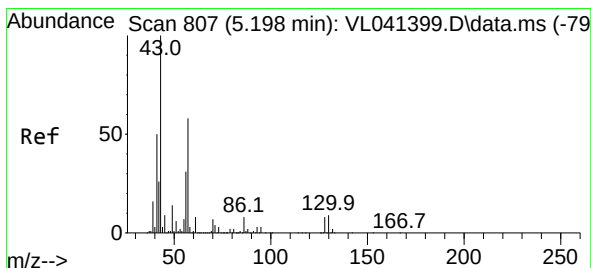
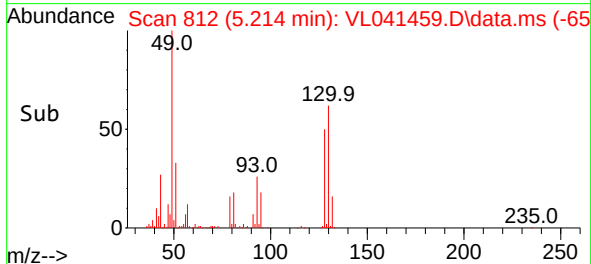
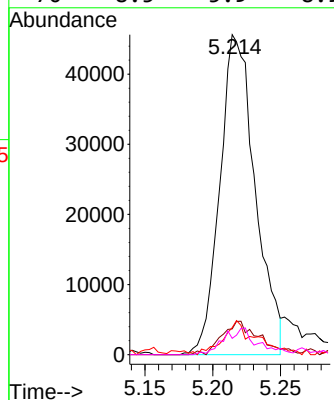
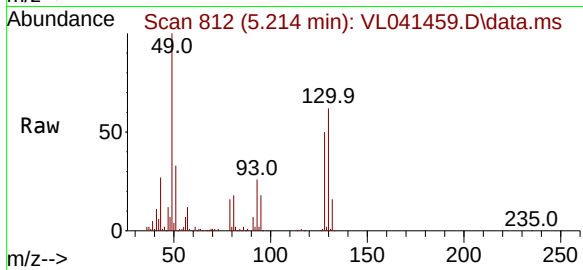
#25
Ethyl Acetate
Concen: 0.375 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 43 Resp: 82780
Ion Ratio Lower Upper
43 100
45 11.0 8.5 12.7
61 10.5 8.0 12.0
70 8.5 5.9 8.9

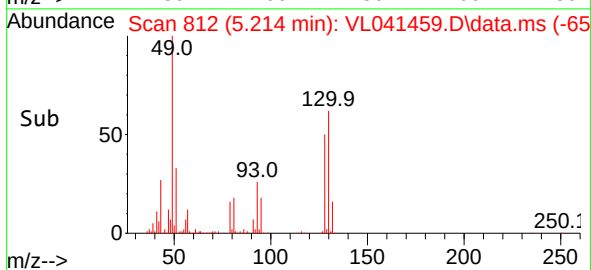
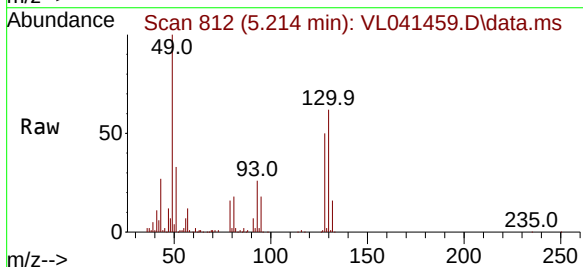
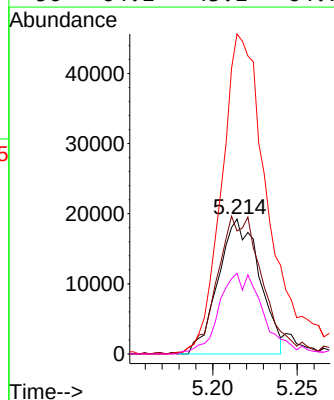
Manual Integrations
APPROVED

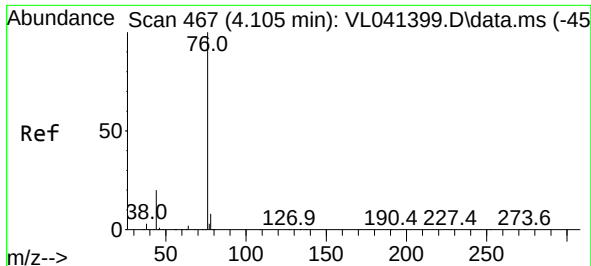
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#26
Hexane
Concen: 0.357 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

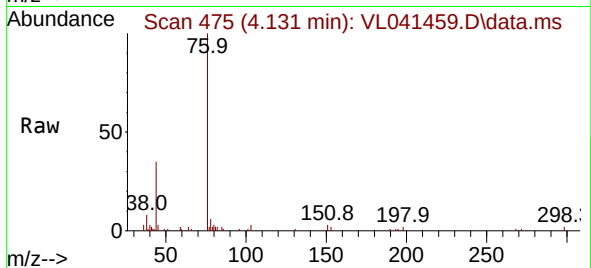
Tgt Ion: 57 Resp: 32642
Ion Ratio Lower Upper
57 100
41 118.2 74.0 111.0#
43 287.7 193.6 290.4
56 64.1 43.1 64.7





#27
Carbon Disulfide
Concen: 0.274 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

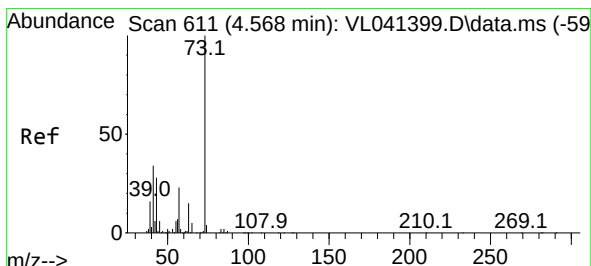
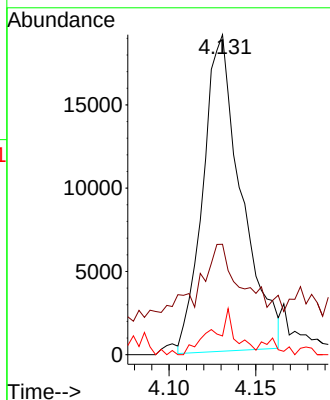
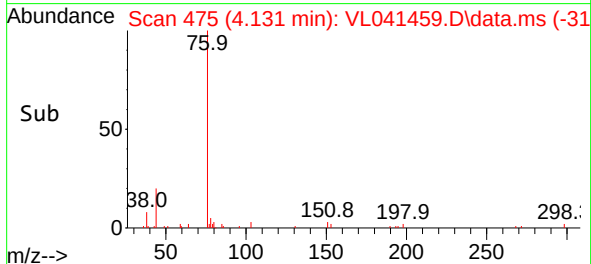
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



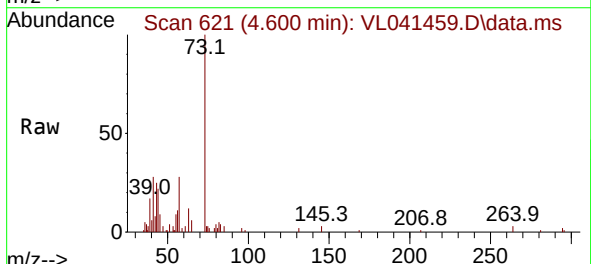
Tgt Ion: 76 Resp: 2930
Ion Ratio Lower Upper
76 100
44 44.5 15.6 23.4
78 11.0 7.7 11.5

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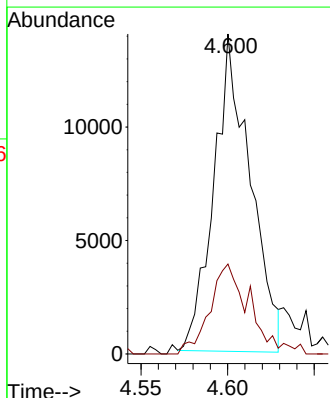
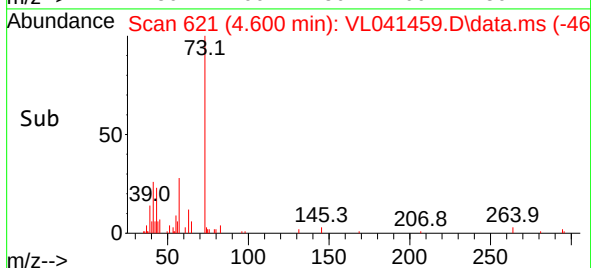
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

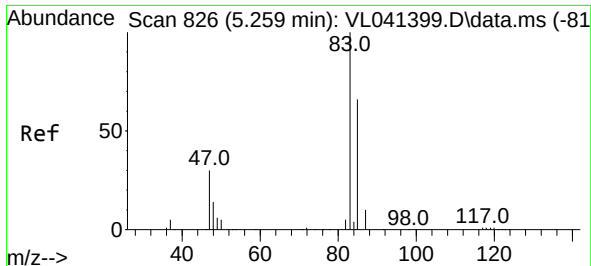


#28
Methyl tert-Butyl Ether
Concen: 0.355 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.013 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



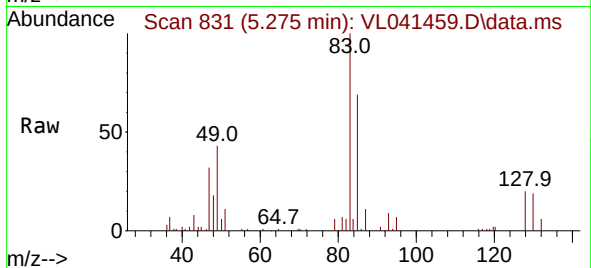
Tgt Ion: 73 Resp: 20509
Ion Ratio Lower Upper
73 100
57 31.1 18.9 28.3





#29
Chloroform
Concen: 0.441 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

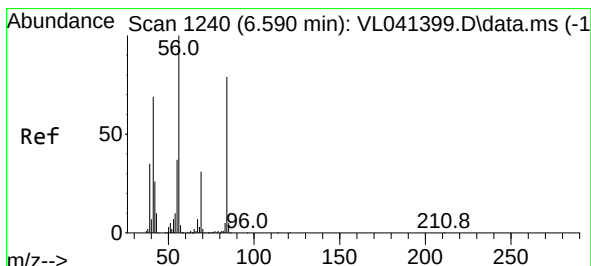
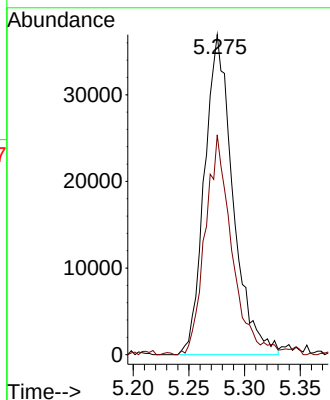
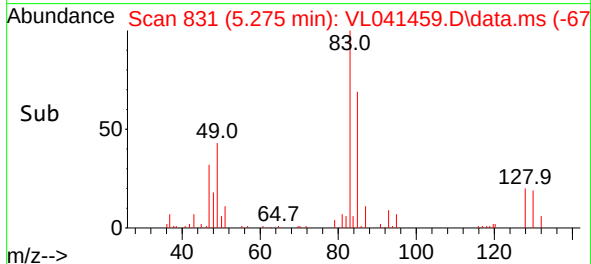
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 83 Resp: 65829
Ion Ratio Lower Upper
83 100
85 68.7 53.1 79.7

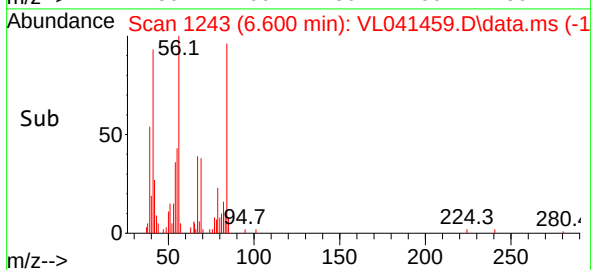
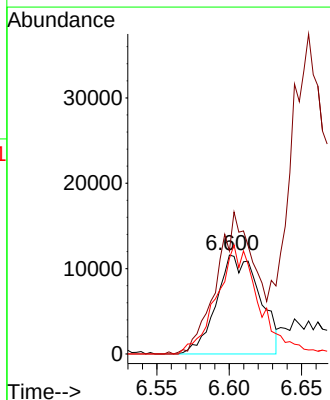
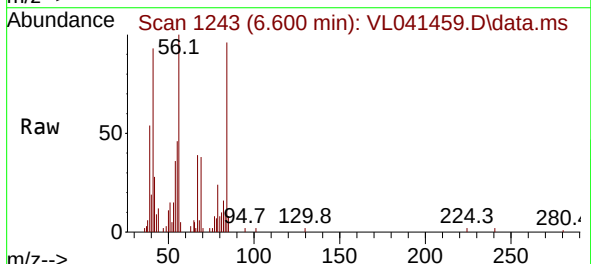
Manual Integrations
APPROVED

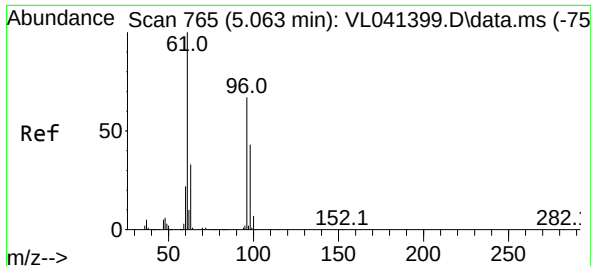
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#30
Cyclohexane
Concen: 0.321 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

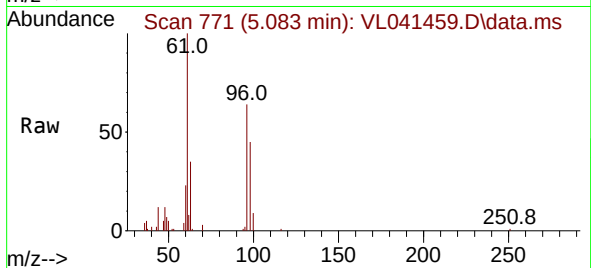
Tgt Ion: 84 Resp: 23958
Ion Ratio Lower Upper
84 100
56 126.7 111.2 166.8
41 108.3 70.3 105.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.372 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

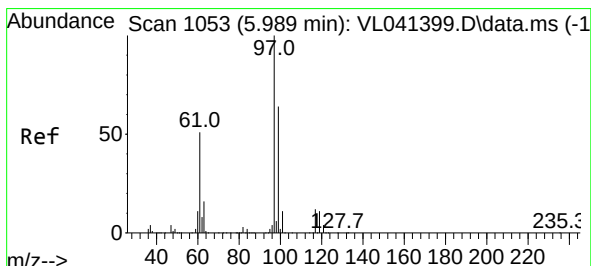
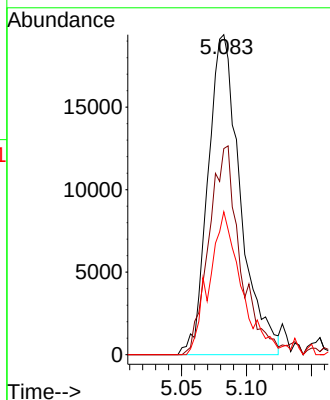
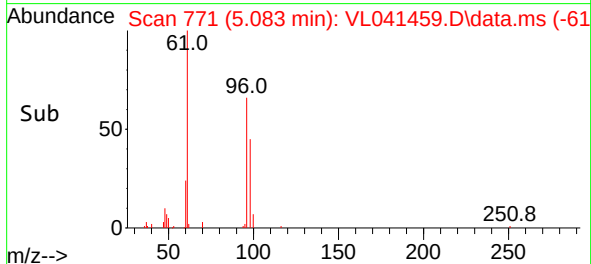
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 61 Resp: 33592
 Ion Ratio Lower Upper
 61 100
 96 64.4 53.4 80.2
 98 44.7 34.4 51.6

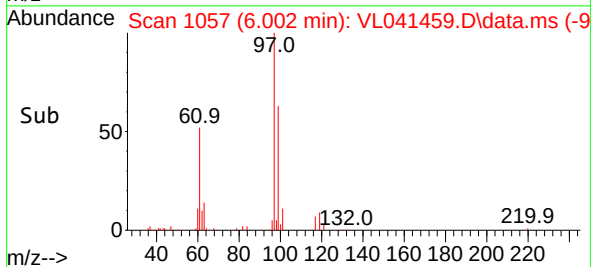
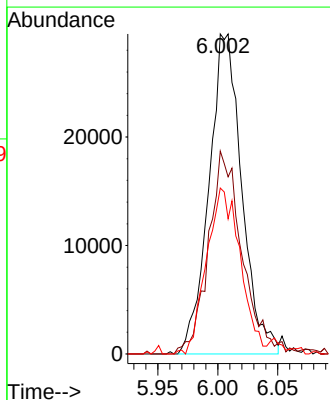
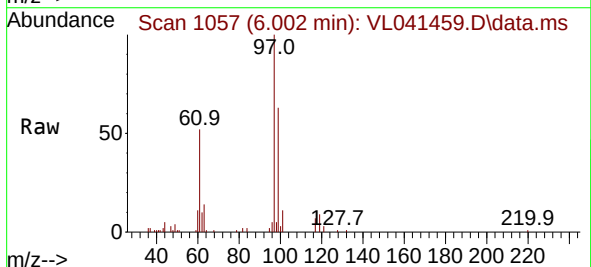
Manual Integrations
 APPROVED

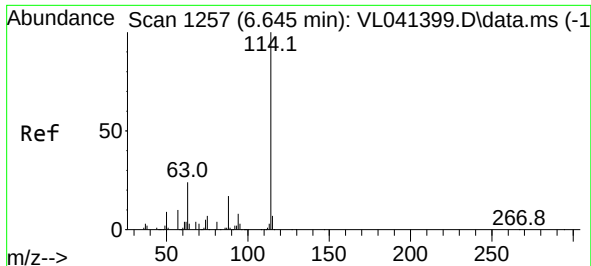
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.387 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 97 Resp: 56280
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.0 78.0
 61 55.6 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041459.D

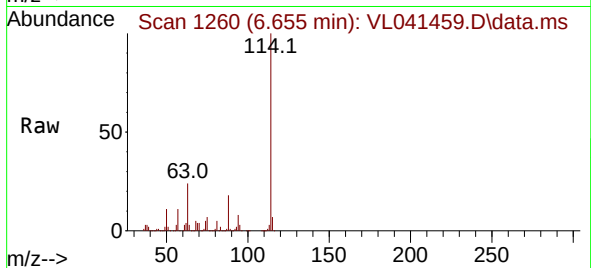
Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



Tgt Ion:114 Resp: 271559

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

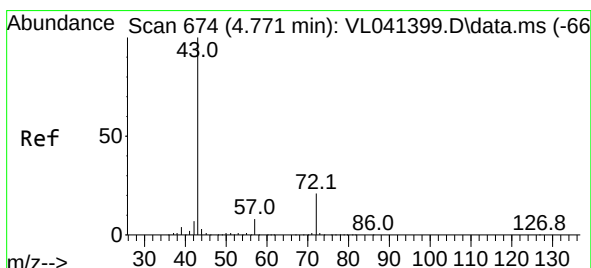
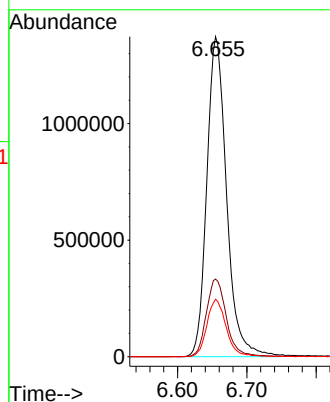
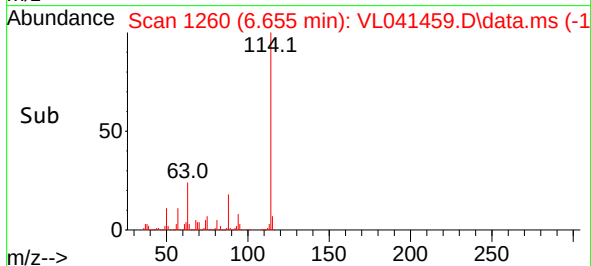
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 0.360 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.019 min

Lab File: VL041459.D

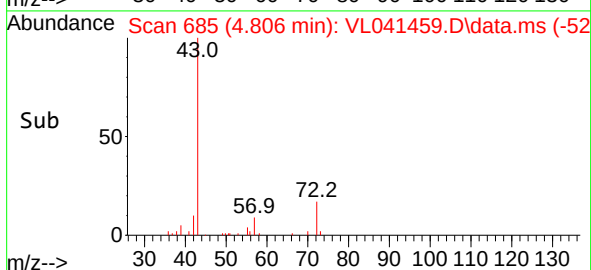
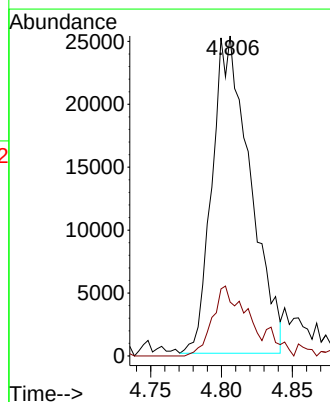
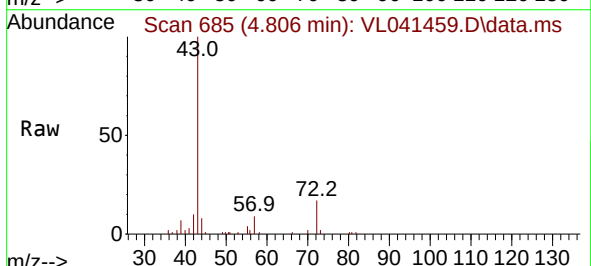
Acq: 31 Jul 2024 12:14

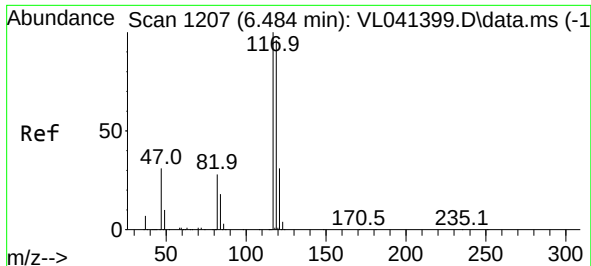
Tgt Ion: 43 Resp: 47319

Ion Ratio Lower Upper

43 100

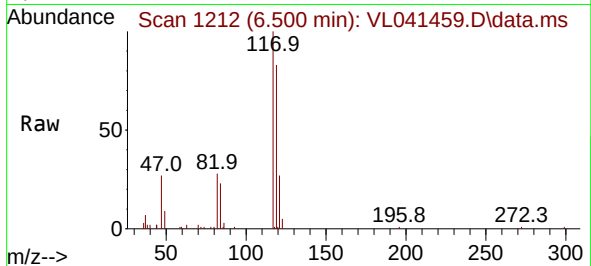
72 24.0 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.370 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

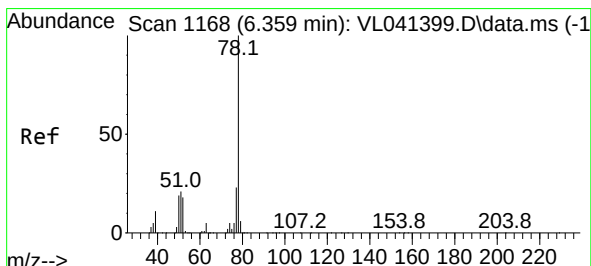
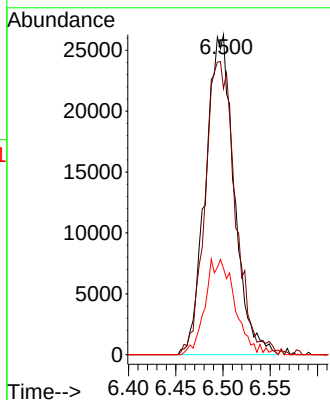
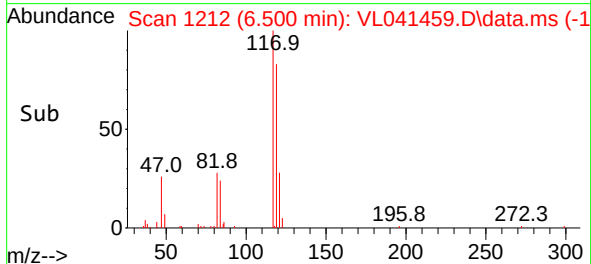
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 117 Resp: 5549
Ion Ratio Lower Upper
117 100
119 83.1 76.6 115.0
121 27.0 25.1 37.7

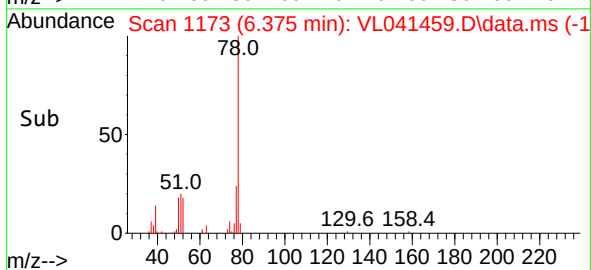
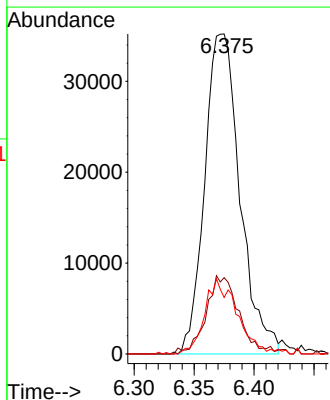
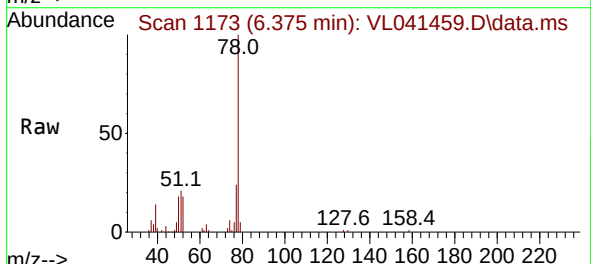
Manual Integrations
APPROVED

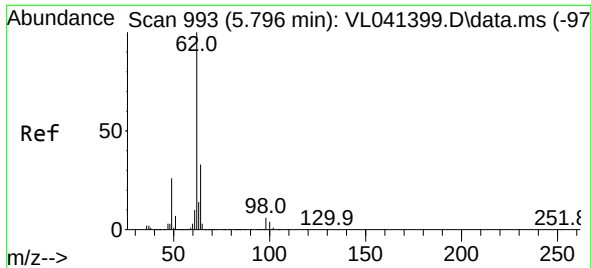
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36
Benzene
Concen: 0.363 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 78 Resp: 72002
Ion Ratio Lower Upper
78 100
77 22.0 18.1 27.1
50 17.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.414 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

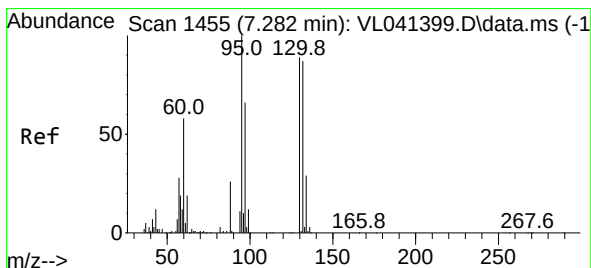
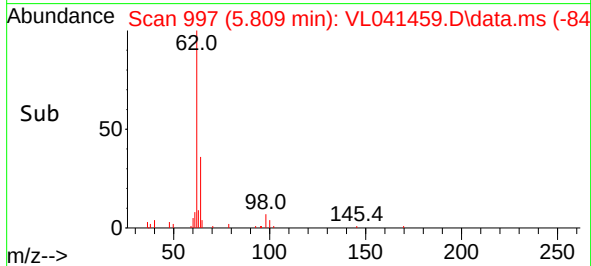
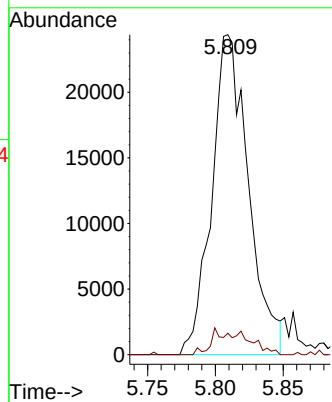
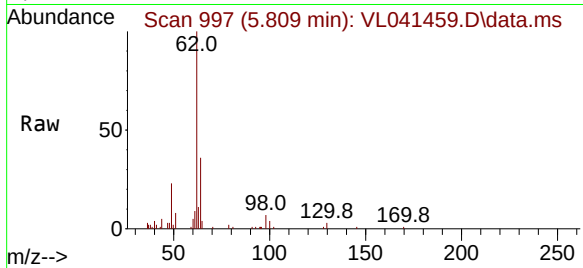
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 62 Resp: 45935
 Ion Ratio Lower Upper
 62 100
 98 7.6 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#38

Trichloroethene

Concen: 0.354 ppbv

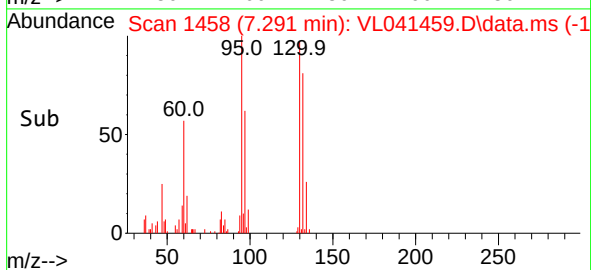
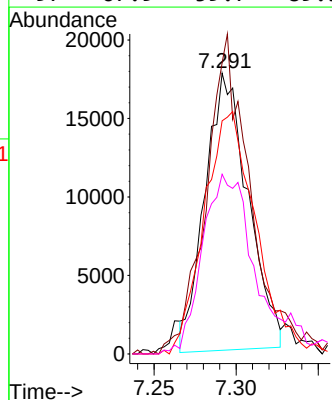
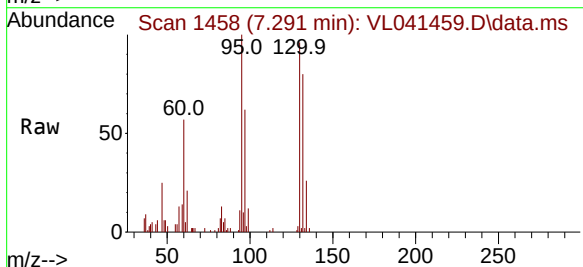
RT: 7.291 min Scan# 1458

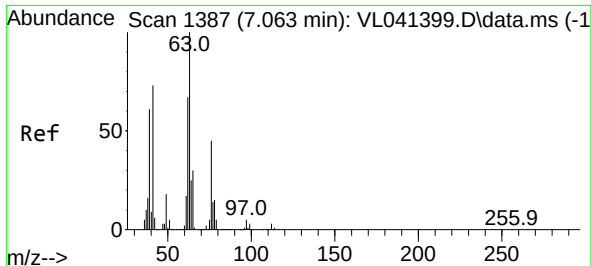
Delta R.T. -0.006 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:130 Resp: 32185
 Ion Ratio Lower Upper
 130 100
 95 105.5 90.2 135.2
 132 82.9 78.1 117.1
 97 67.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.414 ppbv

RT: 7.073 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

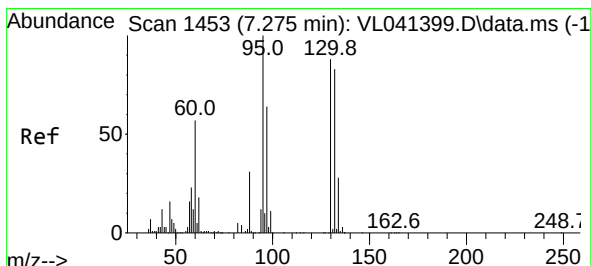
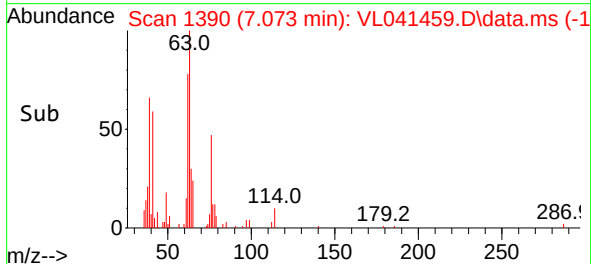
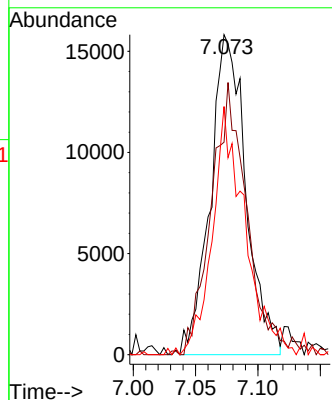
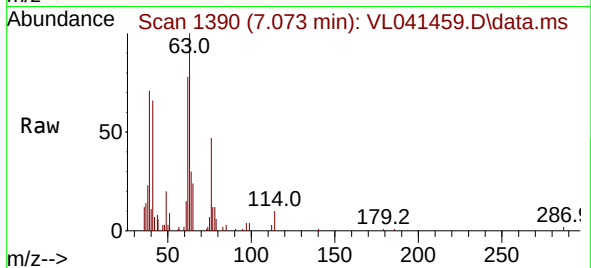
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 63	Resp: 3147
Ion Ratio	Lower Upper
63	100
41	68.1 58.3 87.5
62	79.5 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 0.287 ppbv m

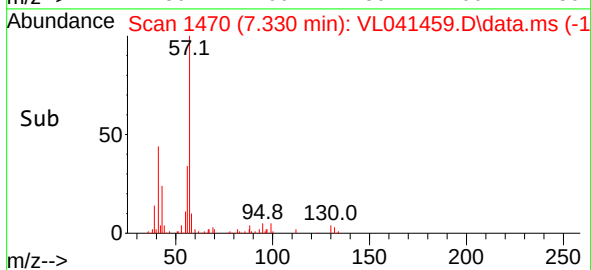
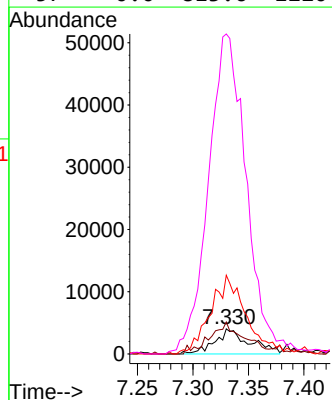
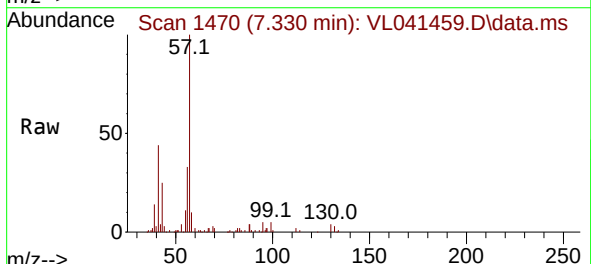
RT: 7.330 min Scan# 1470

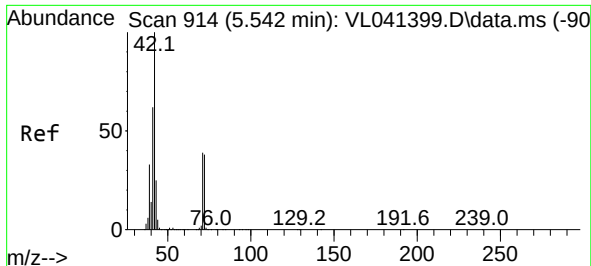
Delta R.T. 0.039 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion: 88	Resp: 8751
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: 0.302 ppbv m

RT: 5.587 min Scan# 914

Delta R.T. 0.029 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

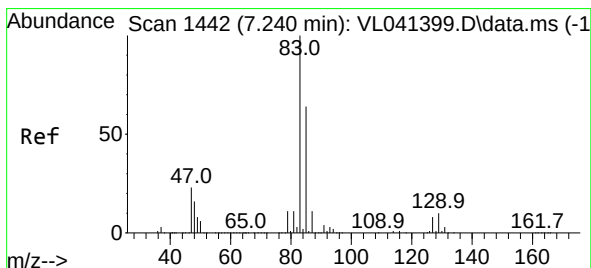
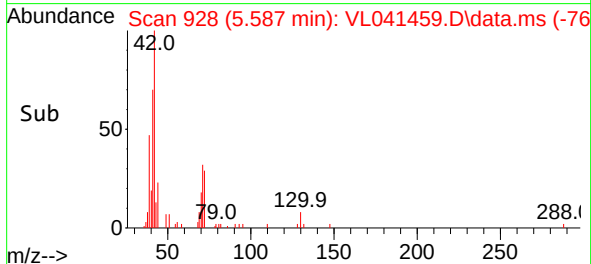
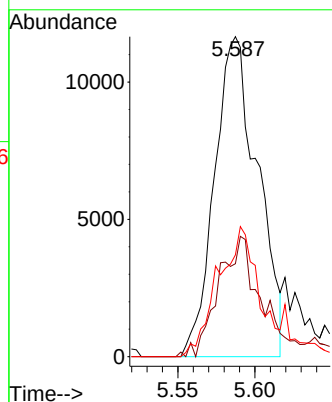
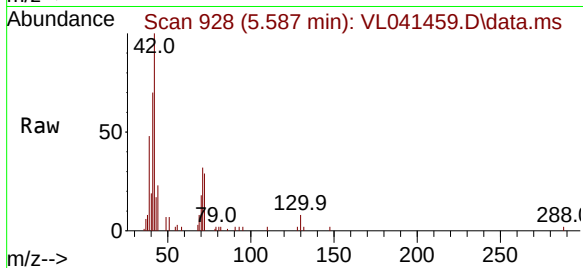
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:	42	Resp:	22694
Ion Ratio	Lower	Upper	
42	100		
72	39.8	31.2	46.8
71	43.1	30.5	45.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42

Bromodichloromethane

Concen: 0.358 ppbv

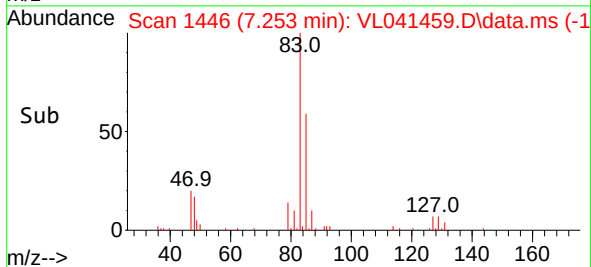
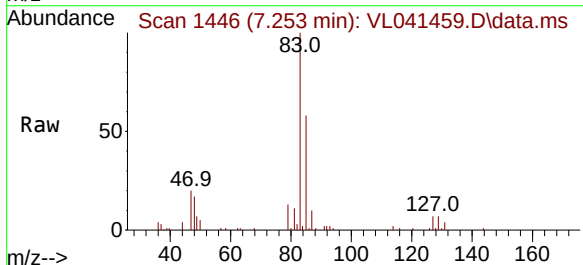
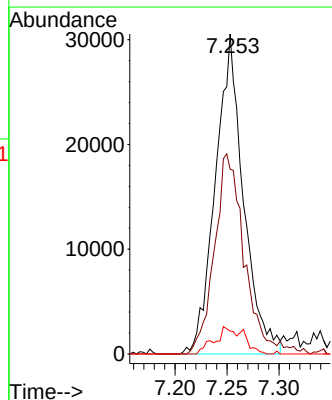
RT: 7.253 min Scan# 1446

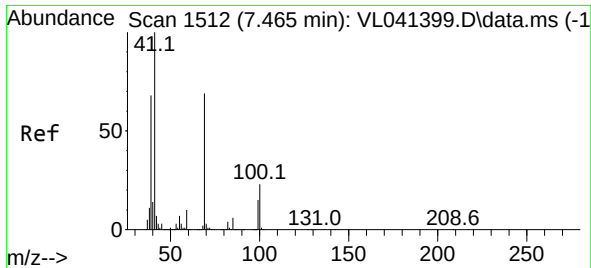
Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:	83	Resp:	57456
Ion Ratio	Lower	Upper	
83	100		
85	57.8	51.4	77.0
127	7.1	6.7	10.1





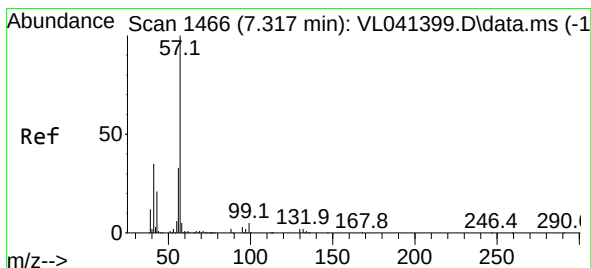
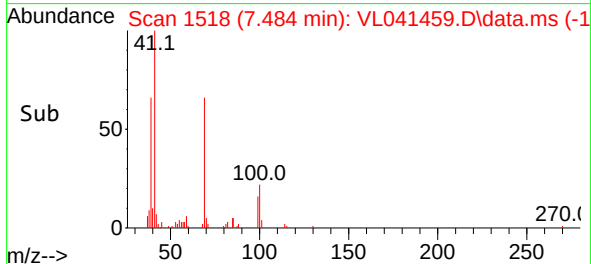
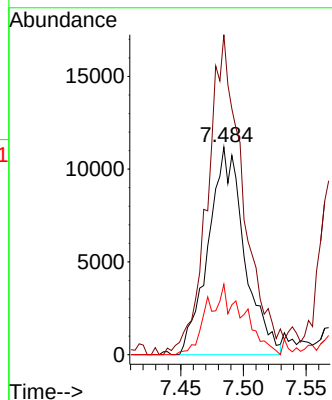
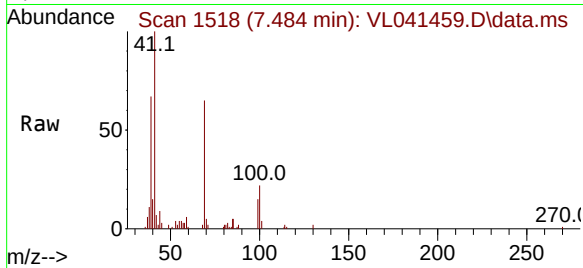
#43
Methyl Methacrylate
Concen: 0.315 ppbv m
RT: 7.484 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 69 Resp: 22395
Ion Ratio Lower Upper
69 100
41 151.3 118.7 178.1
100 33.6 27.0 40.4

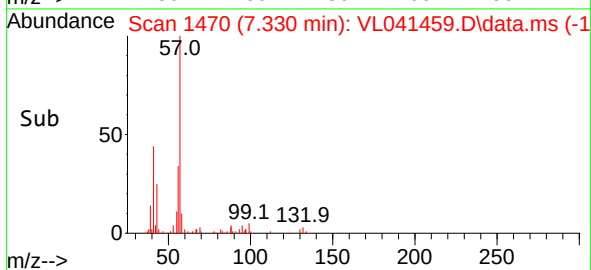
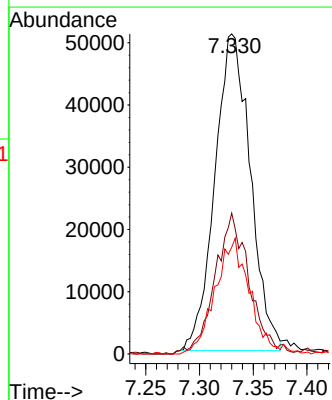
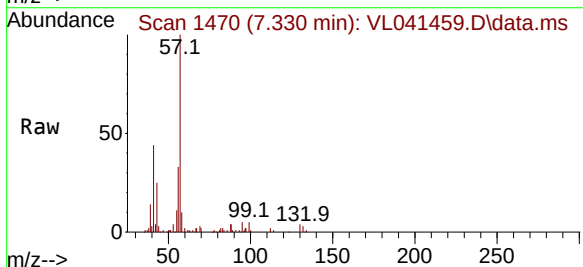
Manual Integrations
APPROVED

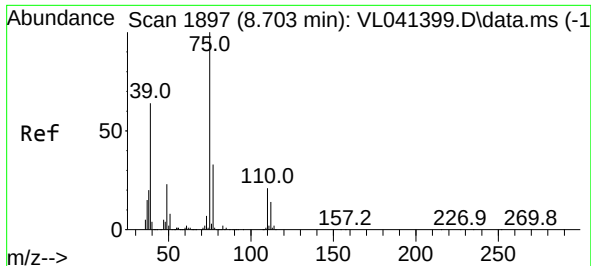
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#44
2,2,4-Trimethylpentane
Concen: 0.352 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 57 Resp: 116805
Ion Ratio Lower Upper
57 100
41 43.6 27.0 40.6#
56 35.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 0.224 ppbv m

RT: 8.716 min Scan# 1897

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 75 Resp: 1465

Ion Ratio Lower Upper

75 100

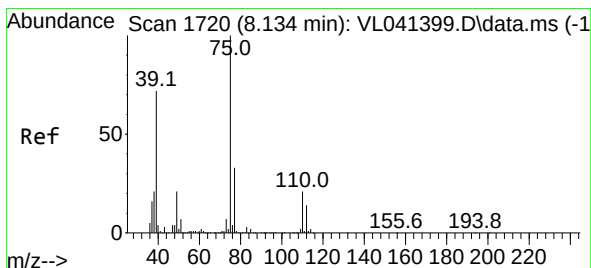
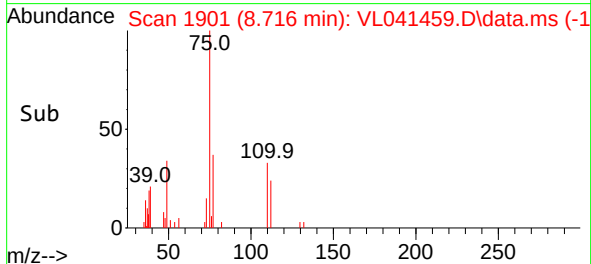
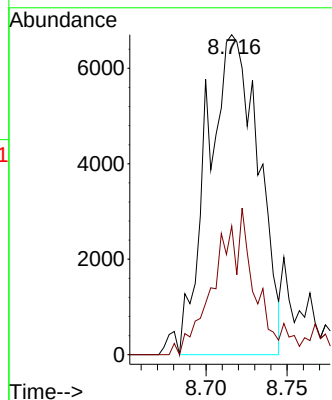
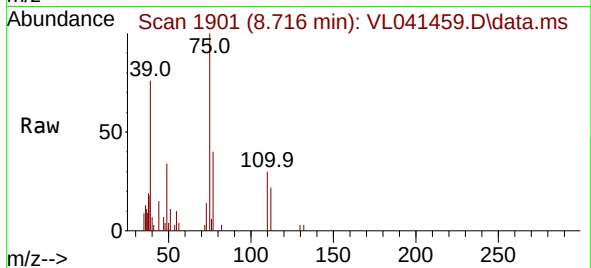
77 40.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#46

cis-1,3-Dichloropropene

Concen: 0.280 ppbv m

RT: 8.150 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

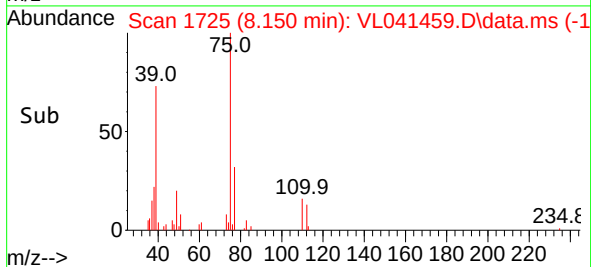
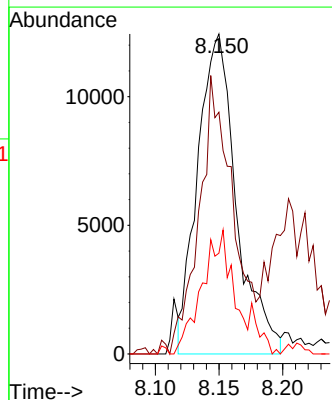
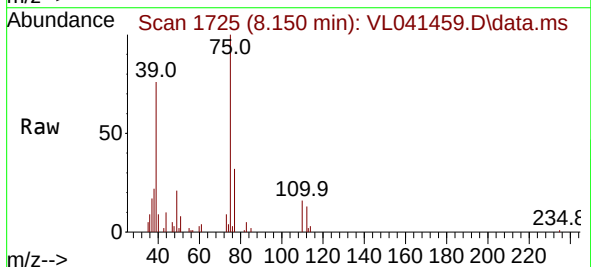
Tgt Ion: 75 Resp: 26451

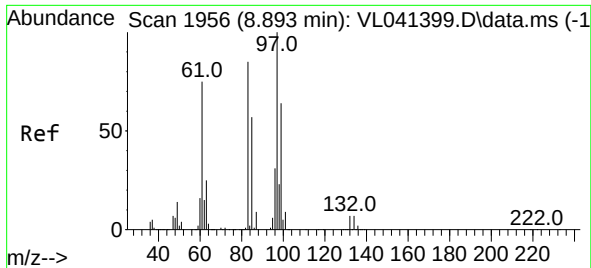
Ion Ratio Lower Upper

75 100

39 75.6 57.3 85.9

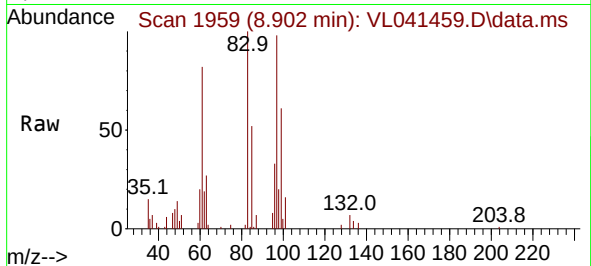
77 31.5 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 0.399 ppbv
RT: 8.902 min Scan# 1956
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

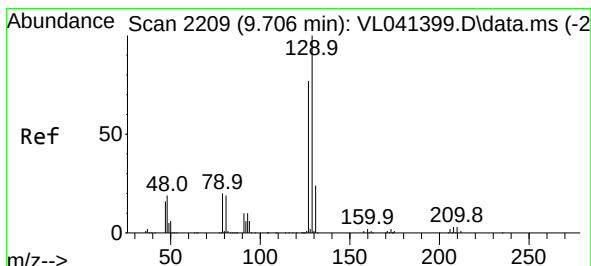
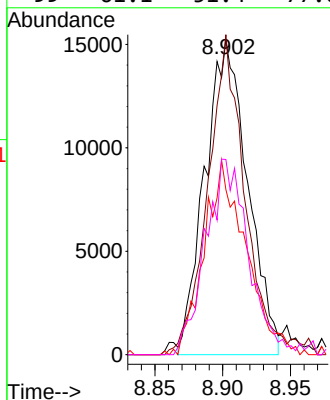
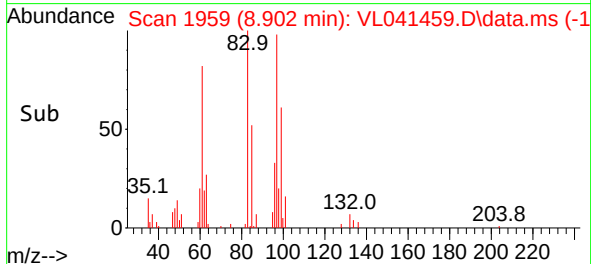
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 97 Resp: 3343
Ion Ratio Lower Upper
97 100
83 100.5 67.6 101.4
85 53.7 45.9 68.9
99 61.1 51.4 77.0

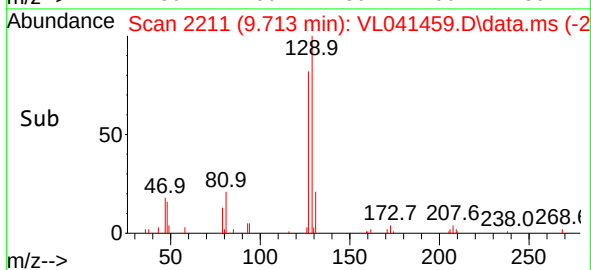
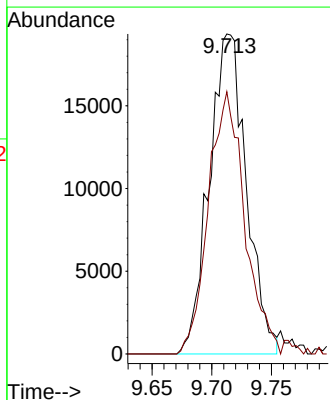
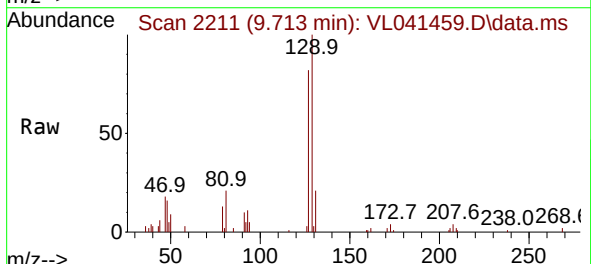
Manual Integrations
APPROVED

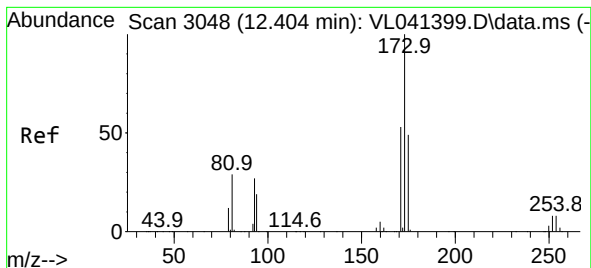
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#48
Dibromochloromethane
Concen: 0.310 ppbv m
RT: 9.713 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion:129 Resp: 41803
Ion Ratio Lower Upper
129 100
127 81.7 39.3 117.8





#49

Bromoform

Concen: 0.289 ppbv m

RT: 12.410 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

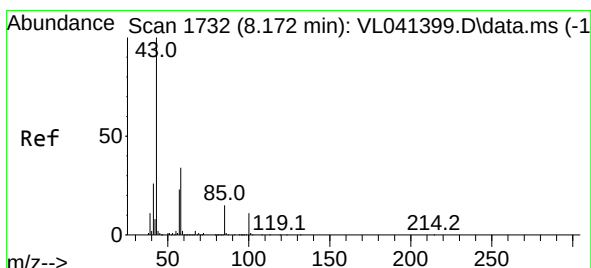
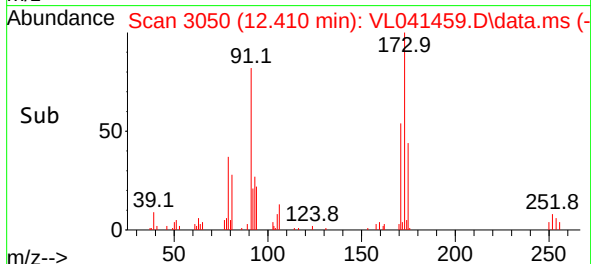
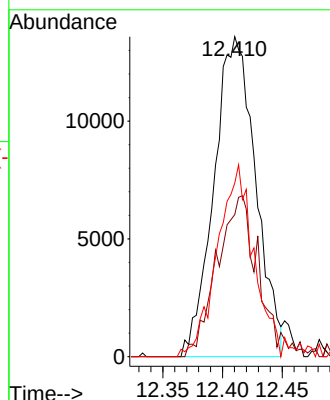
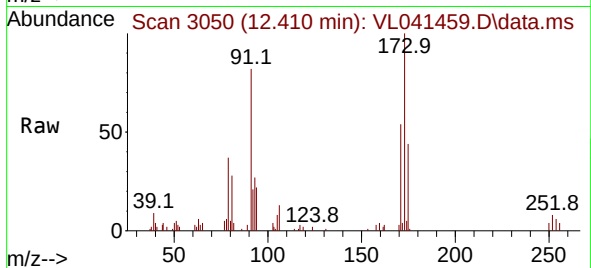
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:173	Resp:	3297
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.9
171	0.0	41.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 0.293 ppbv m

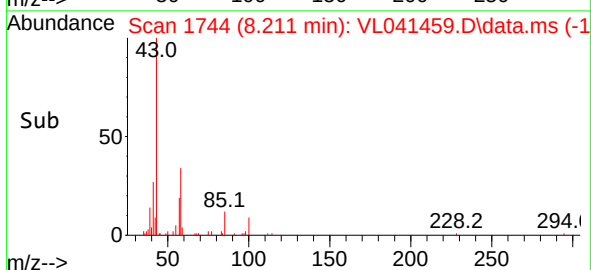
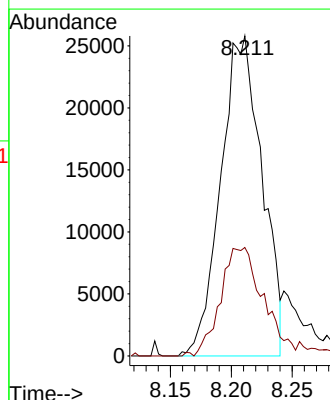
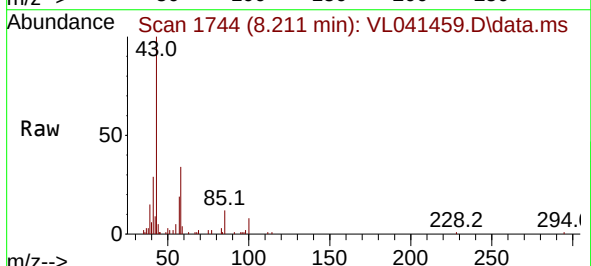
RT: 8.211 min Scan# 1744

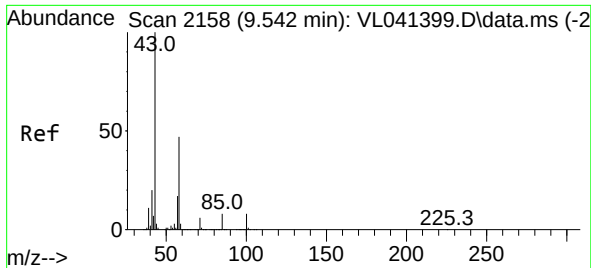
Delta R.T. 0.026 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

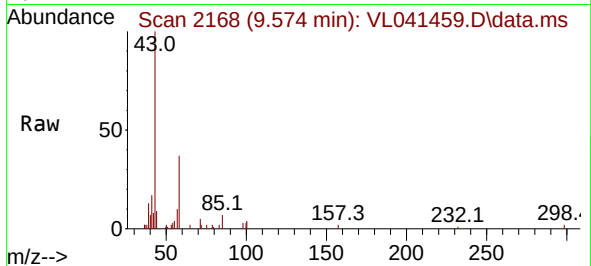
Tgt Ion: 43	Resp:	60714
Ion Ratio	Lower	Upper
43	100	
58	0.0	27.9





#51
2-Hexanone
Concen: 0.249 ppbv m
RT: 9.574 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

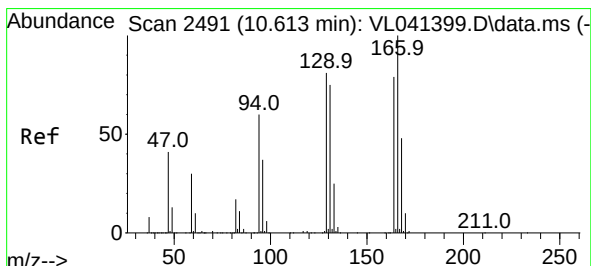
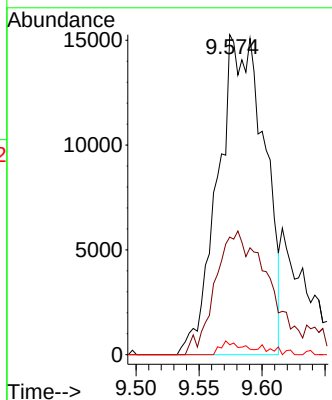
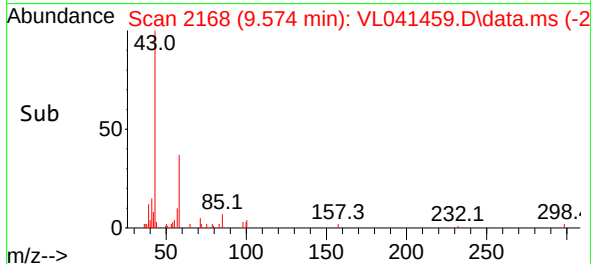
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 39030
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2
98 0.0 0.3 0.5

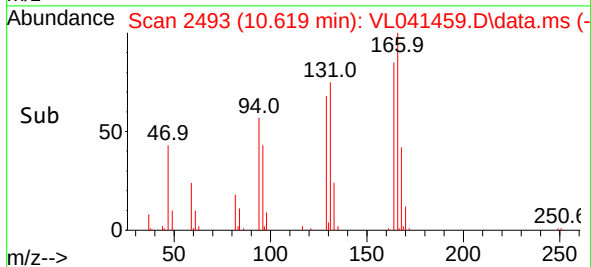
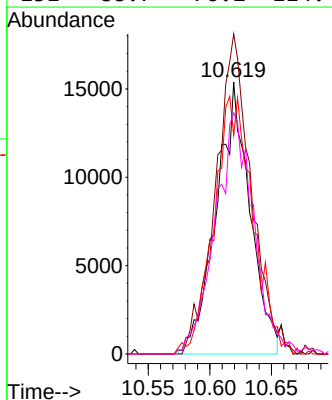
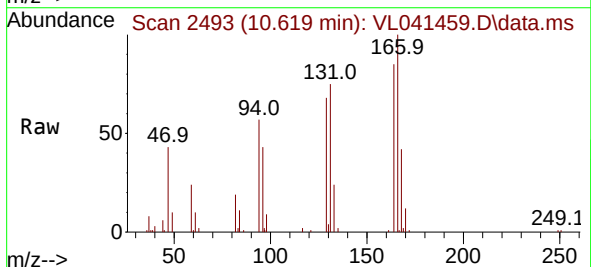
Manual Integrations
APPROVED

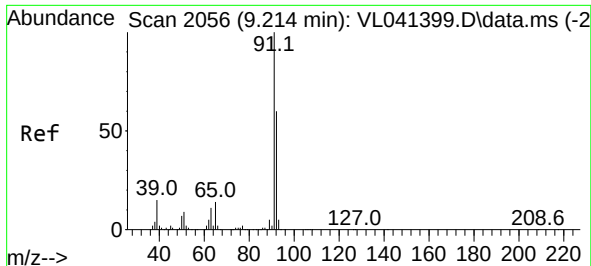
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#52
Tetrachloroethene
Concen: 0.382 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

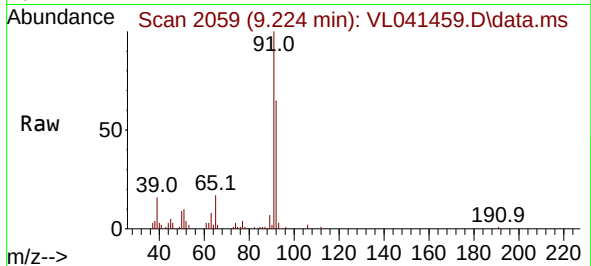
Tgt Ion:164 Resp: 29313
Ion Ratio Lower Upper
164 100
166 117.6 101.1 151.7
129 80.4 81.7 122.5#
131 88.7 76.2 114.4





#53
Toluene
Concen: 0.306 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

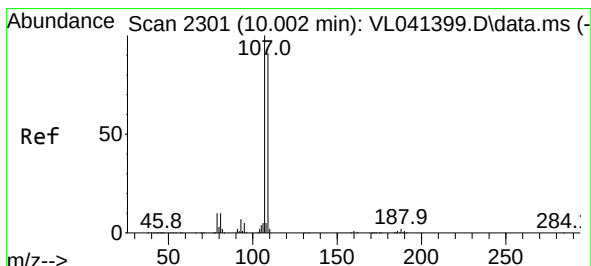
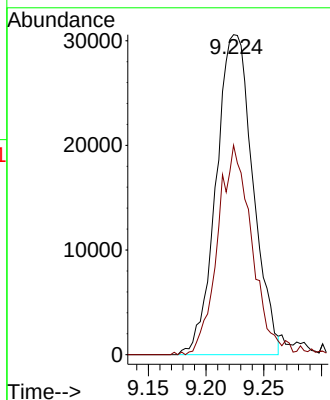
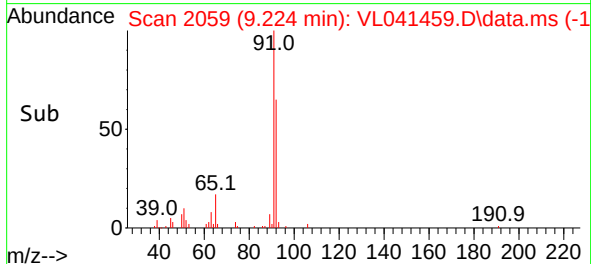
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2024



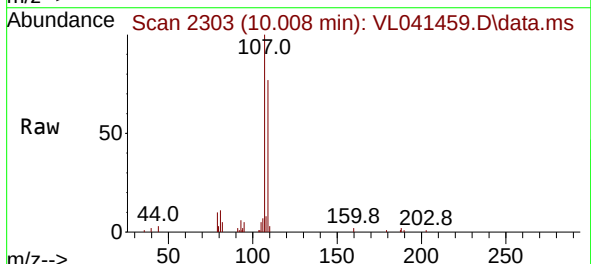
Tgt Ion: 91 Resp: 6774
Ion Ratio Lower Upper
91 100
92 62.0 48.7 73.1

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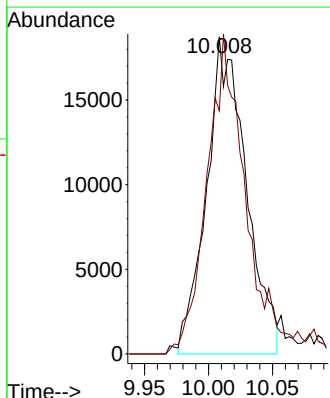
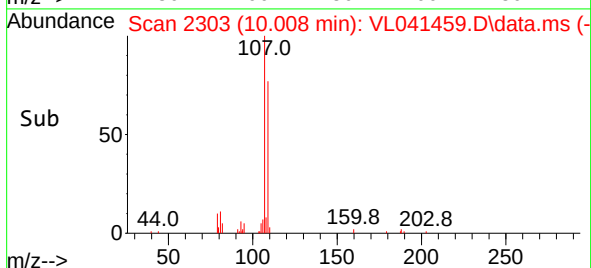
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

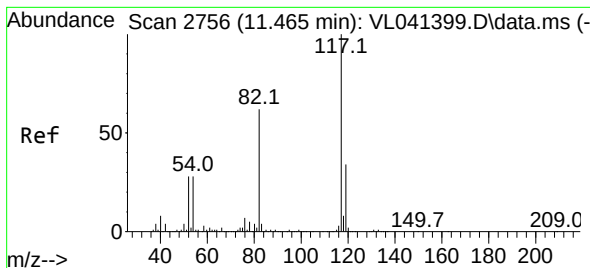


#54
1,2-Dibromoethane
Concen: 0.361 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



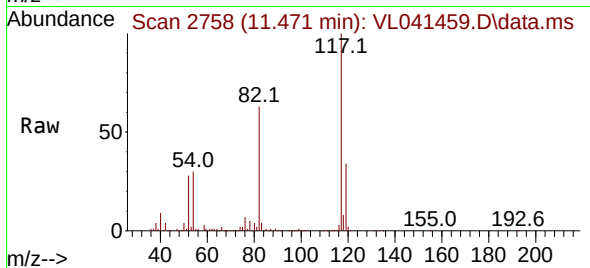
Tgt Ion:107 Resp: 40256
Ion Ratio Lower Upper
107 100
109 76.7 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

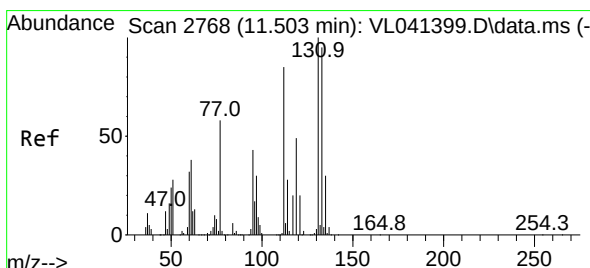
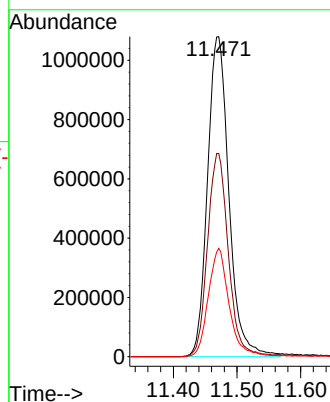
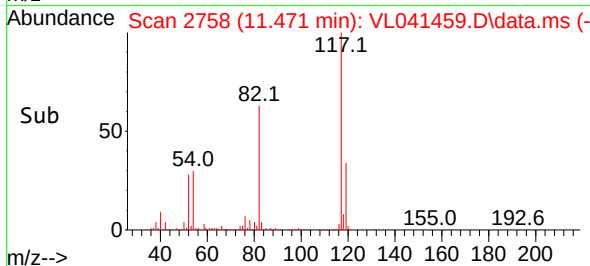
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:117 Resp: 252121
Ion Ratio Lower Upper
117 100
82 62.3 51.0 76.6
119 33.3 45.2 67.8

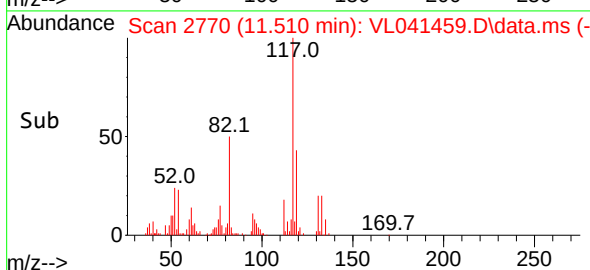
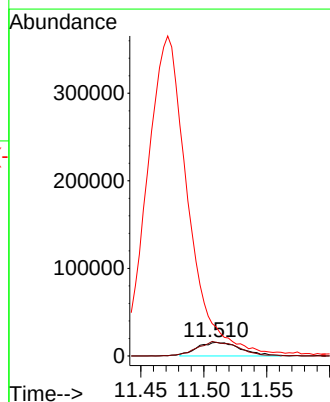
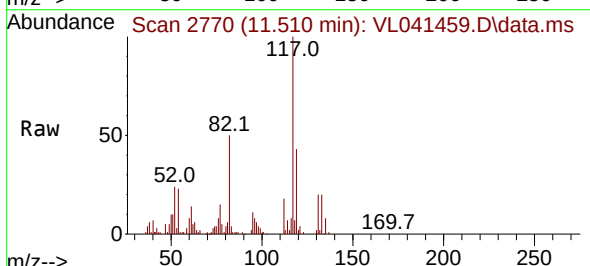
Manual Integrations
APPROVED

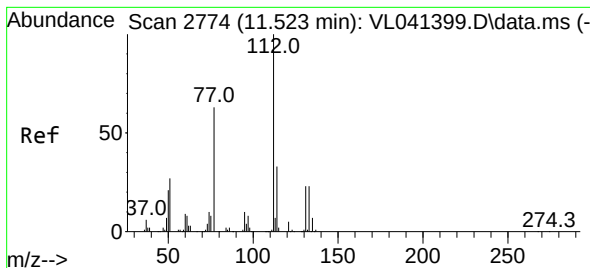
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.380 ppbv m
RT: 11.510 min Scan# 2770
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

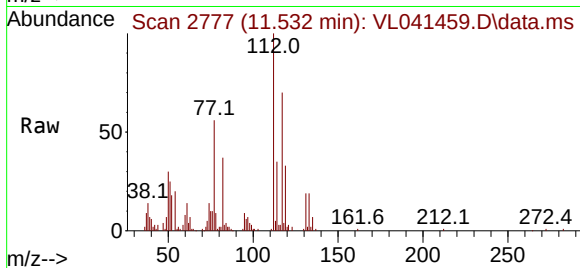
Tgt Ion:131 Resp: 37108
Ion Ratio Lower Upper
131 100
133 102.8 77.0 115.4
119 0.0 121.5 182.3





#57
Chlorobenzene
Concen: 0.428 ppbv m
RT: 11.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

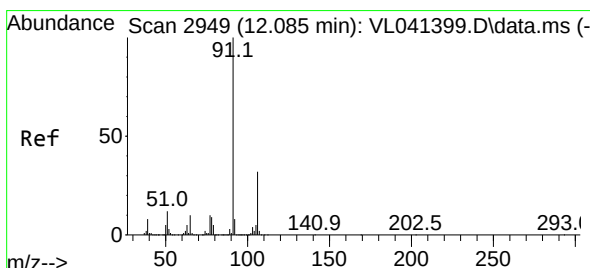
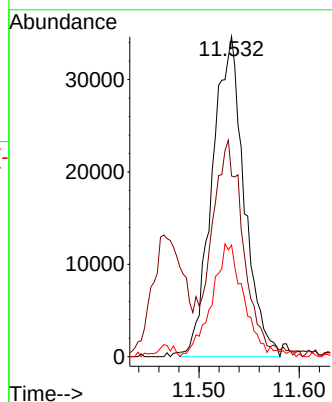
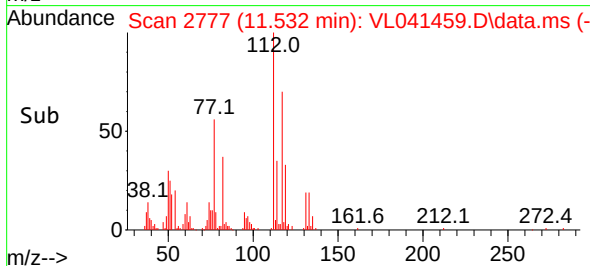
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



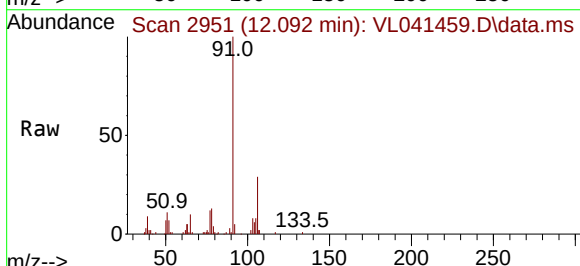
Tgt Ion:112 Resp: 7680
Ion Ratio Lower Upper
112 100
77 56.5 51.1 76.7
114 34.9 29.5 36.1

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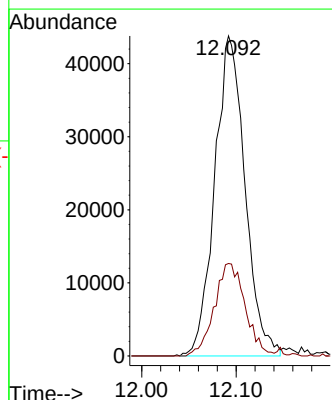
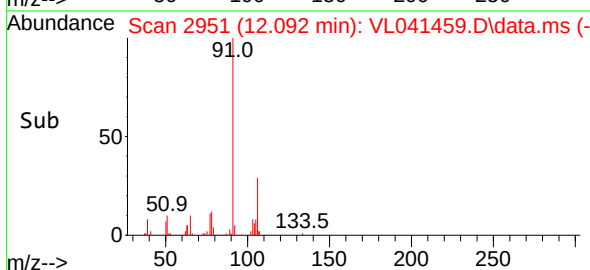
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

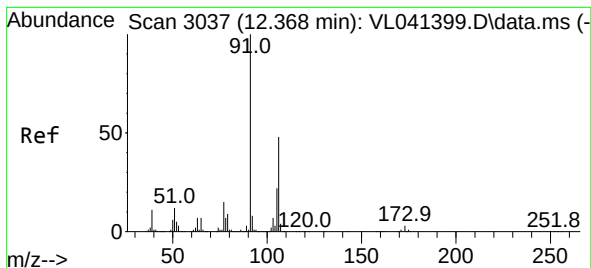


#58
Ethyl Benzene
Concen: 0.335 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



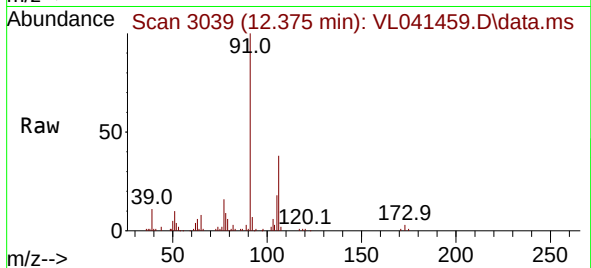
Tgt Ion: 91 Resp: 97399
Ion Ratio Lower Upper
91 100
106 28.9 25.8 38.8





#59
m/p-Xylene
Concen: 0.677 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

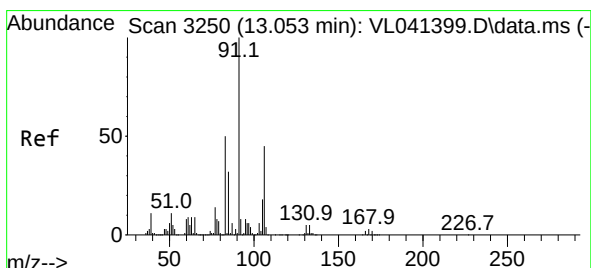
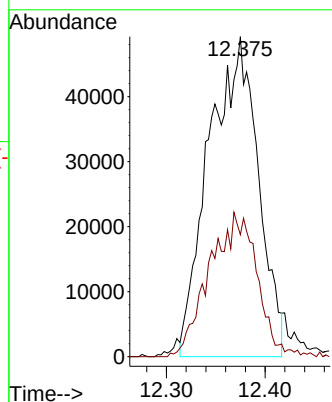
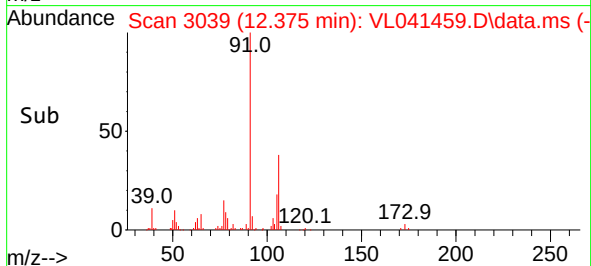
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



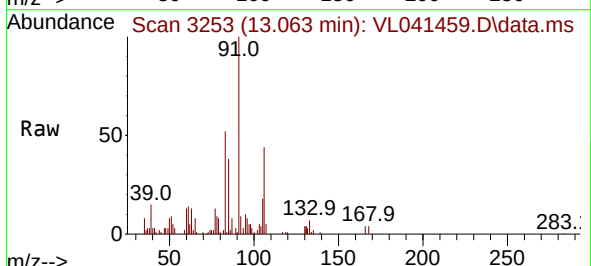
Tgt Ion: 91 Resp: 16992
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5

Manual Integrations
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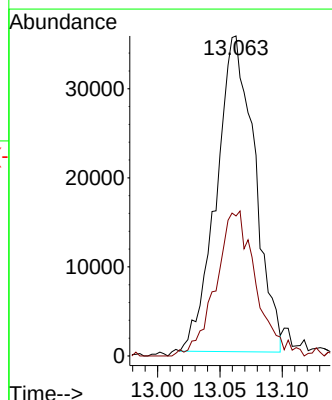
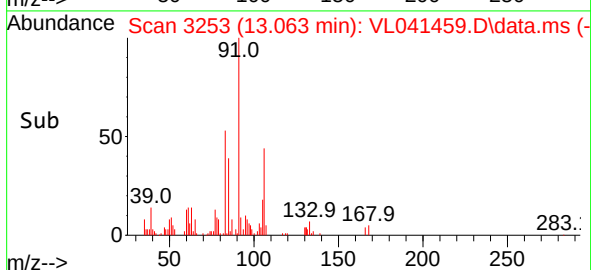
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

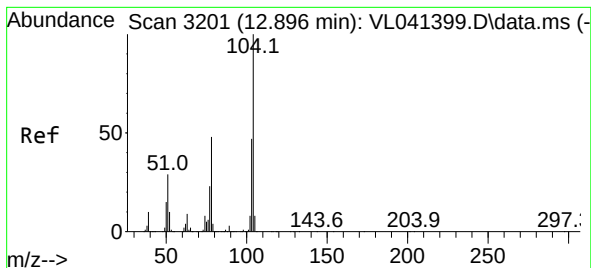


#60
o-Xylene
Concen: 0.320 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



Tgt Ion: 91 Resp: 75966
Ion Ratio Lower Upper
91 100
106 48.4 23.1 69.3





#61

Styrene

Concen: 0.251 ppbv m

RT: 12.896 min Scan# 3201

Delta R.T. -0.010 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

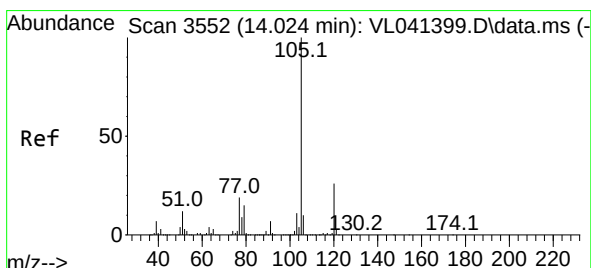
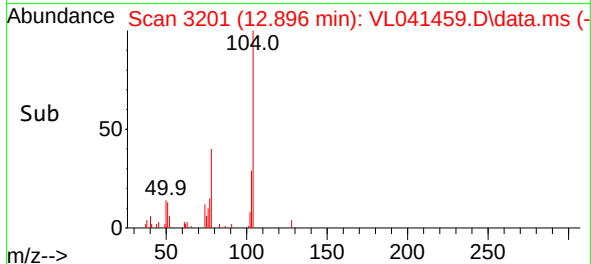
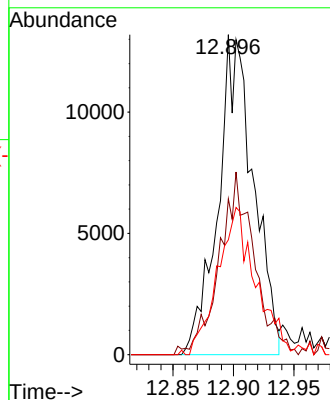
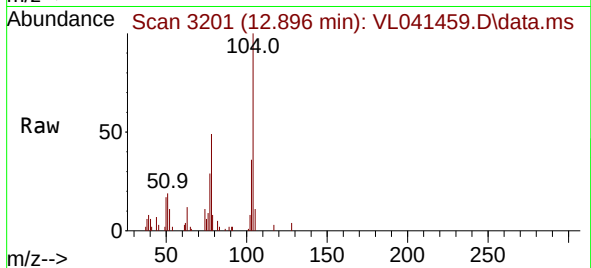
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:104	Resp:	26918
Ion Ratio	Lower	Upper
104	100	
78	57.0	40.8 61.2
103	51.0	38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#62

Isopropylbenzene

Concen: 0.364 ppbv

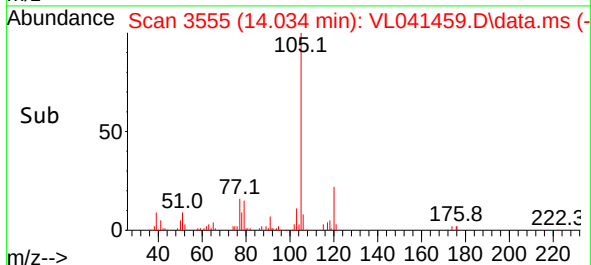
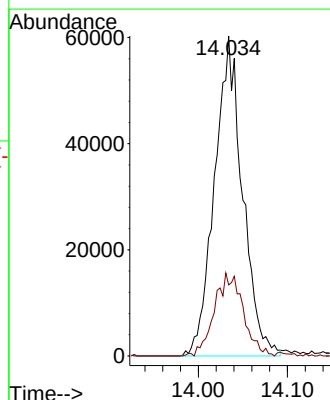
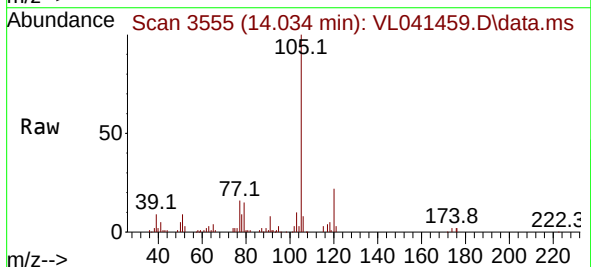
RT: 14.034 min Scan# 3555

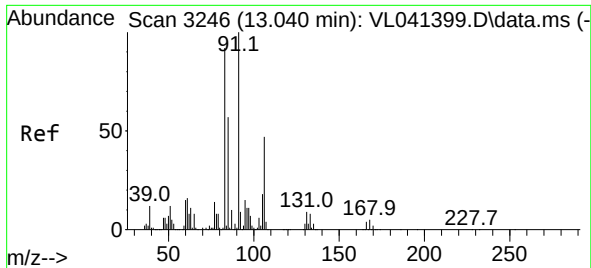
Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

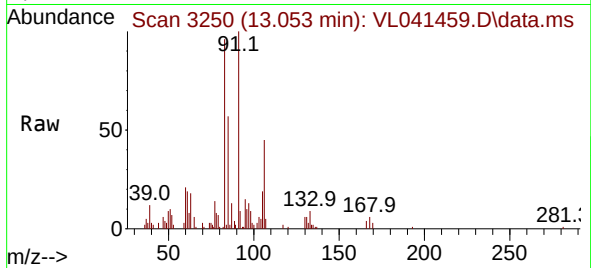
Tgt Ion:105	Resp:	131414
Ion Ratio	Lower	Upper
105	100	
120	27.2	21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 0.416 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

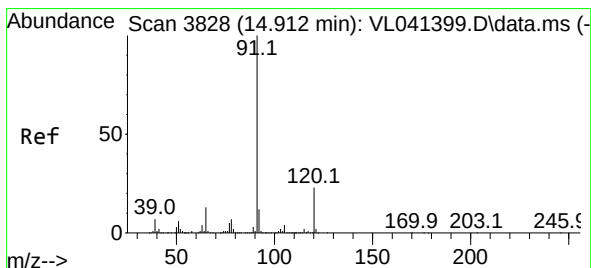
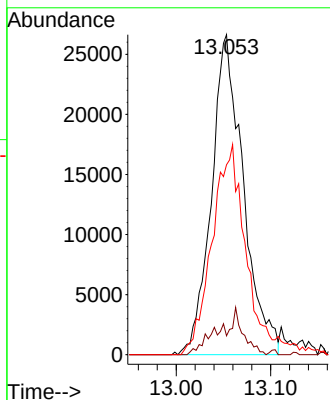
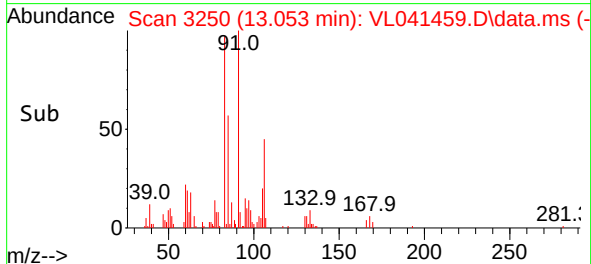
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



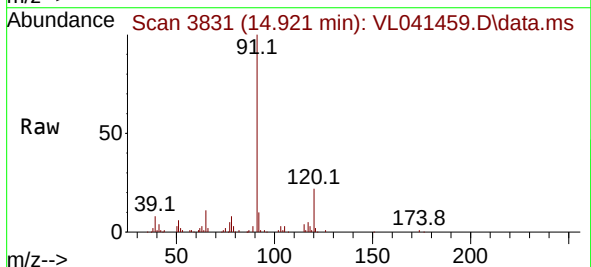
Tgt Ion: 83 Resp: 62319
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.4
85 71.5 32.6 98.0

Manual Integrations
APPROVED

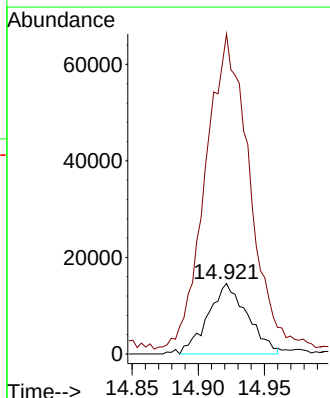
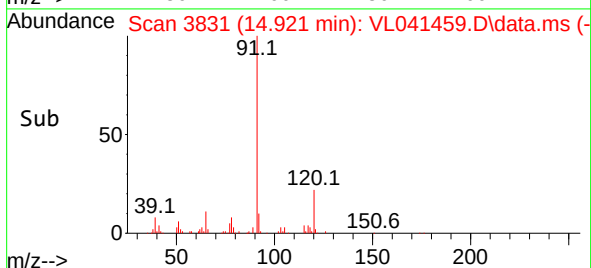
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

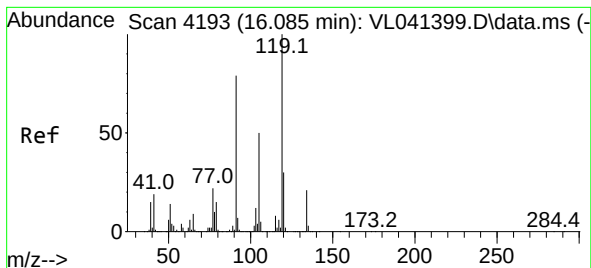


#64
n-propylbenzene
Concen: 0.321 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



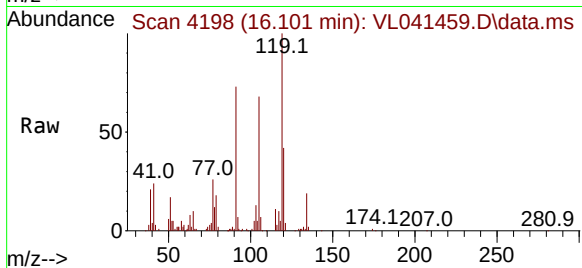
Tgt Ion:120 Resp: 30254
Ion Ratio Lower Upper
120 100
91 544.9 361.4 542.0#





#65
tert-Butylbenzene
Concen: 0.326 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

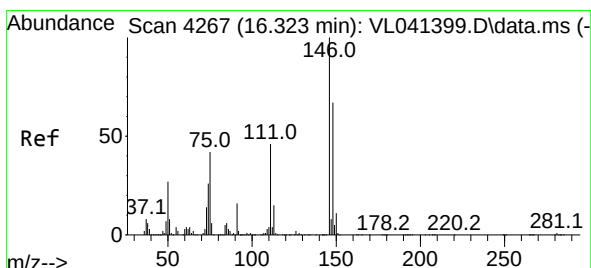
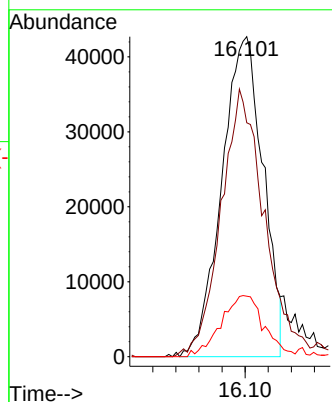
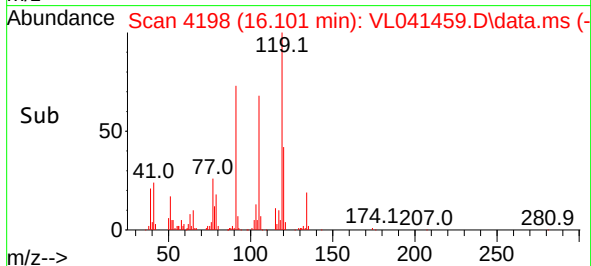
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



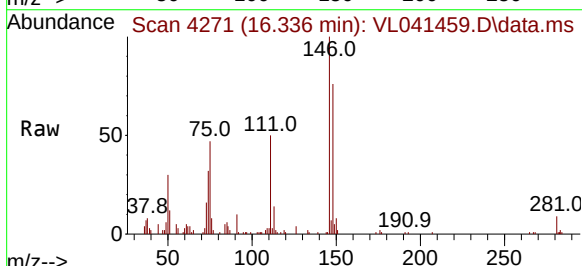
Tgt Ion: 119 Resp: 106094
Ion Ratio Lower Upper
119 100
91 90.0 64.2 96.2
134 20.8 15.7 23.5

Manual Integrations
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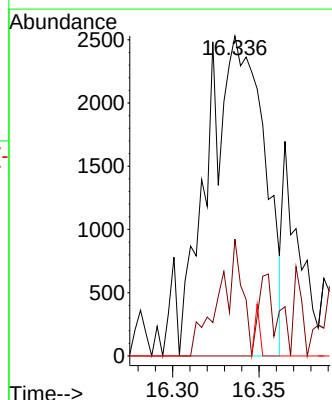
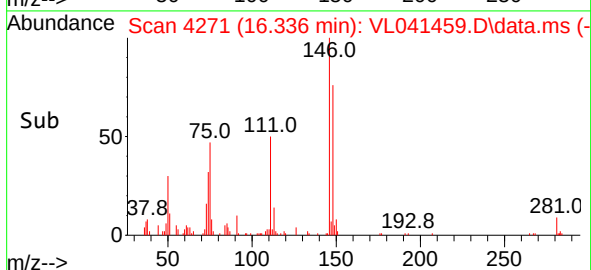
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

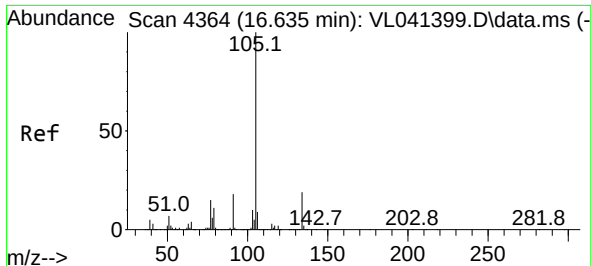


#66
Benzyl Chloride
Concen: 0.274 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14



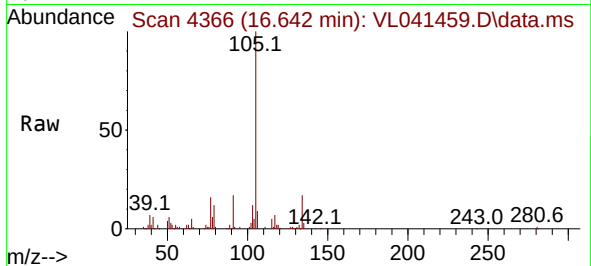
Tgt Ion: 91 Resp: 5719
Ion Ratio Lower Upper
91 100
126 15.1 13.8 20.8
128 0.0 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 0.358 ppbv m
 RT: 16.642 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

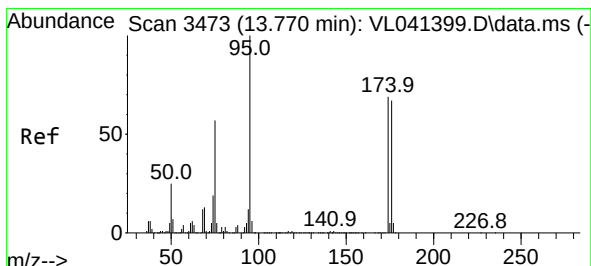
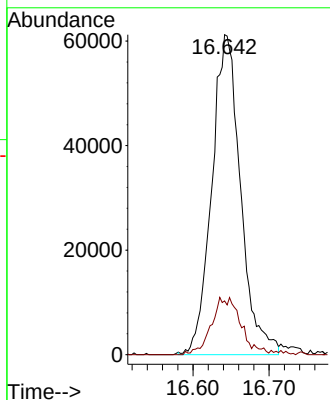
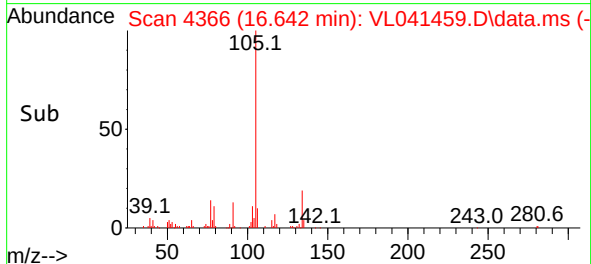
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion:105 Resp: 16094
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.5 21.7

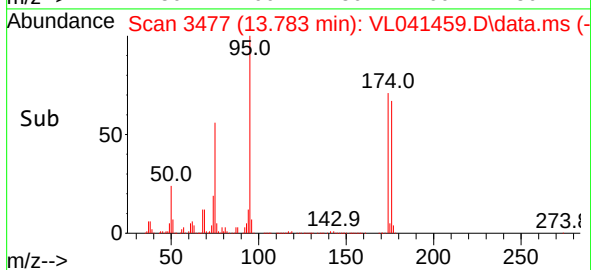
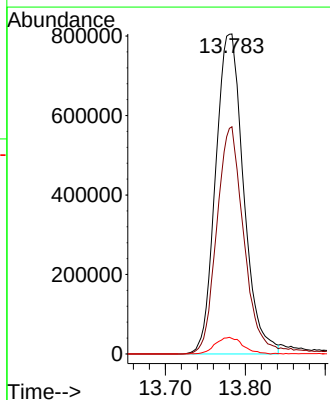
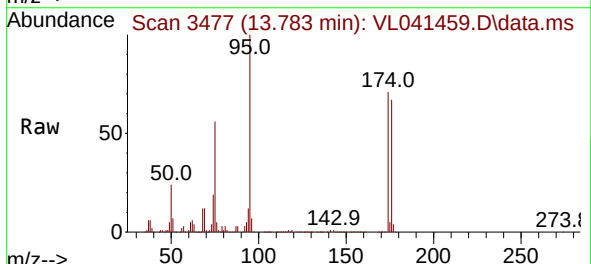
Manual Integrations
 APPROVED

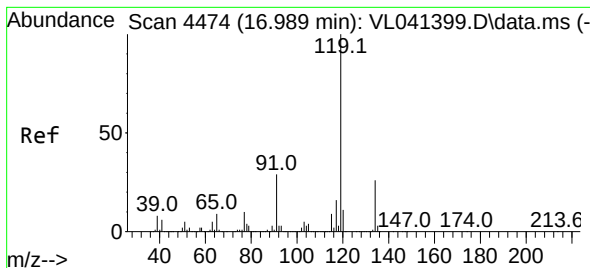
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.082 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL041459.D
 Acq: 31 Jul 2024 12:14

Tgt Ion: 95 Resp: 1956162
 Ion Ratio Lower Upper
 95 100
 174 71.2 56.3 84.5
 175 5.1 4.0 6.0





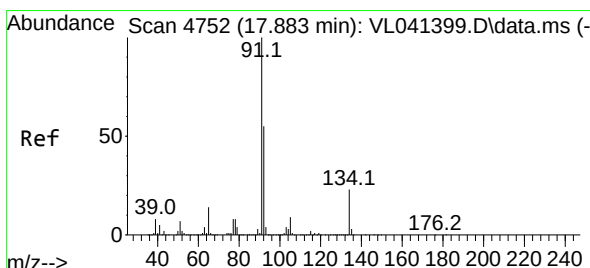
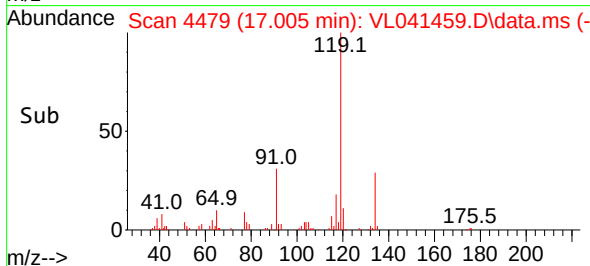
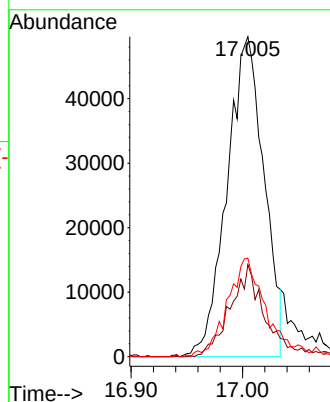
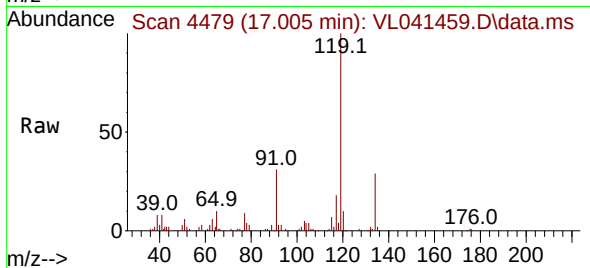
#69
p-Isopropyltoluene
Concen: 0.307 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:119 Resp: 114318
Ion Ratio Lower Upper
119 100
134 27.4 20.5 30.7
91 32.7 23.2 34.8

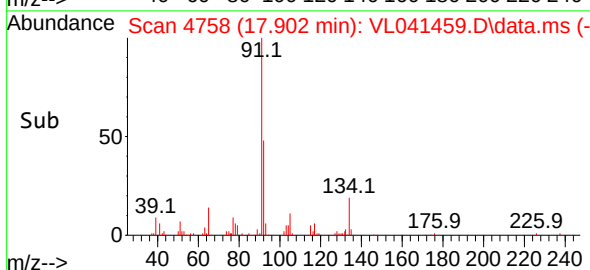
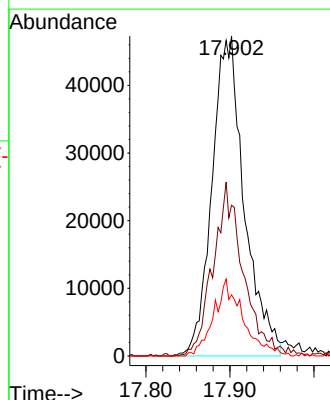
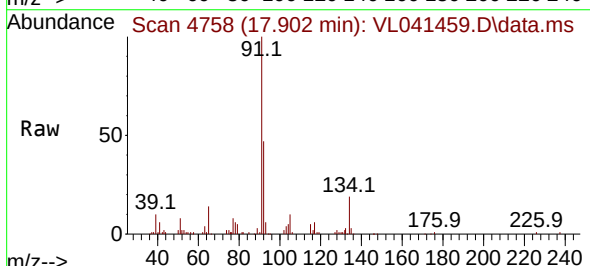
Manual Integrations
APPROVED

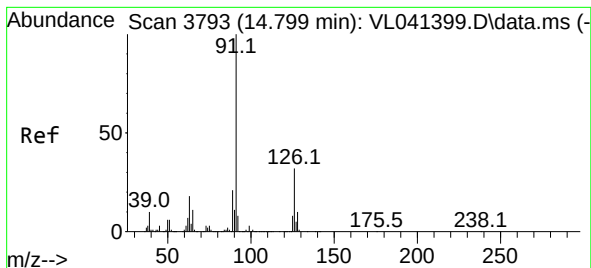
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#70
n-Butylbenzene
Concen: 0.330 ppbv m
RT: 17.902 min Scan# 4758
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 91 Resp: 126045
Ion Ratio Lower Upper
91 100
92 51.7 43.2 64.8
134 22.0 18.5 27.7





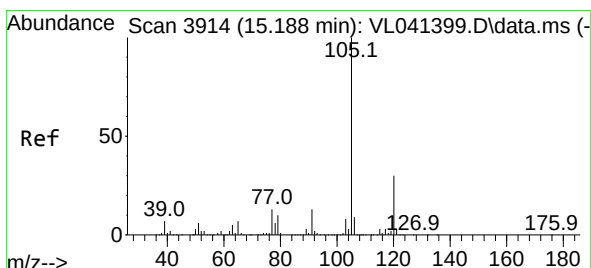
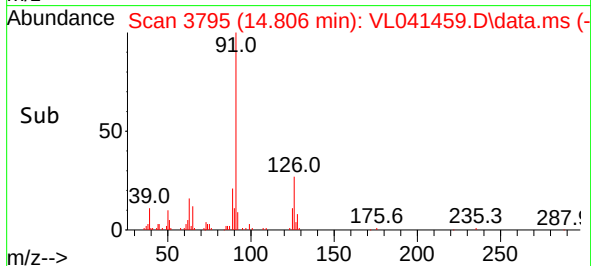
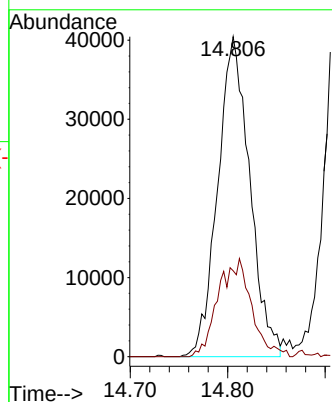
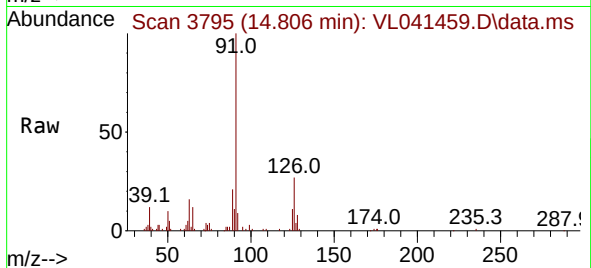
#71
2-Chlorotoluene
Concen: 0.347 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 91 Resp: 9227
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9

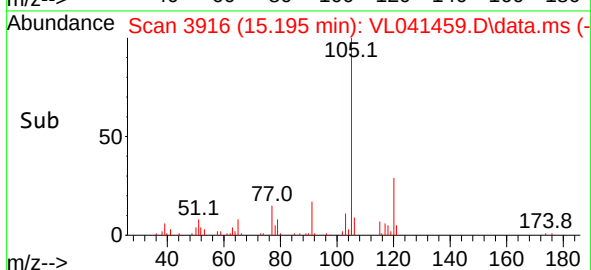
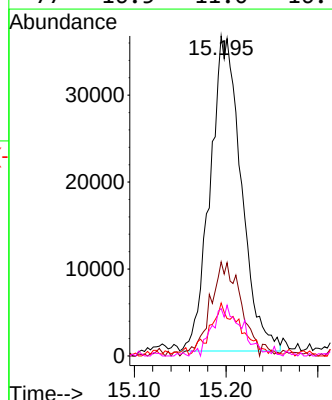
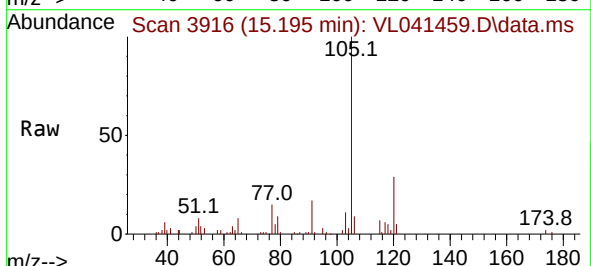
Manual Integrations
APPROVED

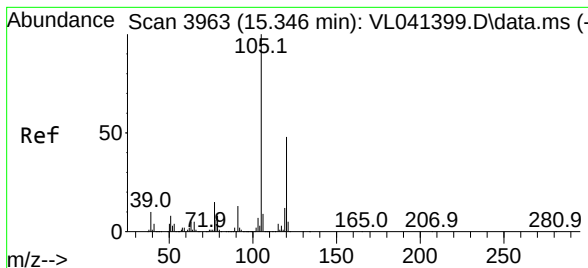
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#72
4-Ethyltoluene
Concen: 0.306 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Tgt Ion:105 Resp: 85510
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 14.9 10.4 15.6
77 16.5 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.309 ppbv

RT: 15.362 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion:105 Resp: 7442

Ion Ratio Lower Upper

105 100

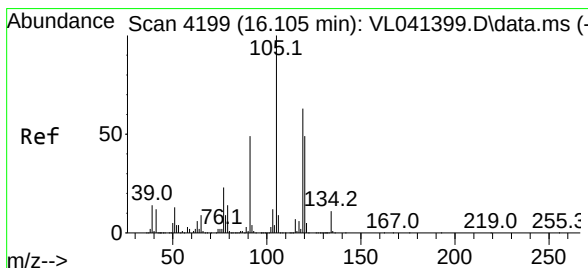
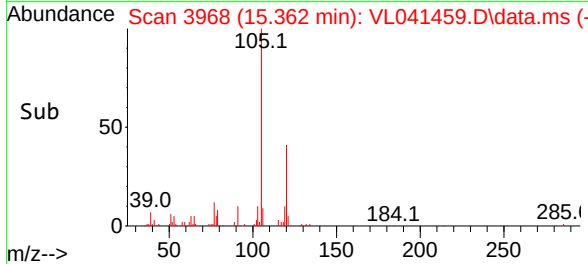
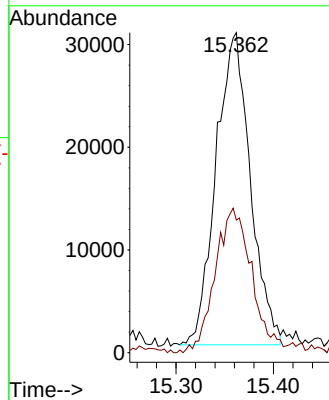
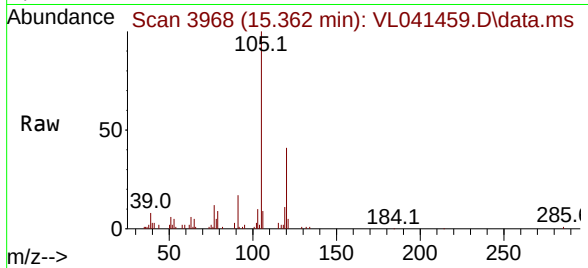
120 41.7 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.352 ppbv m

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:105 Resp: 98594

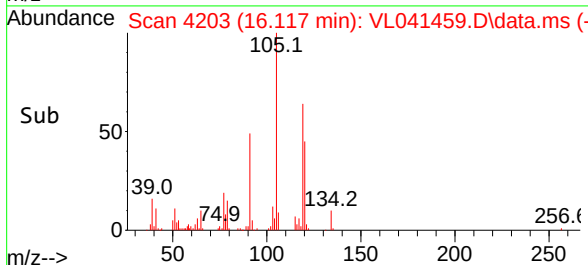
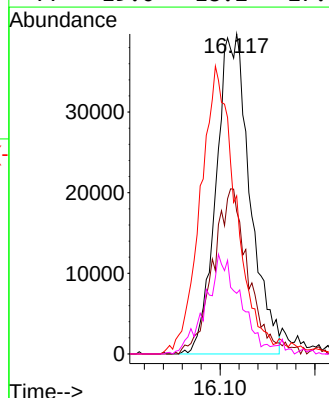
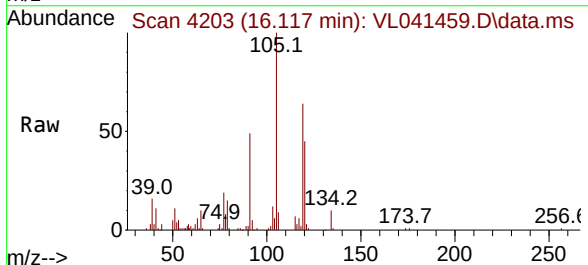
Ion Ratio Lower Upper

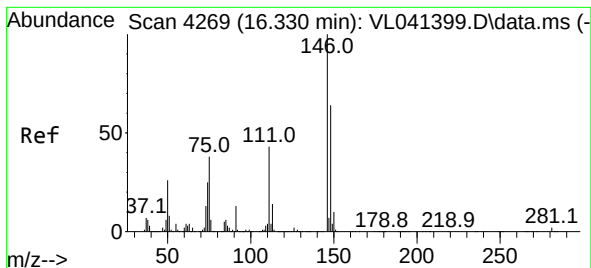
105 100

120 44.6 39.5 59.3

91 49.4 39.8 59.8

77 19.0 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 0.356 ppbv m

RT: 16.339 min Scan# 4315

Delta R.T. 0.000 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

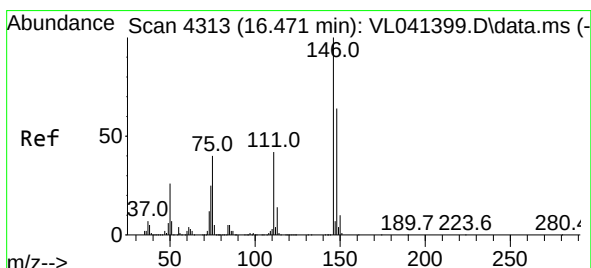
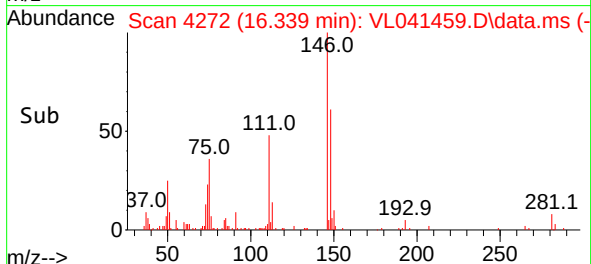
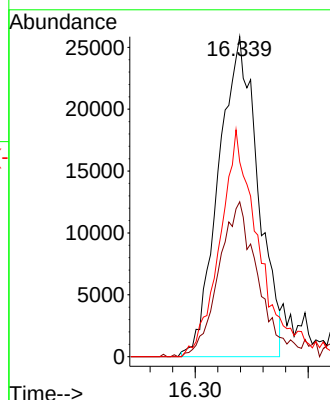
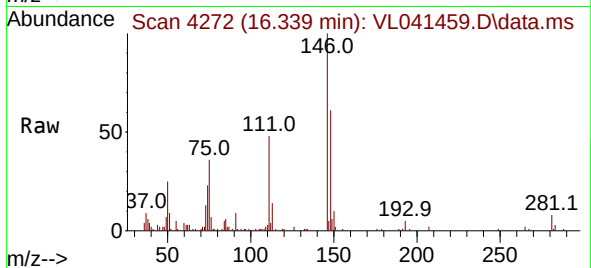
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:146	Resp:	62702
Ion Ratio	Lower	Upper
146	100	
111	50.8	22.6 67.8
148	71.8	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#76

1,4-Dichlorobenzene

Concen: 0.332 ppbv

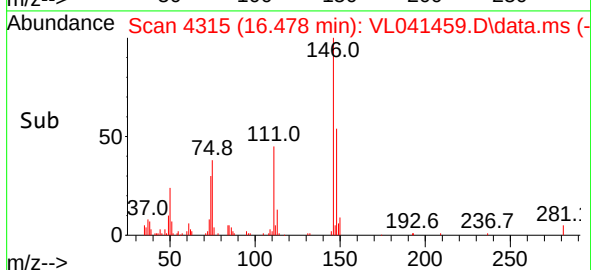
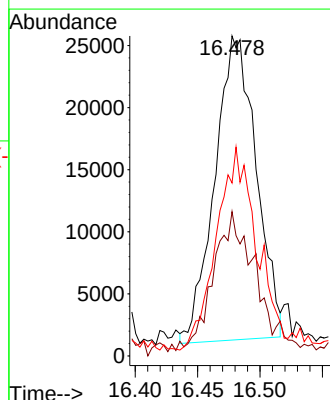
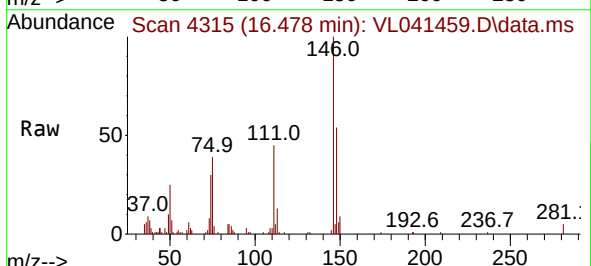
RT: 16.478 min Scan# 4315

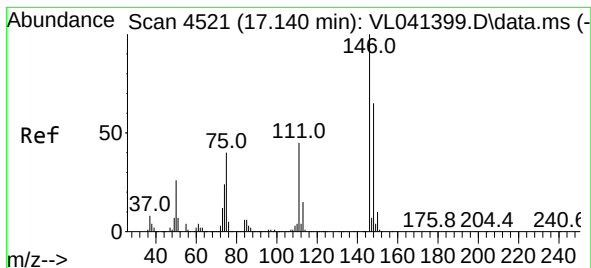
Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Tgt Ion:146	Resp:	56542
Ion Ratio	Lower	Upper
146	100	
111	54.1	22.4 67.0
148	76.6	33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.377 ppbv m

RT: 17.146 min Scan# 4521

Delta R.T. -0.003 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

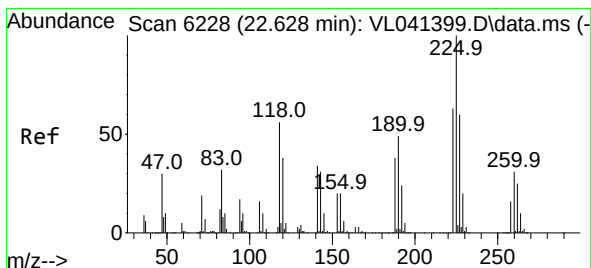
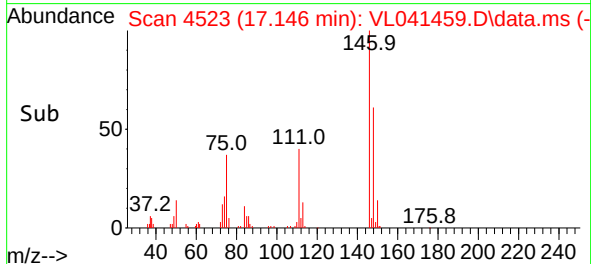
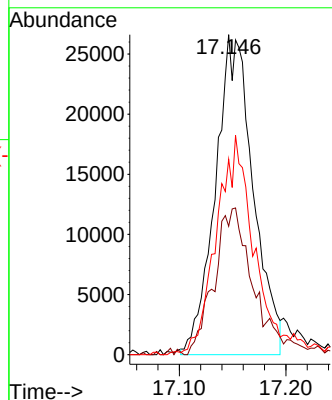
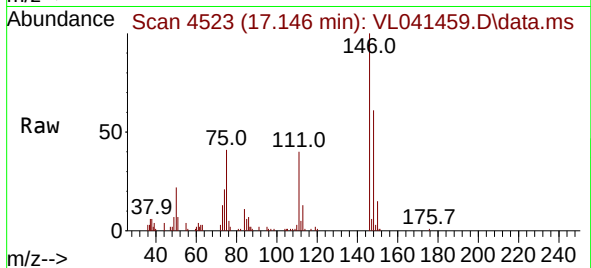
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:146	Resp:	65800
Ion Ratio	Lower	Upper
146	100	
111	49.0	23.4 70.0
148	71.2	32.2 96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.432 ppbv m

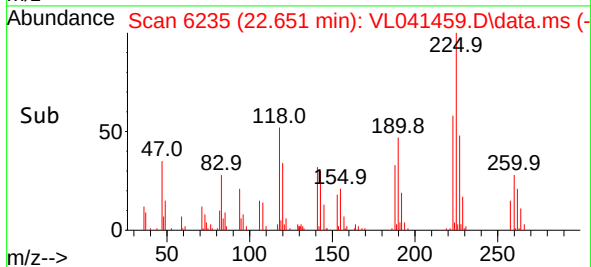
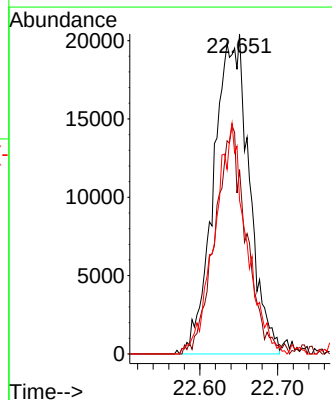
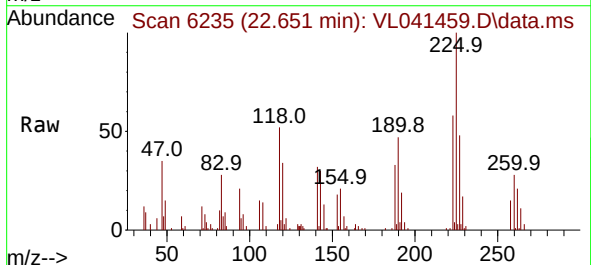
RT: 22.651 min Scan# 6235

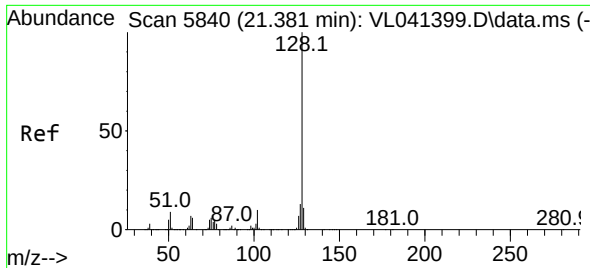
Delta R.T. 0.013 min

Lab File: VL041459.D

Acq: 31 Jul 2024 12:14

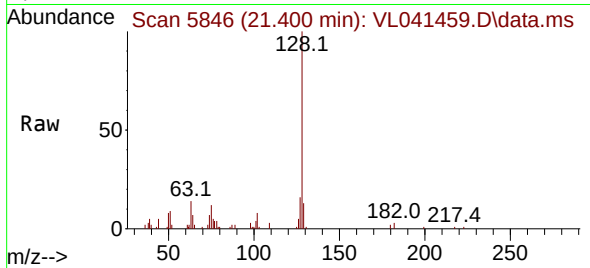
Tgt Ion:225	Resp:	64298
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.6 76.0#
227	0.0	50.8 76.2#





#79
Naphthalene
Concen: 0.254 ppbv m
RT: 21.400 min Scan# 5846
Delta R.T. 0.010 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

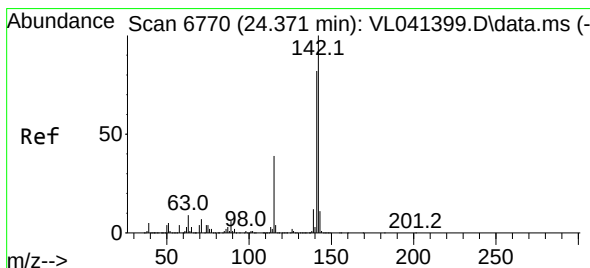
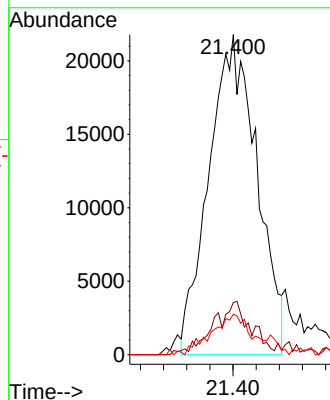
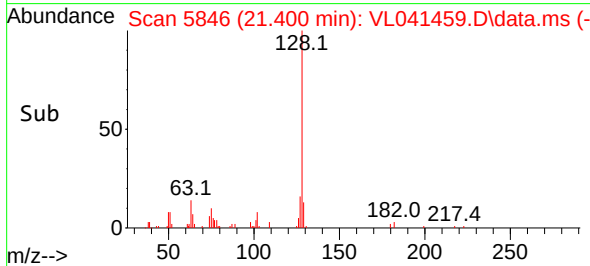
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:128 Resp: 6262
Ion Ratio Lower Upper
128 100
127 16.3 10.3 15.5
129 12.7 9.0 13.4

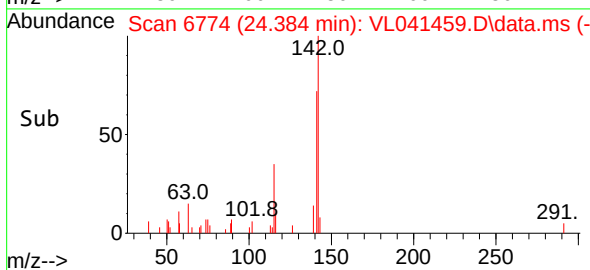
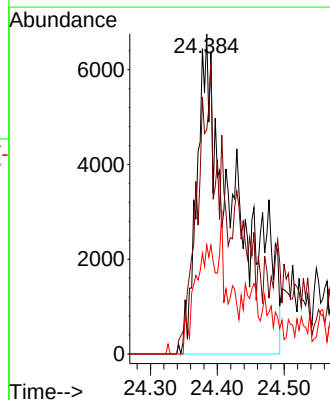
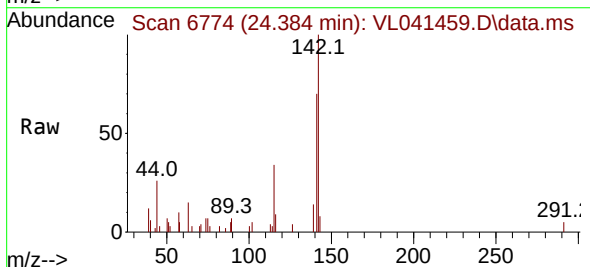
Manual Integrations
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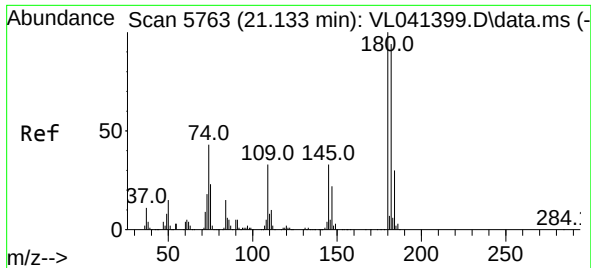
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#80
Naphthalene,2-methyl-
Concen: 0.130 ppbv m
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

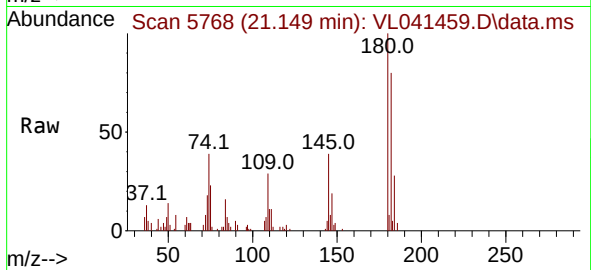
Tgt Ion:142 Resp: 26903
Ion Ratio Lower Upper
142 100
141 53.8 67.0 100.4#
115 0.0 32.2 48.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.313 ppbv m
RT: 21.149 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041459.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:180 Resp: 45964
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 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

