

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041085.D
 Acq On : 11 Mar 2024 13:00
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:50:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1447474	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3708598	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3320277	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2648169 10.201 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	143814	0.521	ppbv	95
3) Chlorodifluoromethane	2.671	51	112247	0.528	ppbv	96
4) Chloromethane	2.809	50	42688	0.531	ppbv	95
5) Vinyl Chloride	2.922	62	41556	0.508	ppbv #	87
6) Bromomethane	3.118	94	15987	0.492	ppbv	82
7) Chloroethane	3.198	64	14942m	0.519	ppbv	
8) Dichlorotetrafluoroethane	2.851	85	104327	0.521	ppbv	98
9) Propene	2.693	41	35473	0.501	ppbv	93
10) Heptane	7.590	43	79593	0.470	ppbv	97
11) Trichlorofluoromethane	3.565	101	108833	0.512	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.070	101	82415	0.527	ppbv	100
13) Ethanol	3.259	45	11735m	0.655	ppbv	
14) Bromoethene	3.365	108	30791	0.505	ppbv #	93
15) Acetone	3.484	43	92027	0.558	ppbv	97
16) 1,3-Butadiene	2.983	39	36200	0.466	ppbv	91
17) tert-Butyl alcohol	3.899	59	62399	0.509	ppbv	99
18) 1,1-Dichloroethene	3.880	96	35916	0.522	ppbv	88
19) Isopropyl Alcohol	3.594	45	45571	0.517	ppbv	100
20) Methylene Chloride	3.941	84	39444	0.614	ppbv	85
21) Allyl Chloride	4.002	41	48715	0.523	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	33083	0.404	ppbv	97
23) Vinyl Acetate	4.642	43	77840m	0.425	ppbv	
24) 1,1-Dichloroethane	4.571	63	70290	0.417	ppbv	99
25) Ethyl Acetate	5.221	43	141461	0.476	ppbv #	97
26) Hexane	5.221	57	66763m	0.501	ppbv	
27) Carbon Disulfide	4.127	76	71306	0.448	ppbv #	89
28) Methyl tert-Butyl Ether	4.607	73	50447	0.430	ppbv	95
29) Chloroform	5.279	83	109139	0.476	ppbv	85
30) Cyclohexane	6.610	84	60276m	0.553	ppbv	
31) cis-1,2-Dichloroethene	5.082	61	57894	0.449	ppbv	95
32) 1,1,1-Trichloroethane	6.012	97	100532	0.490	ppbv	92
34) 2-Butanone	4.799	43	86046m	0.467	ppbv	
35) Carbon Tetrachloride	6.507	117	107554m	0.498	ppbv	
36) Benzene	6.375	78	132588	0.480	ppbv #	92
37) 1,2-Dichloroethane	5.819	62	80242	0.483	ppbv #	95
38) Trichloroethene	7.304	130	48804	0.474	ppbv	93
39) 1,2-Dichloropropane	7.082	63	55989m	0.507	ppbv	
40) 1,4-Dioxane	7.330	88	20544m	0.472	ppbv	
41) Tetrahydrofuran	5.590	42	54899m	0.503	ppbv	
42) Bromodichloromethane	7.259	83	110283	0.463	ppbv	91
43) Methyl Methacrylate	7.494	69	45004m	0.422	ppbv	
44) 2,2,4-Trimethylpentane	7.343	57	221630m	0.480	ppbv	
45) t-1,3-Dichloropropene	8.722	75	26152m	0.353	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:50:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	38973m	0.422	ppbv	
47) 1,1,2-Trichloroethane	8.918	97	59997m	0.508	ppbv	
48) Dibromochloromethane	9.722	129	82864m	0.431	ppbv	
49) Bromoform	12.420	173	59717	0.391	ppbv	98
50) 4-Methyl-2-Pentanone	8.211	43	112325	0.415	ppbv	96
51) 2-Hexanone	9.594	43	82180m	0.410	ppbv	
52) Tetrachloroethene	10.629	164	44989m	0.524	ppbv	
53) Toluene	9.237	91	126110	0.424	ppbv	99
54) 1,2-Dibromoethane	10.024	107	70272m	0.464	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.519	131	71930m	0.506	ppbv	
57) Chlorobenzene	11.536	112	115492	0.486	ppbv #	85
58) Ethyl Benzene	12.105	91	173860	0.447	ppbv	93
59) m/p-Xylene	12.388	91	314624m	0.922	ppbv	
60) o-Xylene	13.072	91	151509m	0.468	ppbv	
61) Styrene	12.912	104	56614m	0.383	ppbv	
62) Isopropylbenzene	14.047	105	232617	0.483	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	128400	0.519	ppbv	99
64) n-propylbenzene	14.934	120	55633m	0.459	ppbv	
65) tert-Butylbenzene	16.108	119	195494m	0.468	ppbv	
66) Benzyl Chloride	16.358	91	12492m	0.444	ppbv	
67) sec-Butylbenzene	16.654	105	282060	0.469	ppbv	97
69) p-Isopropyltoluene	17.014	119	204998	0.437	ppbv	98
70) n-Butylbenzene	17.908	91	216852	0.428	ppbv	99
71) 2-Chlorotoluene	14.822	91	169024	0.459	ppbv	100
72) 4-Ethyltoluene	15.211	105	148632	0.417	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.365	105	137727	0.436	ppbv	88
74) 1,2,4-Trimethylbenzene	16.127	105	166779	0.463	ppbv	92
75) 1,3-Dichlorobenzene	16.349	146	96158	0.467	ppbv	94
76) 1,4-Dichlorobenzene	16.494	146	104758m	0.506	ppbv	
77) 1,2-Dichlorobenzene	17.162	146	94635	0.466	ppbv	94
78) Hexachloro-1,3-Butadiene	22.657	225	77311m	0.544	ppbv	
79) Naphthalene	21.419	128	84707m	0.399	ppbv	
80) Naphthalene,2-methyl-	24.416	142	10409m	0.376	ppbv	
81) 1,2,4-Trichlorobenzene	21.175	180	49755m	0.410	ppbv	

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

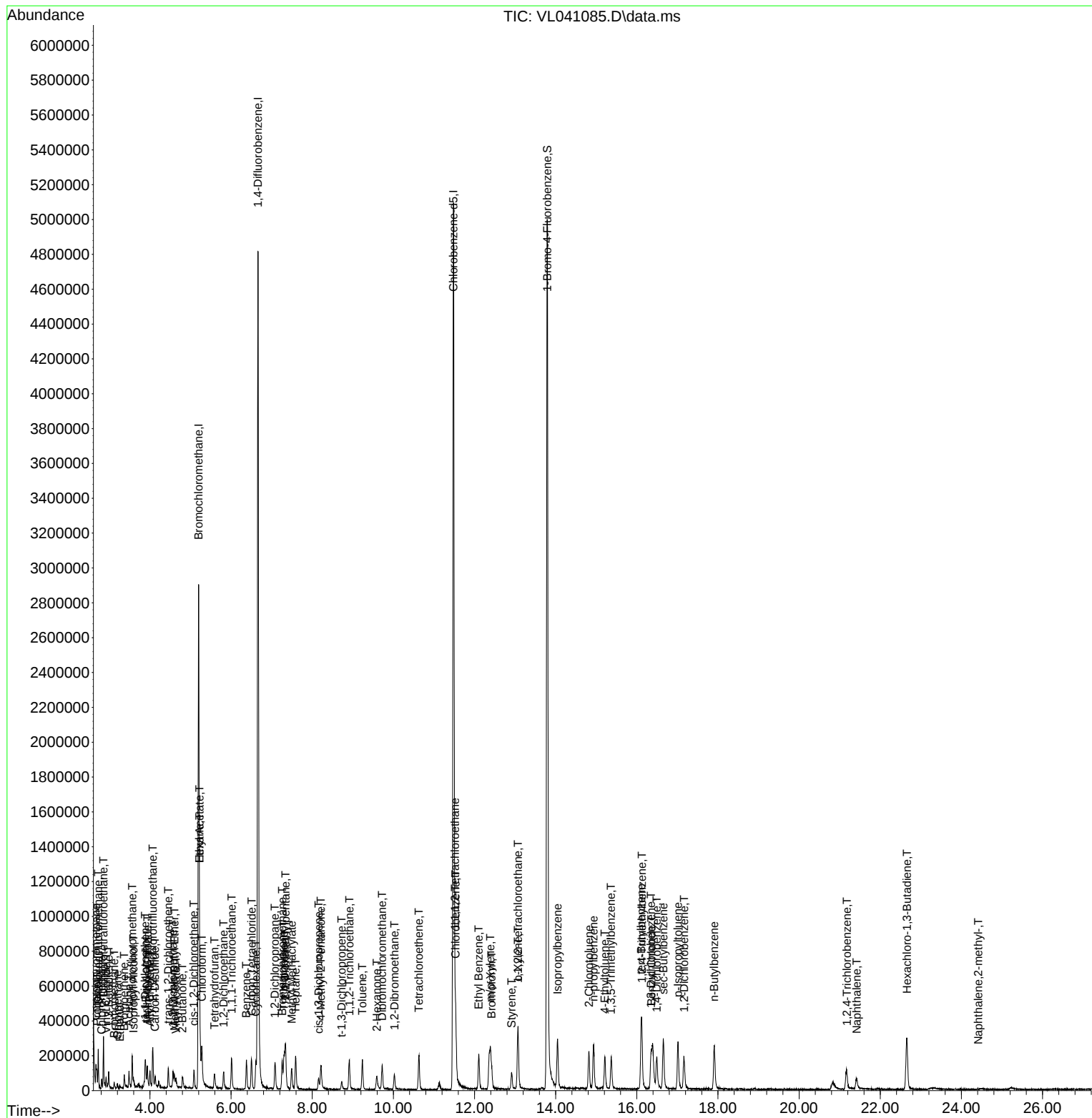
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
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ALS Vial : 1 Sample Multiplier: 1

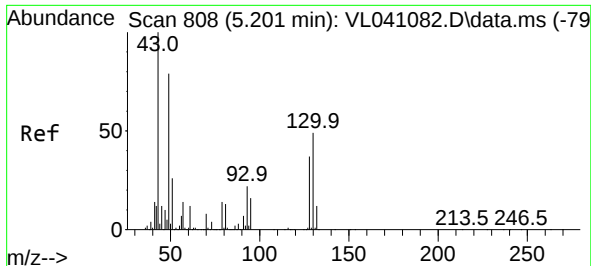
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Mar 12 05:47:21 2024
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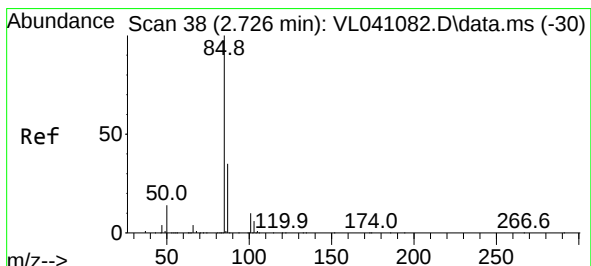
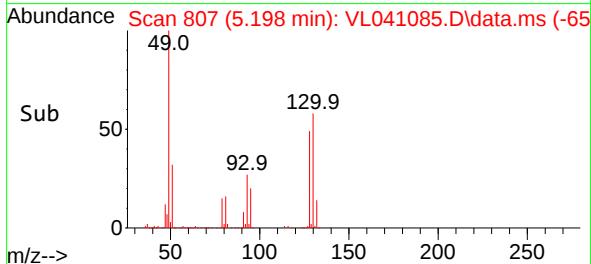
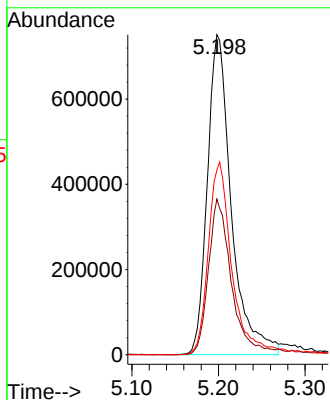
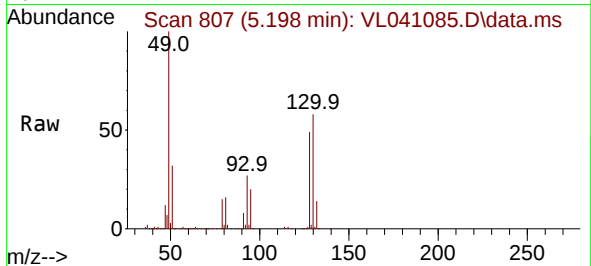
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 1447474
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.5
130 61.6 30.3 90.9

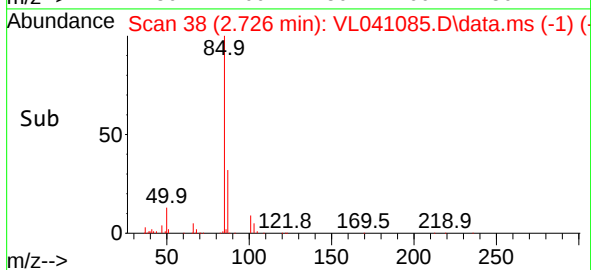
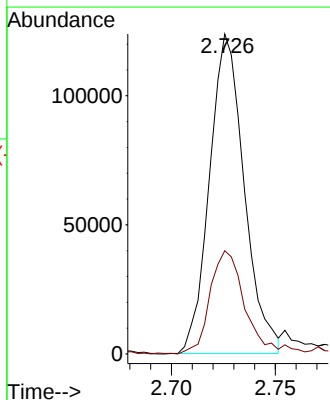
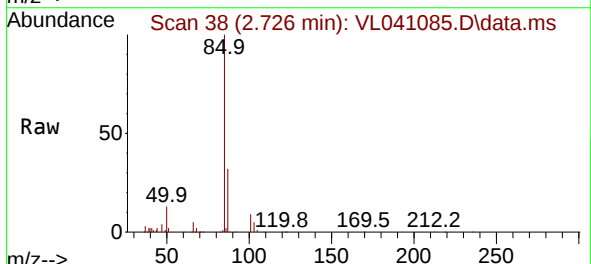
Manual Integrations
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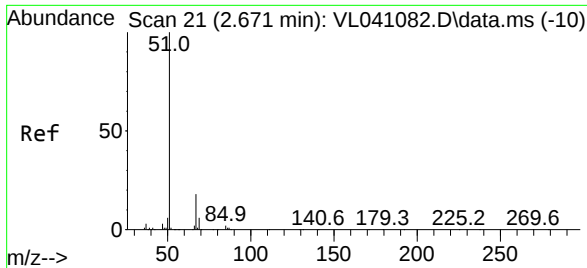
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 0.521 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 85 Resp: 143814
Ion Ratio Lower Upper
85 100
87 32.3 28.1 42.1





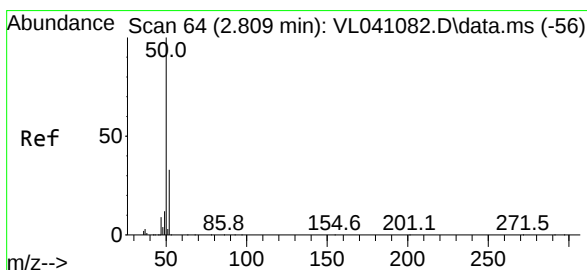
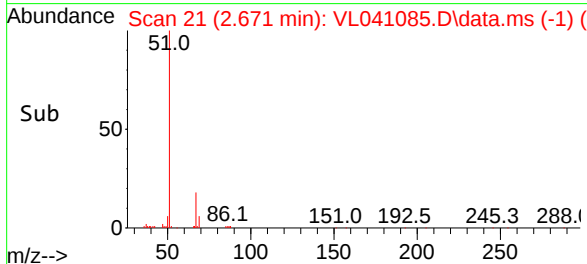
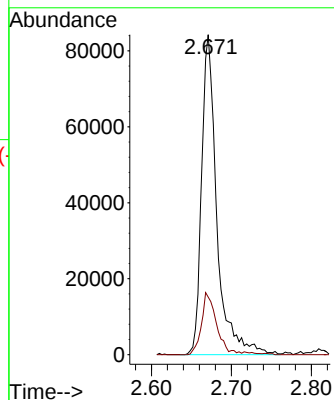
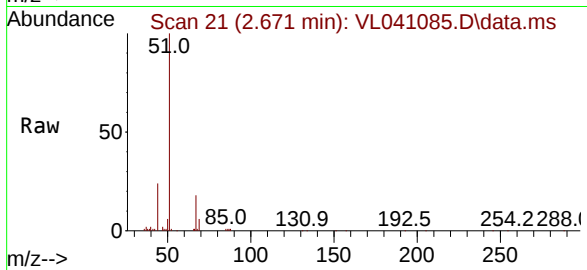
#3
Chlorodifluoromethane
Concen: 0.528 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 11224
Ion Ratio Lower Upper
51 100
67 19.8 14.5 21.7

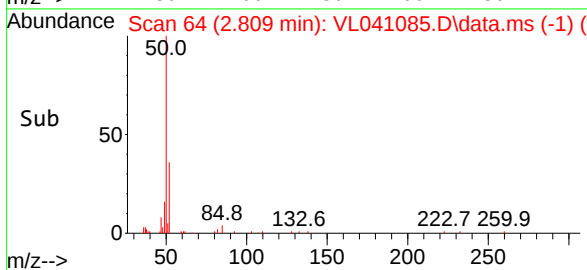
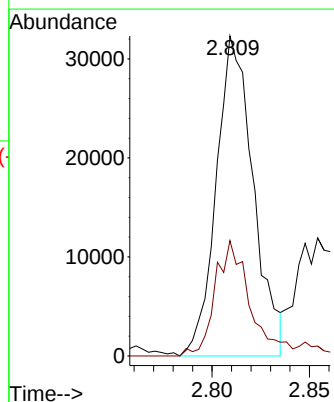
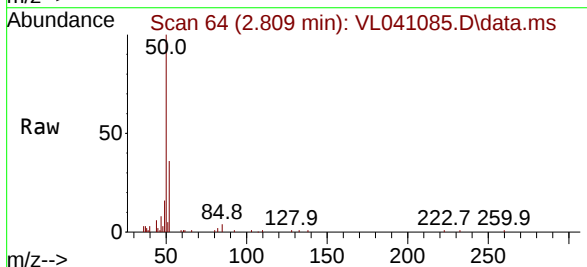
Manual Integrations
APPROVED

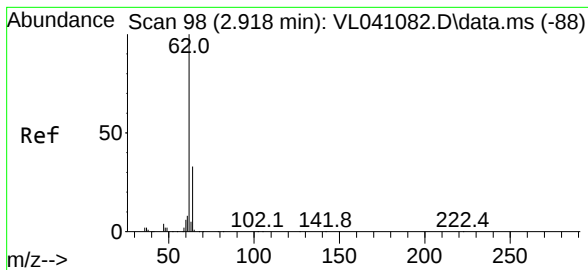
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#4
Chloromethane
Concen: 0.531 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

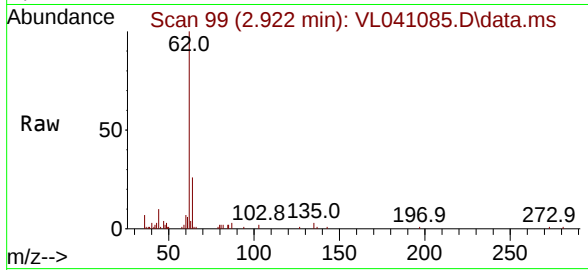
Tgt Ion: 50 Resp: 42688
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.508 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.003 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

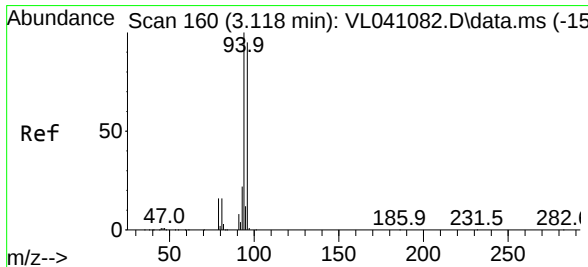
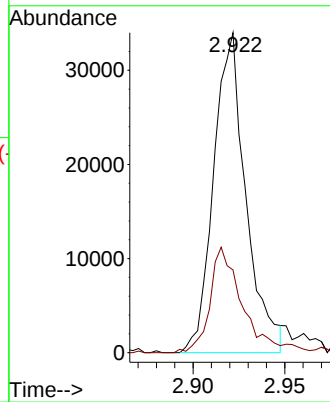
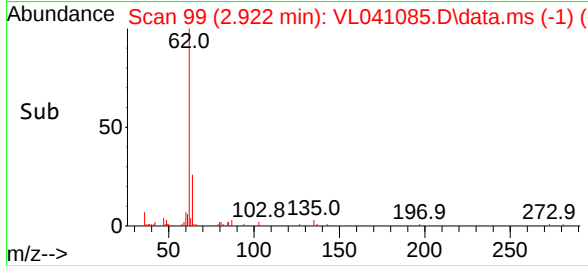
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



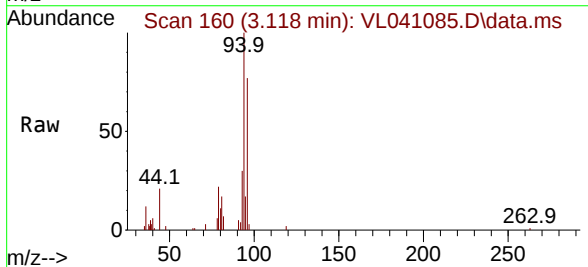
Tgt Ion: 62 Resp: 41550
 Ion Ratio Lower Upper
 62 100
 64 25.9 26.5 39.7

Manual Integrations
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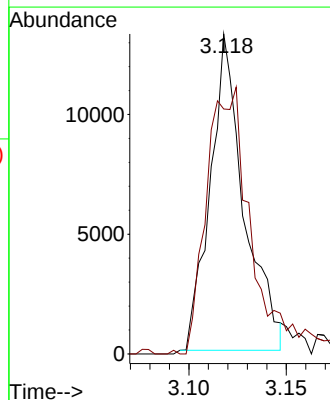
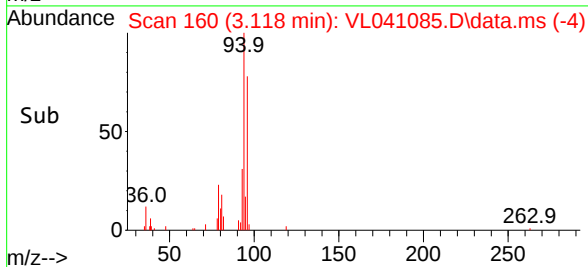
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

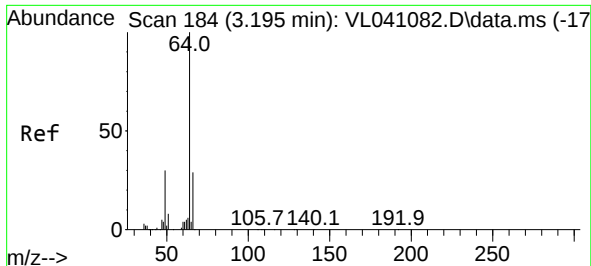


#6
 Bromomethane
 Concen: 0.492 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00



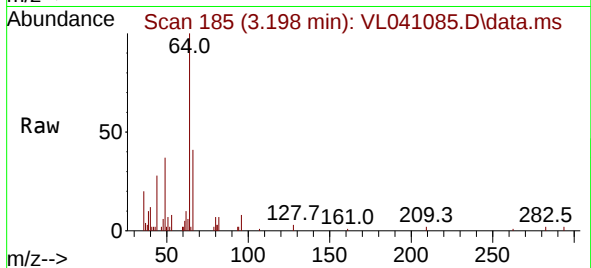
Tgt Ion: 94 Resp: 15987
 Ion Ratio Lower Upper
 94 100
 96 77.5 76.0 114.0





#7
Chloroethane
Concen: 0.519 ppbv m
RT: 3.198 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

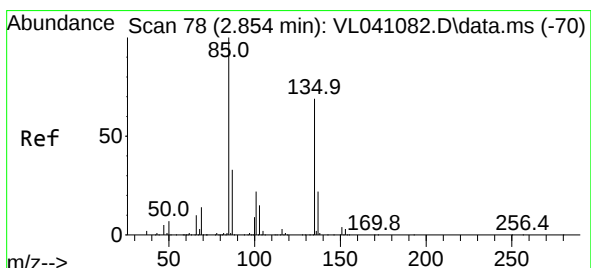
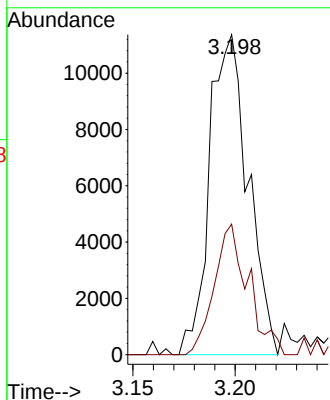
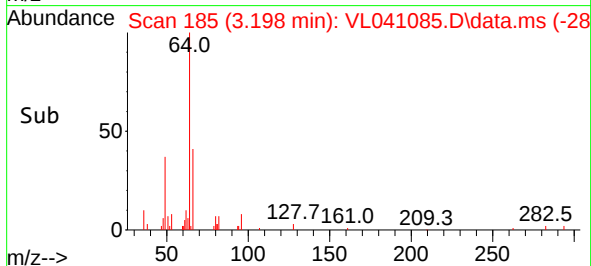
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 64 Resp: 1494
Ion Ratio Lower Upper
64 100
66 40.8 23.2 34.8

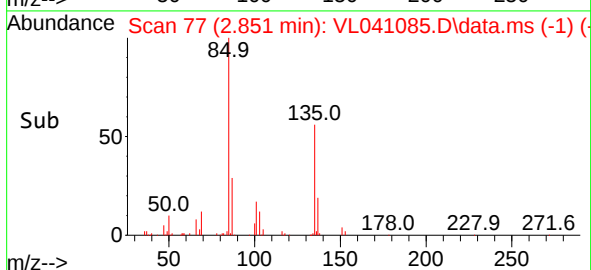
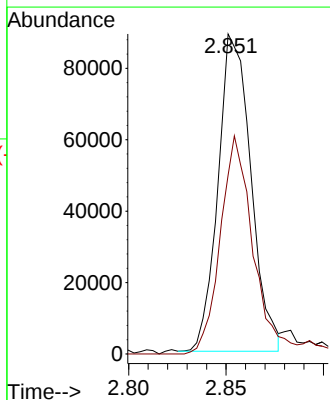
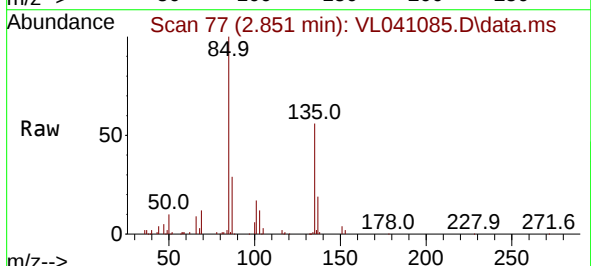
Manual Integrations
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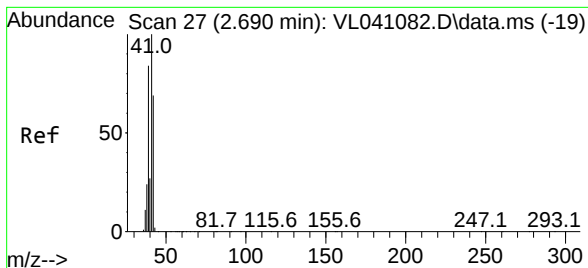
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Dichlorotetrafluoroethane
Concen: 0.521 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

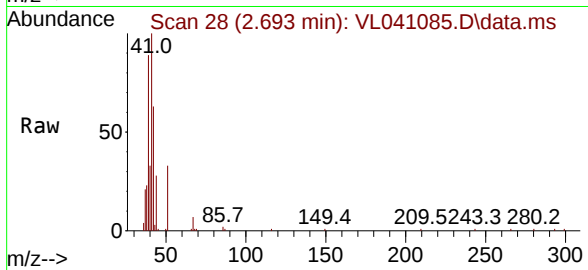
Tgt Ion: 85 Resp: 104327
Ion Ratio Lower Upper
85 100
135 72.6 56.7 85.1





#9
Propene
Concen: 0.501 ppbv
RT: 2.693 min Scan# 27
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

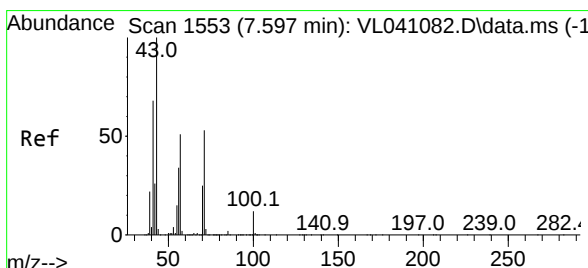
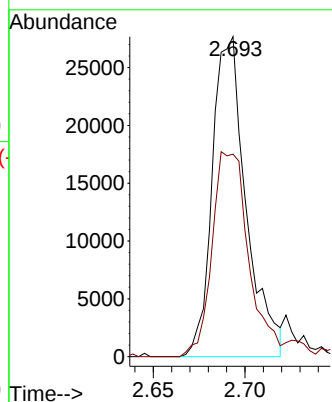
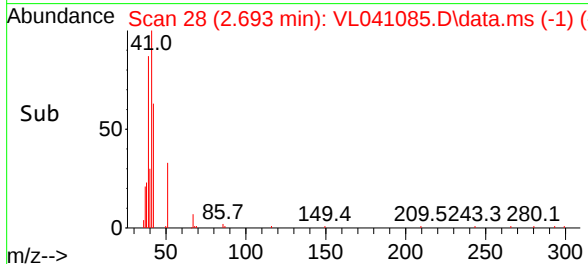
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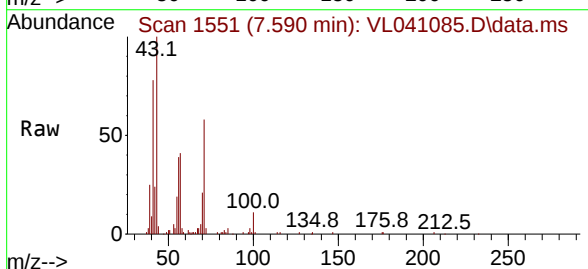
Tgt Ion: 41 Resp: 3547
Ion Ratio Lower Upper
41 100
42 75.2 55.9 83.9

Manual Integrations
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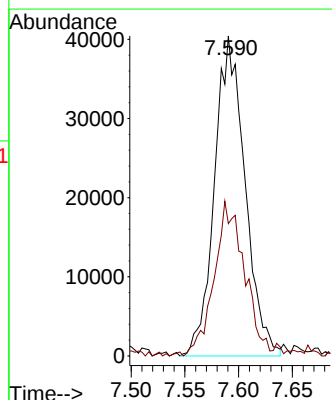
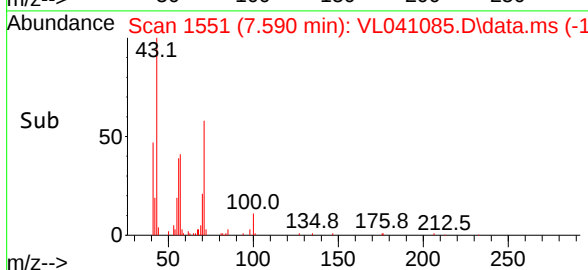
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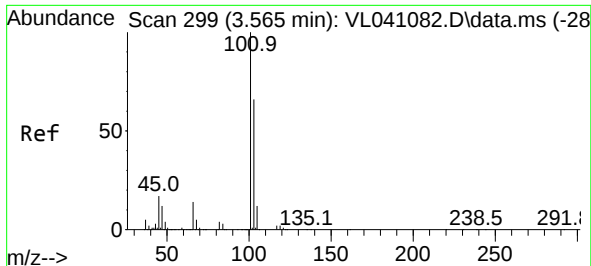


#10
Heptane
Concen: 0.470 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



Tgt Ion: 43 Resp: 79593
Ion Ratio Lower Upper
43 100
57 49.1 41.0 61.6





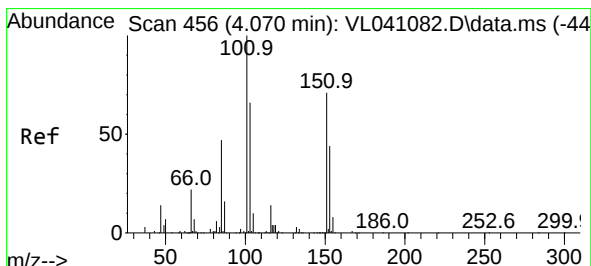
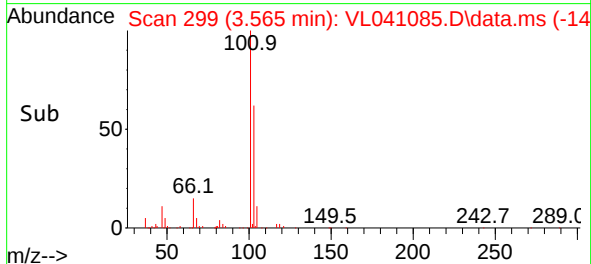
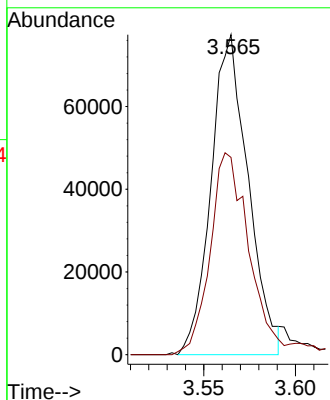
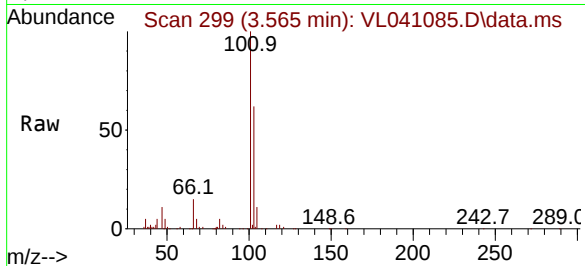
#11
 Trichlorofluoromethane
 Concen: 0.512 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 10883
 Ion Ratio Lower Upper
 101 100
 103 60.7 53.0 79.4

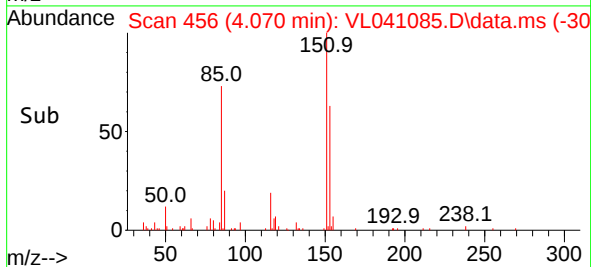
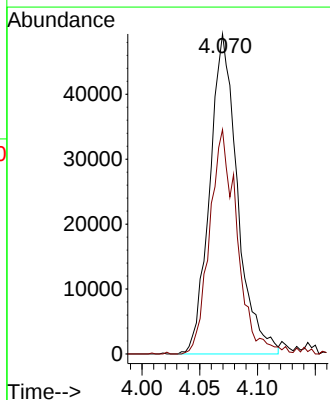
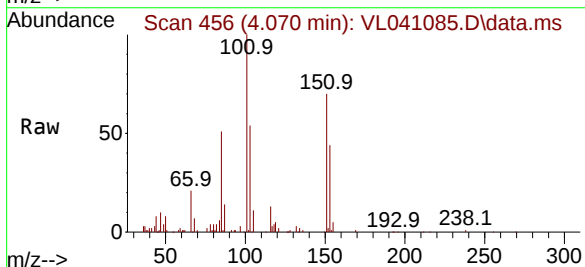
Manual Integrations
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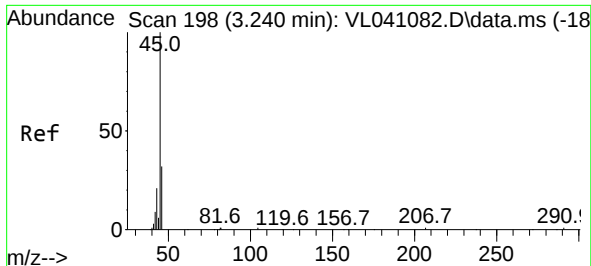
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.527 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

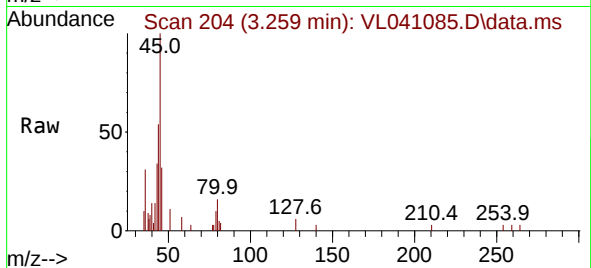
Tgt Ion:101 Resp: 82415
 Ion Ratio Lower Upper
 101 100
 151 69.8 55.8 83.8





#13
Ethanol
Concen: 0.655 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.019 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

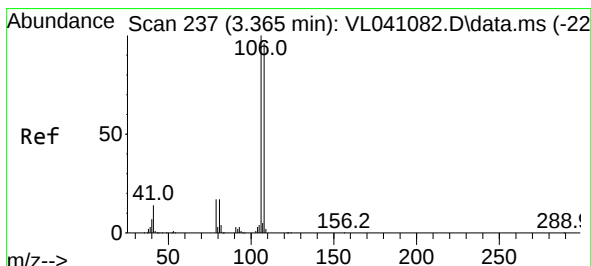
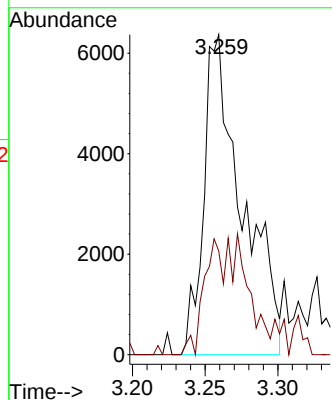
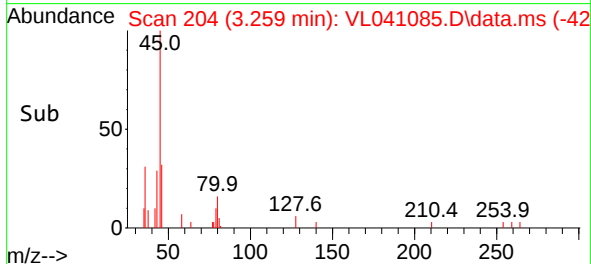
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



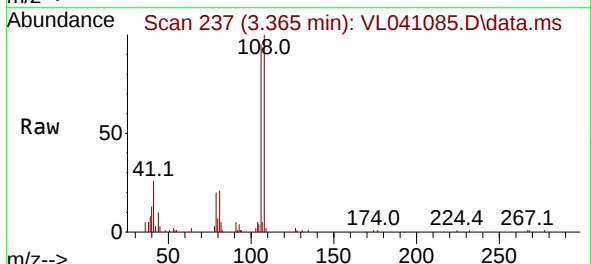
Tgt Ion: 45 Resp: 11735
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

Manual Integrations
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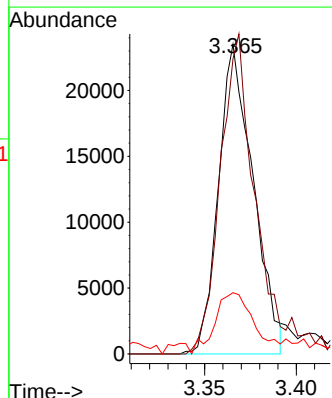
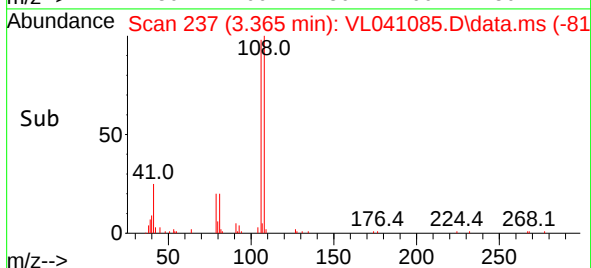
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

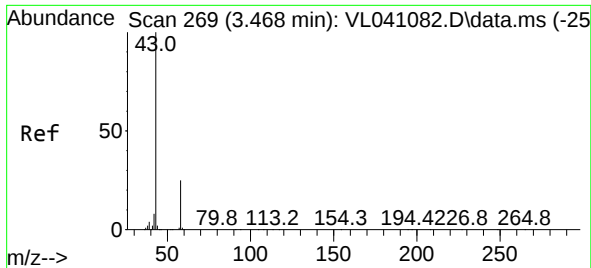


#14
Bromoethene
Concen: 0.505 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



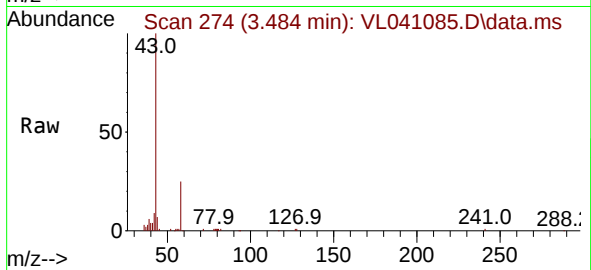
Tgt Ion:108 Resp: 30791
Ion Ratio Lower Upper
108 100
106 114.7 88.1 132.1
79 28.7 15.6 23.4





#15
Acetone
Concen: 0.558 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

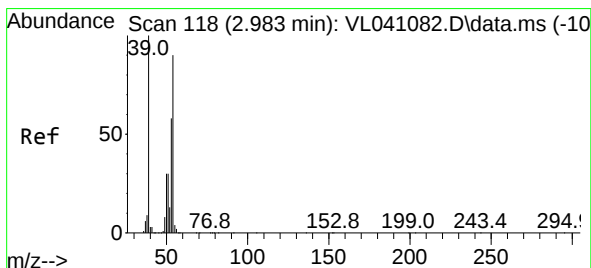
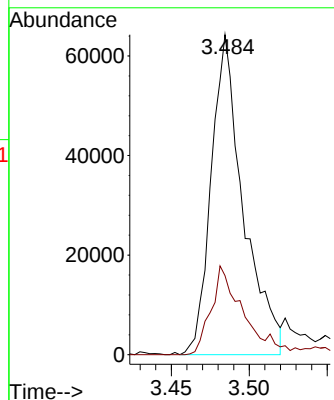
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



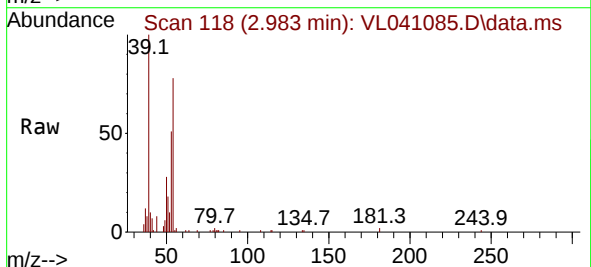
Tgt Ion: 43 Resp: 9202
Ion Ratio Lower Upper
43 100
58 28.4 21.7 32.5

Manual Integrations
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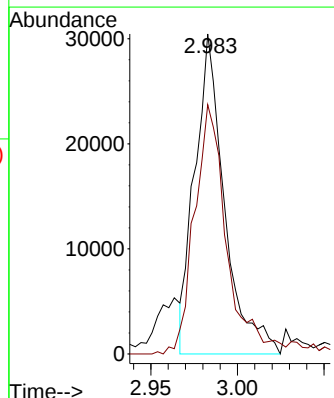
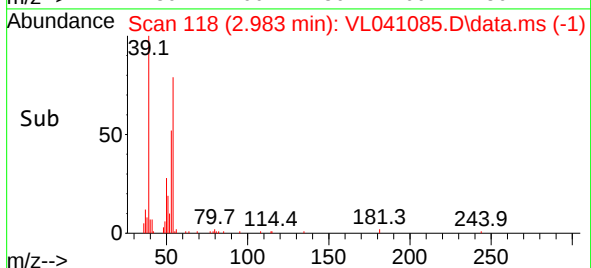
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

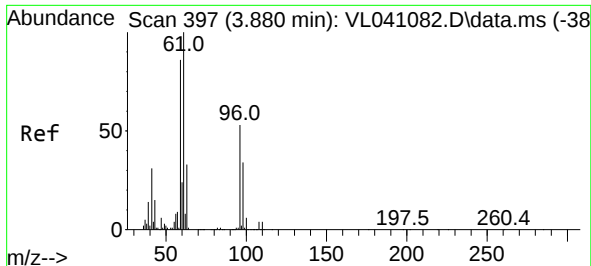


#16
1,3-Butadiene
Concen: 0.466 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



Tgt Ion: 39 Resp: 36200
Ion Ratio Lower Upper
39 100
54 87.7 64.0 96.0





#17

tert-Butyl alcohol

Concen: 0.509 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.019 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 6239

Ion Ratio Lower Upper

59 100

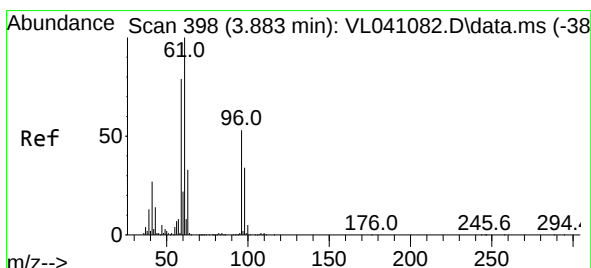
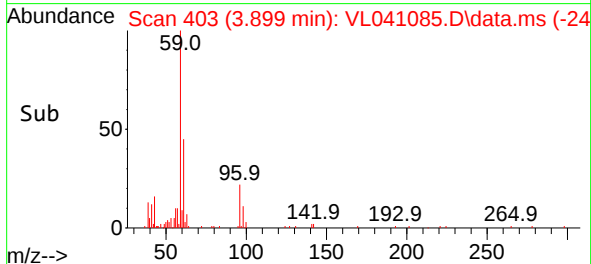
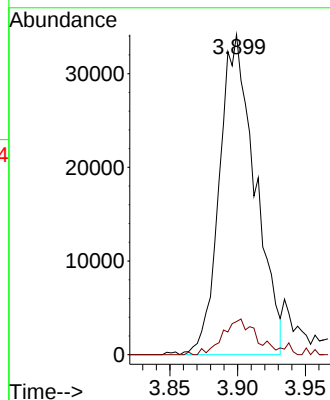
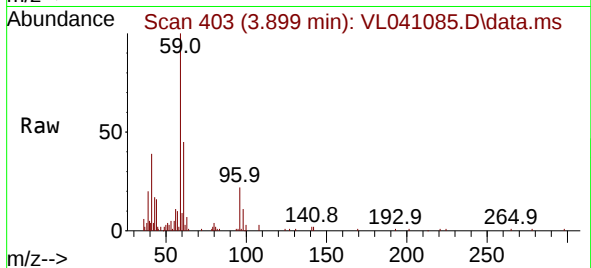
57 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#18

1,1-Dichloroethene

Concen: 0.522 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

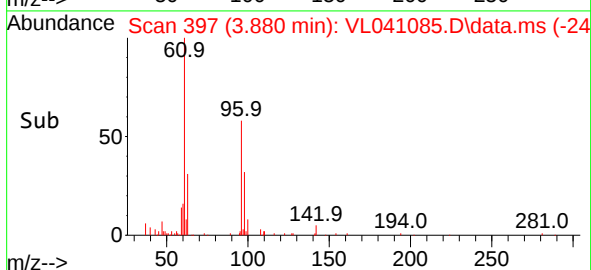
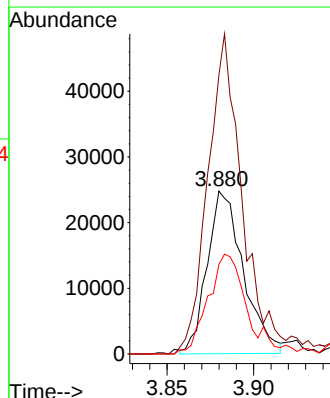
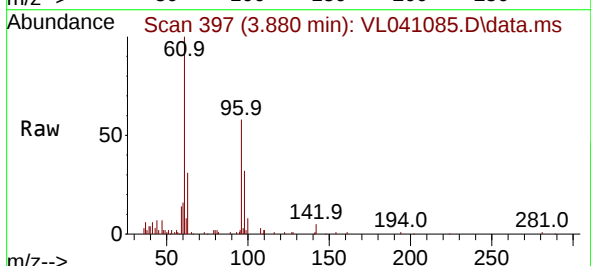
Tgt Ion: 96 Resp: 35916

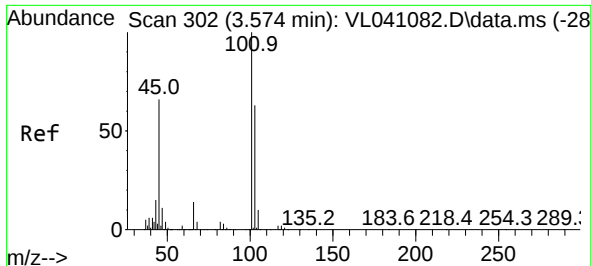
Ion Ratio Lower Upper

96 100

61 171.0 150.2 225.2

98 53.8 50.7 76.1





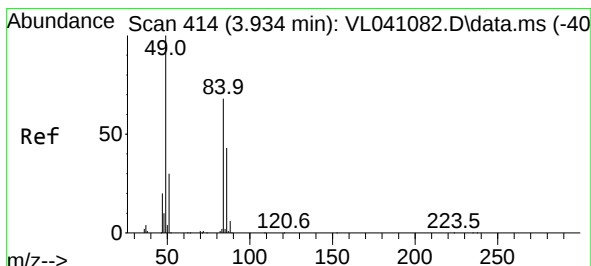
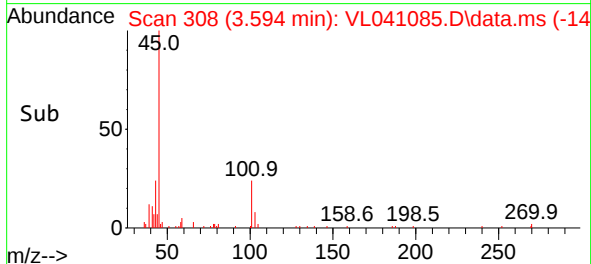
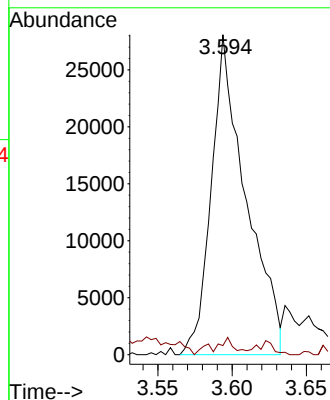
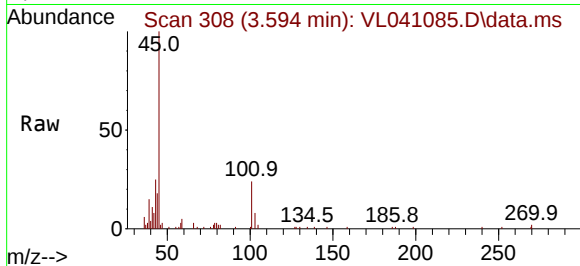
#19
Isopropyl Alcohol
Concen: 0.517 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.019 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 4557
Ion Ratio Lower Upper
45 100
58 2.8 2.2 3.4

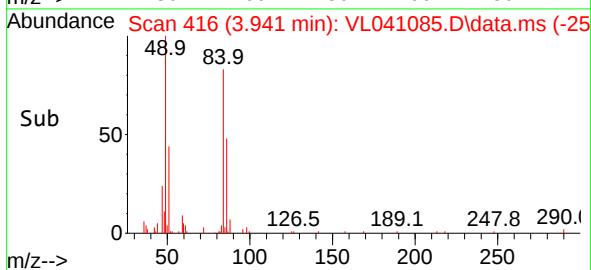
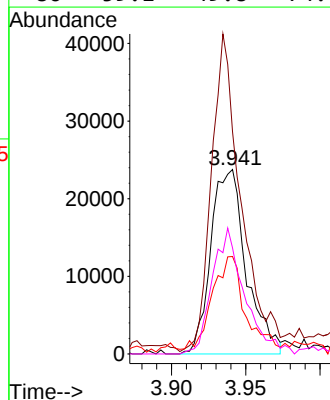
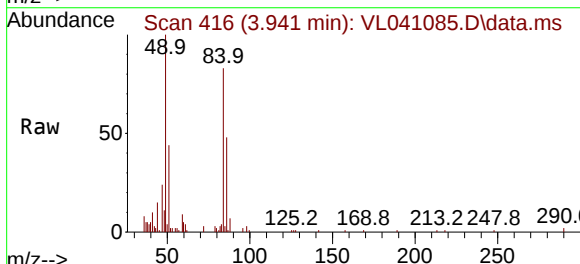
Manual Integrations
APPROVED

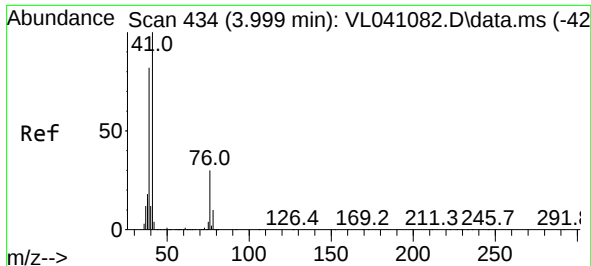
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 0.614 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.007 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

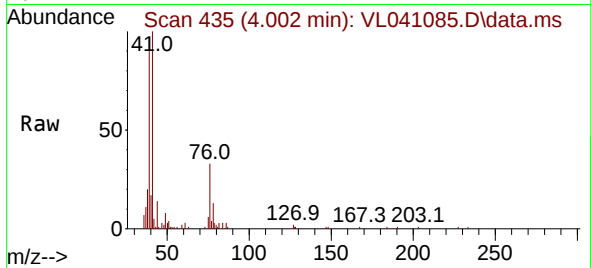
Tgt Ion: 84 Resp: 39444
Ion Ratio Lower Upper
84 100
49 119.3 117.0 175.6
51 50.3 34.9 52.3
86 59.1 49.8 74.6





#21
 Allyl Chloride
 Concen: 0.523 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

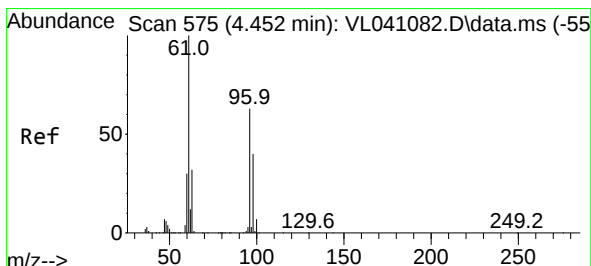
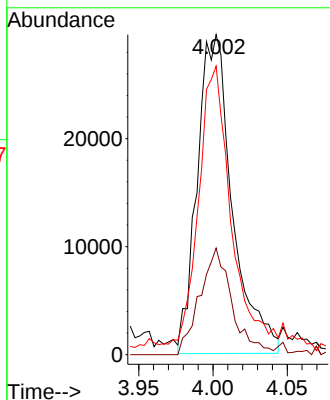
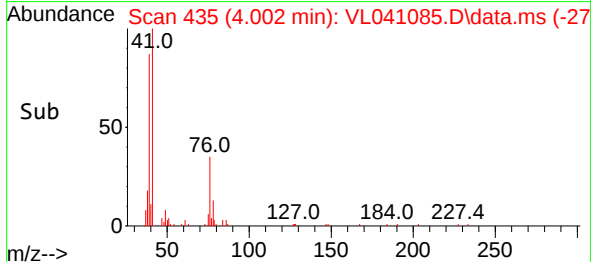
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 48715
 Ion Ratio Lower Upper
 41 100
 76 32.2 25.5 38.3
 39 89.6 67.4 101.2

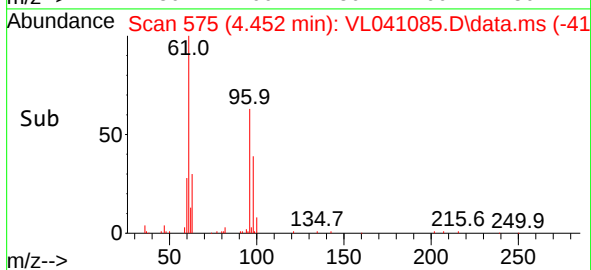
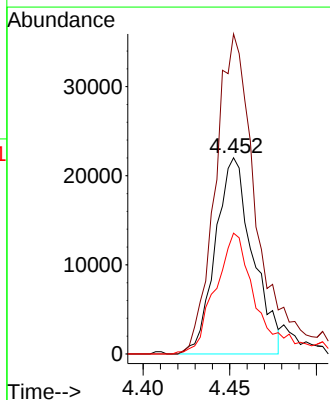
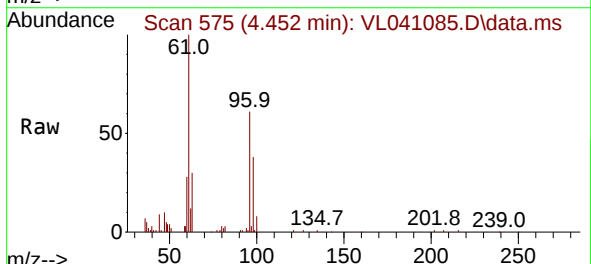
Manual Integrations
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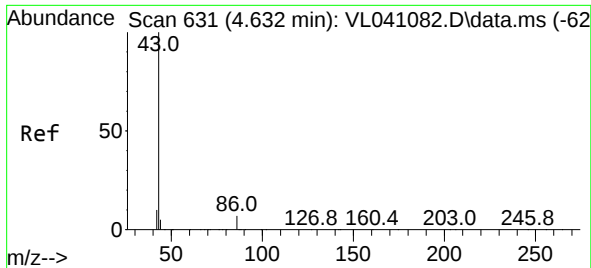
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.404 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

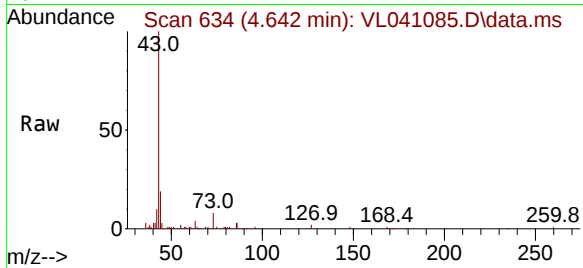
Tgt Ion: 96 Resp: 33083
 Ion Ratio Lower Upper
 96 100
 61 163.1 126.7 190.1
 98 61.6 50.1 75.1





#23
 Vinyl Acetate
 Concen: 0.425 ppbv m
 RT: 4.642 min Scan# 612
 Delta R.T. 0.010 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

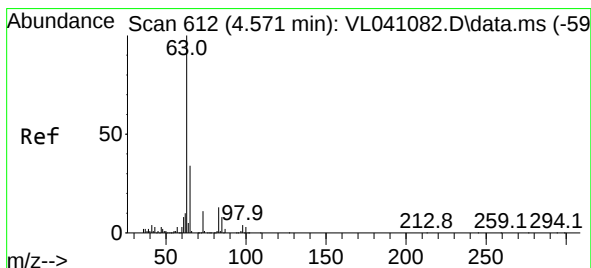
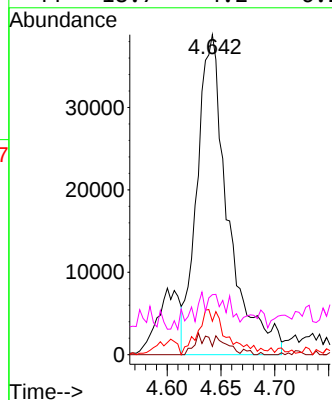
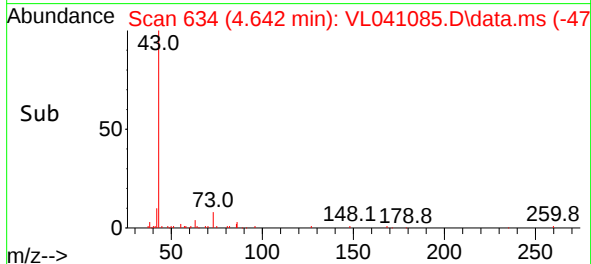
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



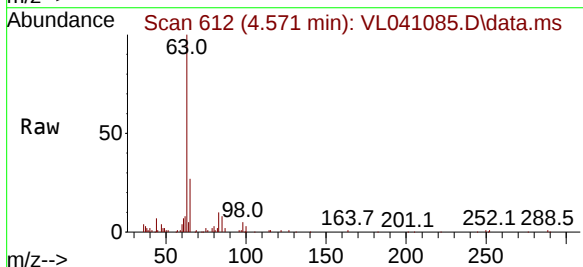
Tgt Ion: 43 Resp: 77840
 Ion Ratio Lower Upper
 43 100
 86 2.6 5.4 8.2
 42 10.5 8.0 12.0
 44 18.7 4.2 6.2#

Manual Integrations
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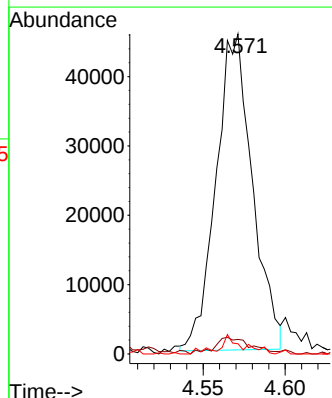
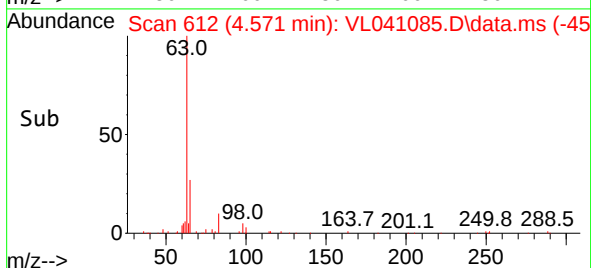
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

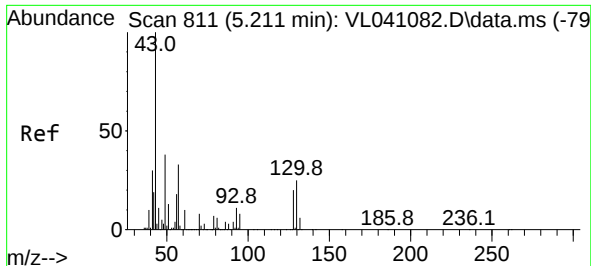


#24
 1,1-Dichloroethane
 Concen: 0.417 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00



Tgt Ion: 63 Resp: 70290
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.5
 100 3.3 1.4 4.2





#25

Ethyl Acetate

Concen: 0.476 ppbv

RT: 5.221 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 14146

Ion Ratio Lower Upper

43 100

45 12.3 8.2 12.2

61 10.4 8.2 12.2

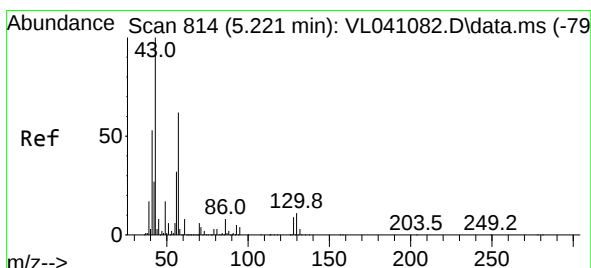
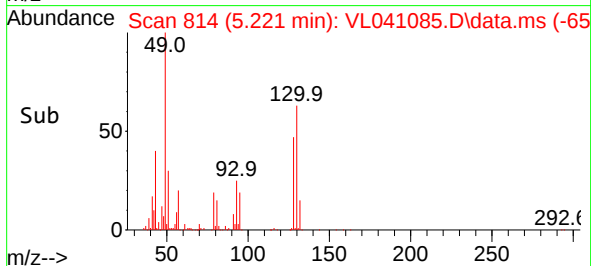
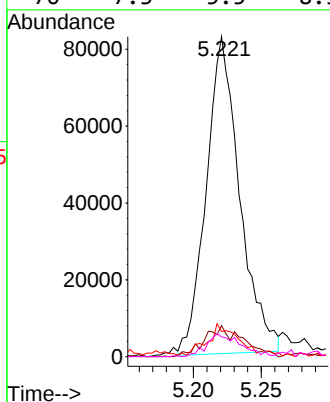
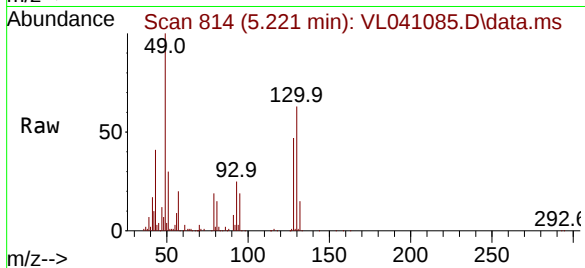
70 7.3 5.5 8.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#26

Hexane

Concen: 0.501 ppbv m

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Tgt Ion: 57 Resp: 66763

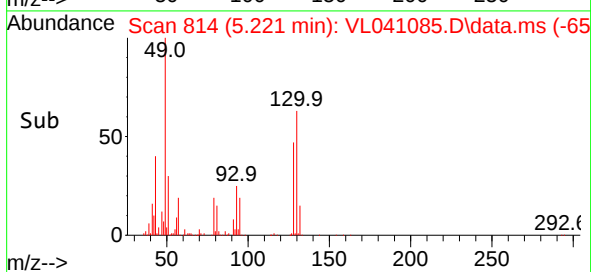
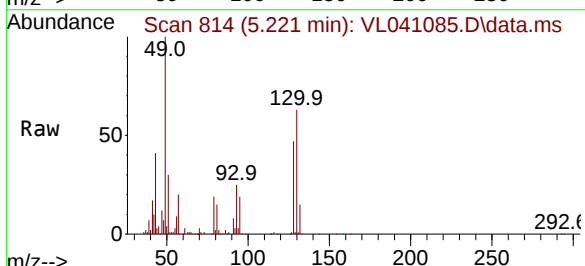
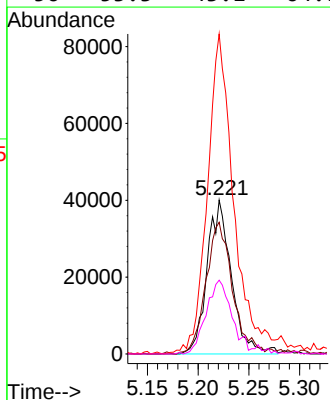
Ion Ratio Lower Upper

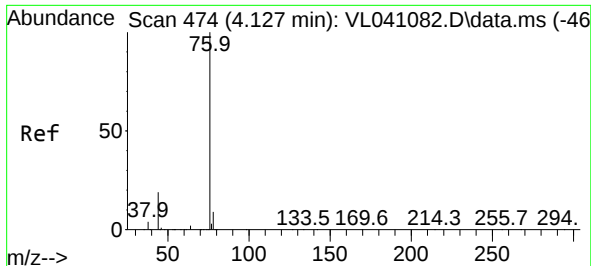
57 100

41 97.4 73.8 110.6

43 238.7 184.2 276.2

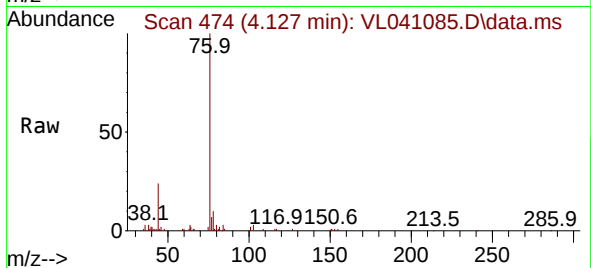
56 53.3 43.1 64.7





#27
Carbon Disulfide
Concen: 0.448 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

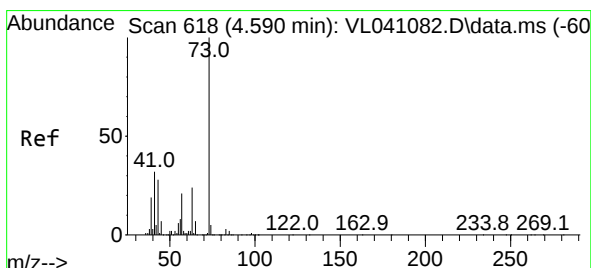
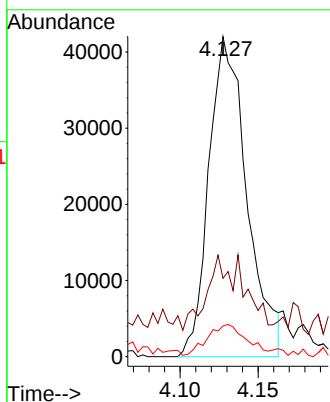
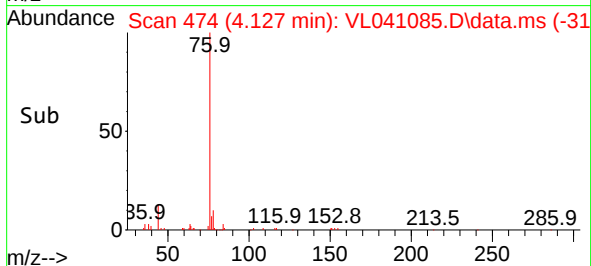
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 71300
Ion Ratio Lower Upper
76 100
44 25.6 16.0 24.0
78 12.6 7.5 11.3

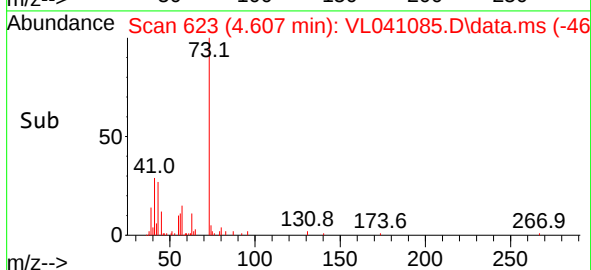
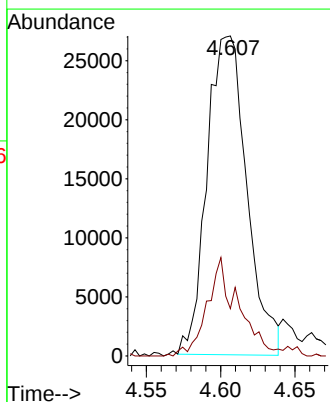
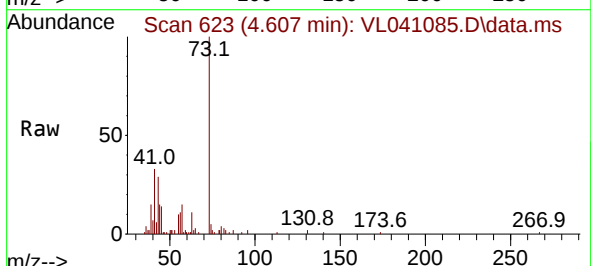
Manual Integrations
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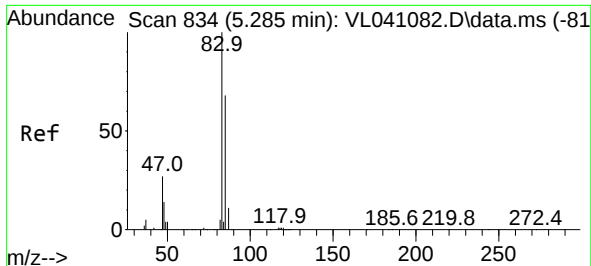
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#28
Methyl tert-Butyl Ether
Concen: 0.430 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.016 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 73 Resp: 50447
Ion Ratio Lower Upper
73 100
57 25.3 18.2 27.4





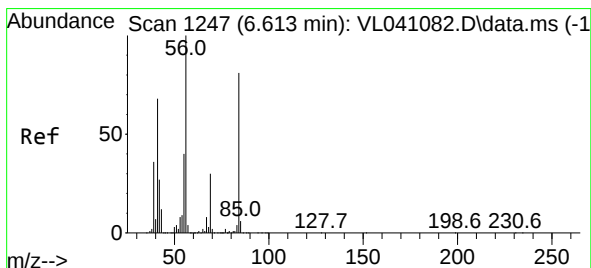
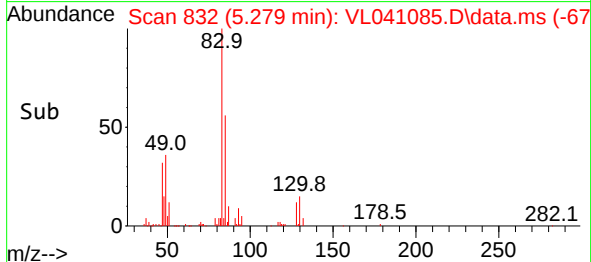
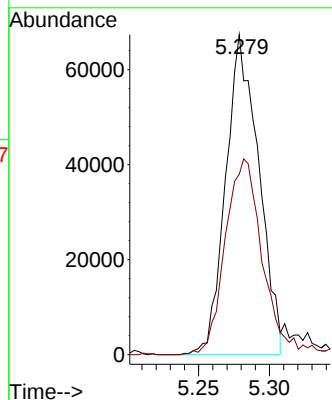
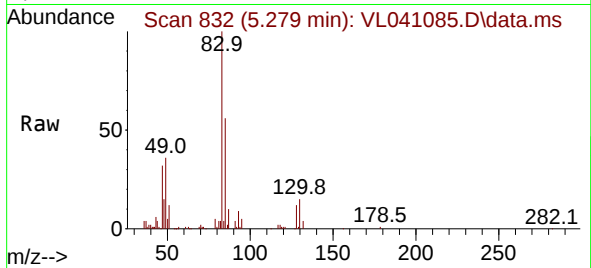
#29
Chloroform
Concen: 0.476 ppbv
RT: 5.279 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 109139
Ion Ratio Lower Upper
83 100
85 56.4 54.6 82.0

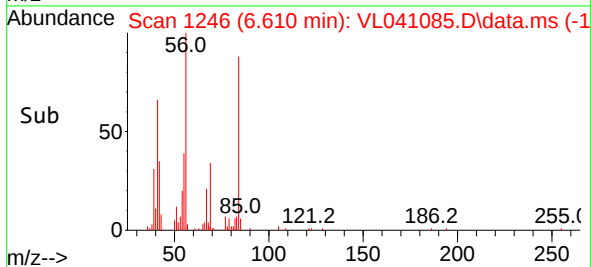
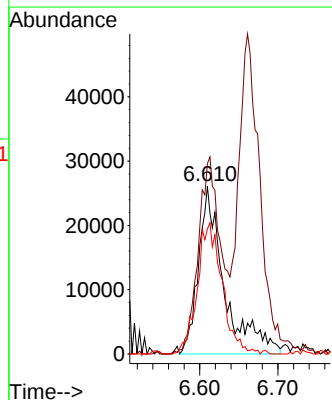
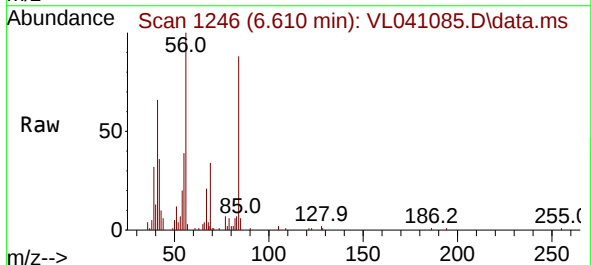
Manual Integrations
APPROVED

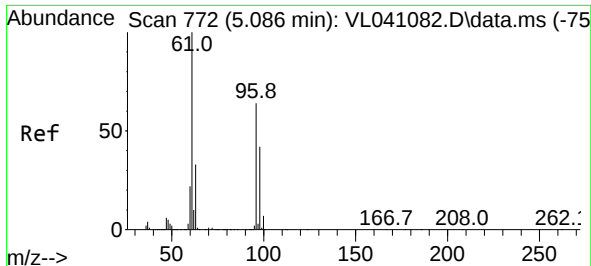
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Cyclohexane
Concen: 0.553 ppbv m
RT: 6.610 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 84 Resp: 60276
Ion Ratio Lower Upper
84 100
56 101.7 110.4 165.6#
41 74.8 70.6 105.8





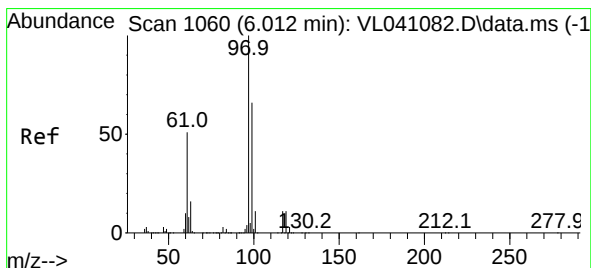
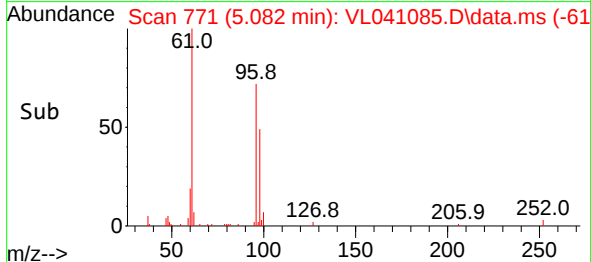
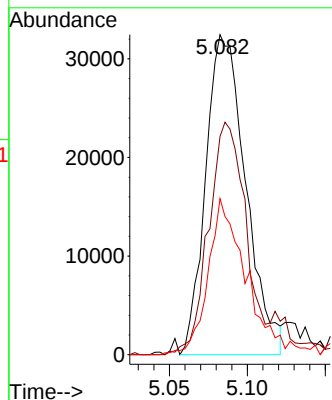
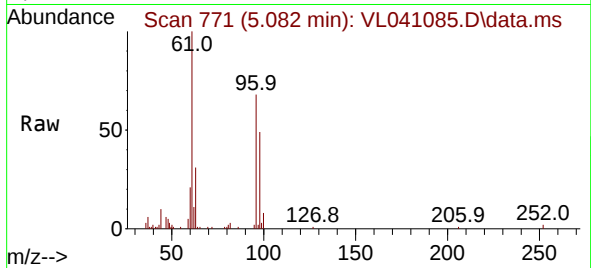
#31
 cis-1,2-Dichloroethene
 Concen: 0.449 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 57894
 Ion Ratio Lower Upper
 61 100
 96 65.7 51.2 76.8
 98 47.4 33.4 50.0

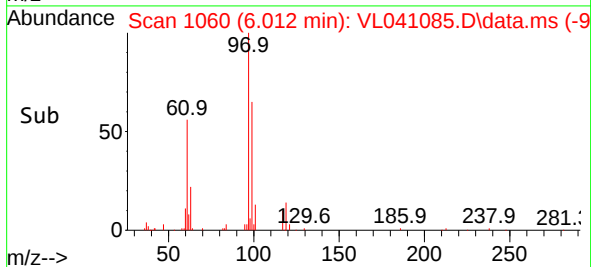
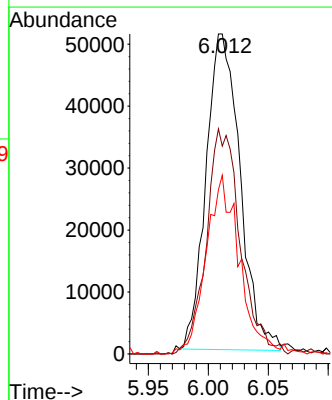
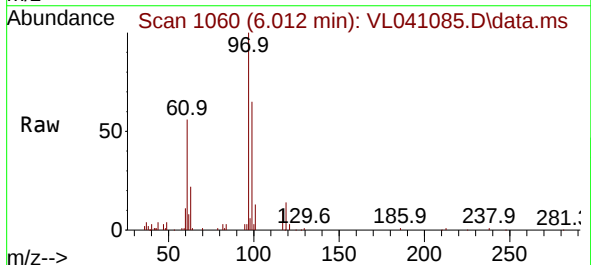
Manual Integrations
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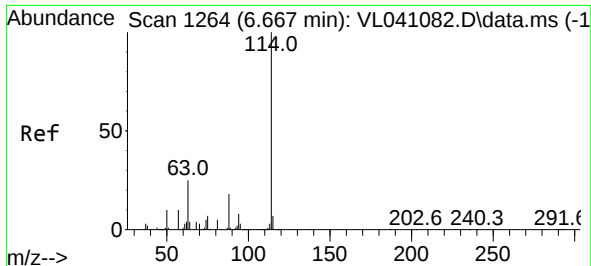
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.490 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

Tgt Ion: 97 Resp: 100532
 Ion Ratio Lower Upper
 97 100
 99 72.0 52.4 78.6
 61 56.1 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 370859

Ion Ratio Lower Upper

114 100

63 25.7 21.0 31.6

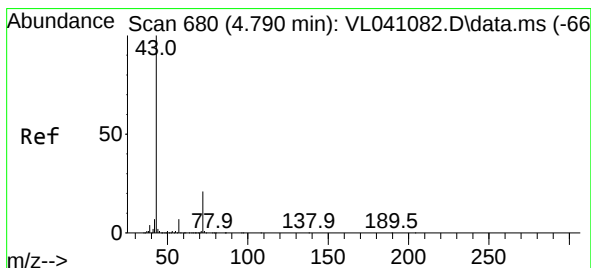
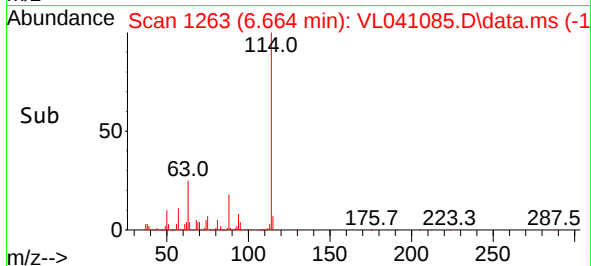
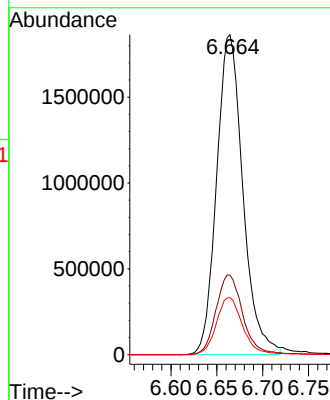
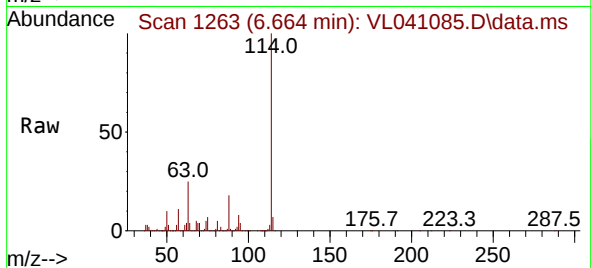
88 18.1 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

2-Butanone

Concen: 0.467 ppbv m

RT: 4.799 min Scan# 683

Delta R.T. 0.010 min

Lab File: VL041085.D

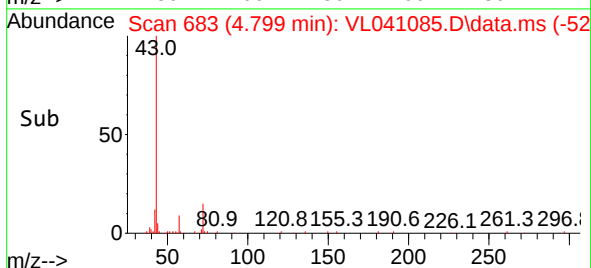
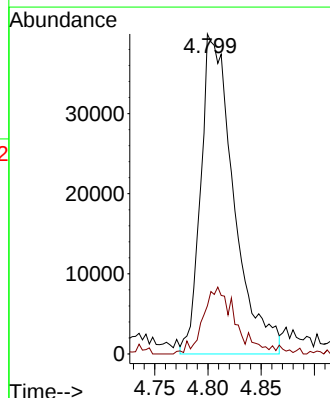
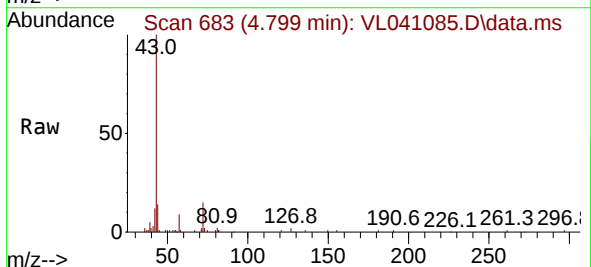
Acq: 11 Mar 2024 13:00

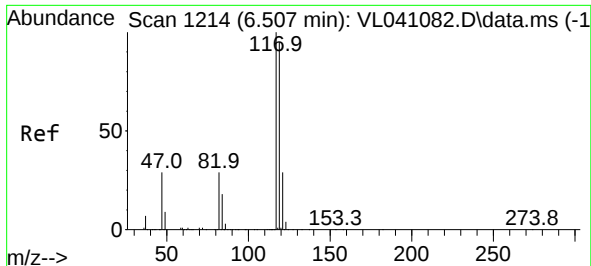
Tgt Ion: 43 Resp: 86046

Ion Ratio Lower Upper

43 100

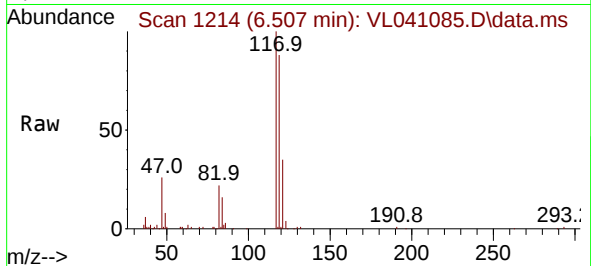
72 22.0 17.4 26.0





#35
Carbon Tetrachloride
Concen: 0.498 ppbv m
RT: 6.507 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

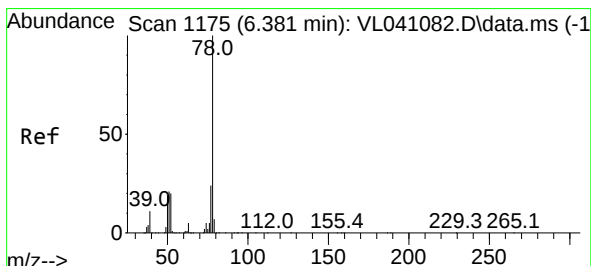
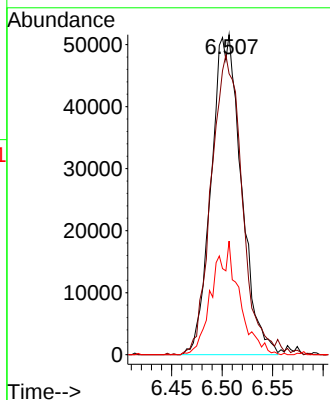
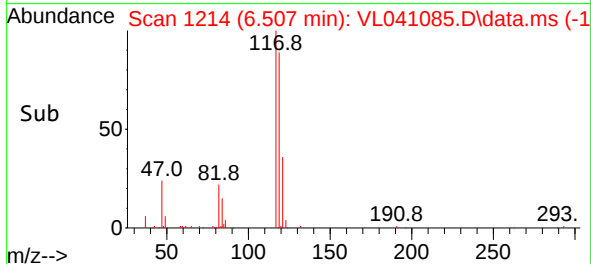
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 107554
Ion Ratio Lower Upper
117 100
119 87.8 75.6 113.4
121 35.5 23.4 35.2

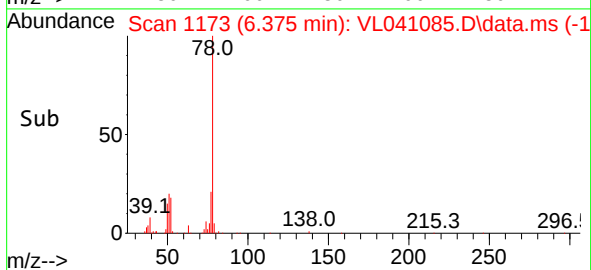
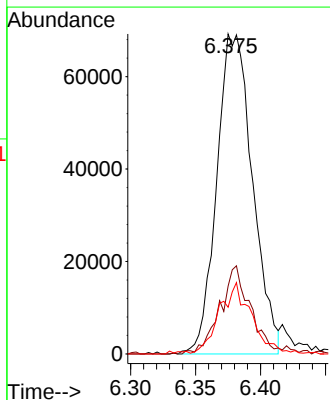
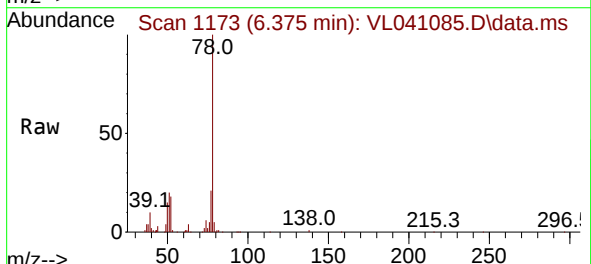
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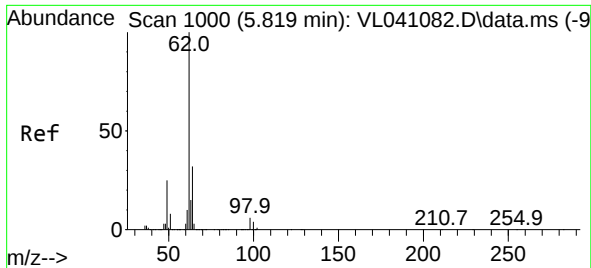
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#36
Benzene
Concen: 0.480 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 78 Resp: 132588
Ion Ratio Lower Upper
78 100
77 21.3 18.8 28.2
50 14.0 15.5 23.3





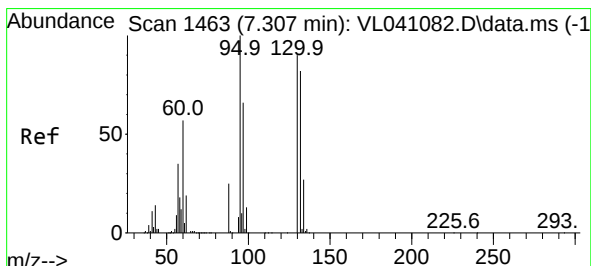
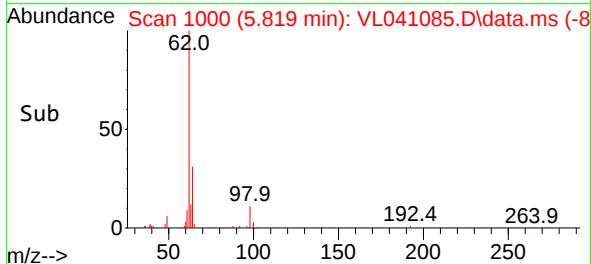
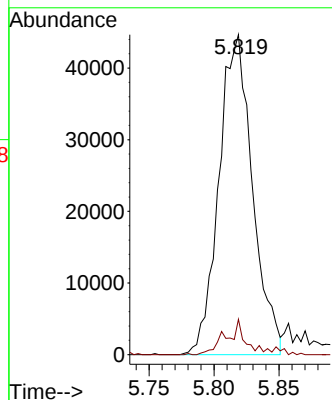
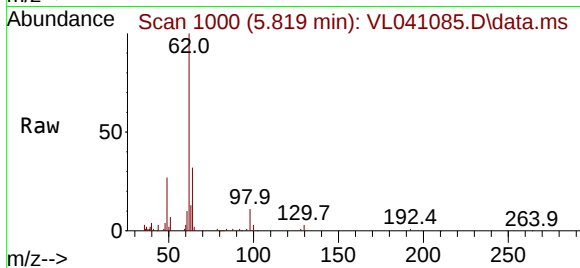
#37
1,2-Dichloroethane
Concen: 0.483 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 8024
Ion Ratio Lower Upper
62 100
98 7.3 4.6 6.8

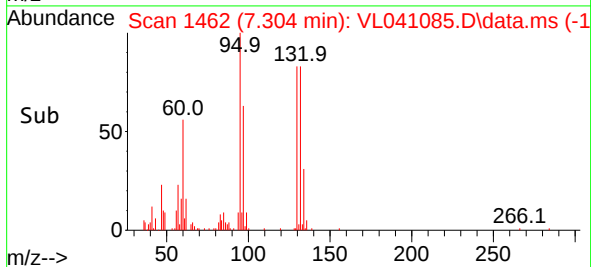
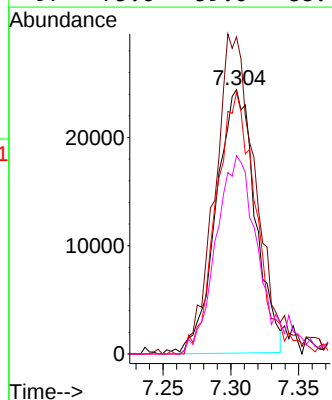
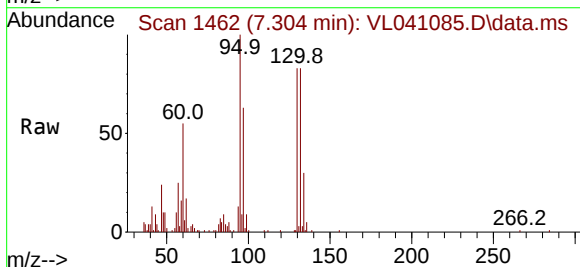
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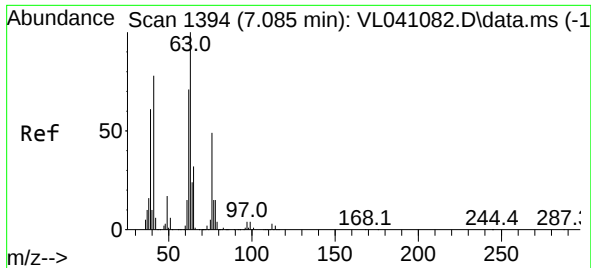
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#38
Trichloroethene
Concen: 0.474 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion:130 Resp: 48804
Ion Ratio Lower Upper
130 100
95 120.9 88.8 133.2
132 99.8 73.0 109.4
97 75.6 59.0 88.4





#39

1,2-Dichloropropane

Concen: 0.507 ppbv m

RT: 7.082 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

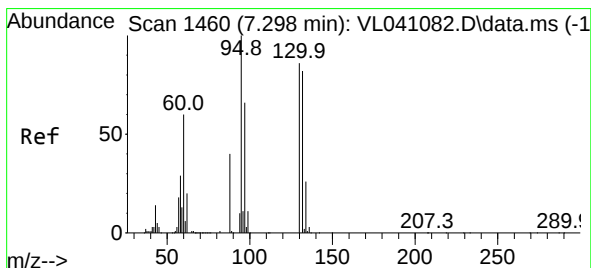
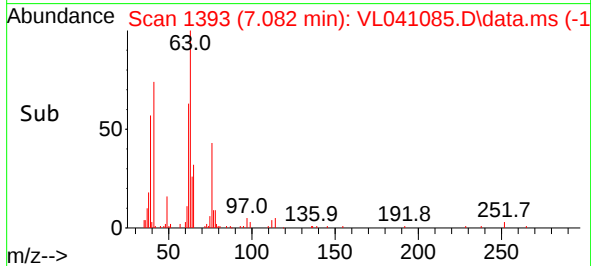
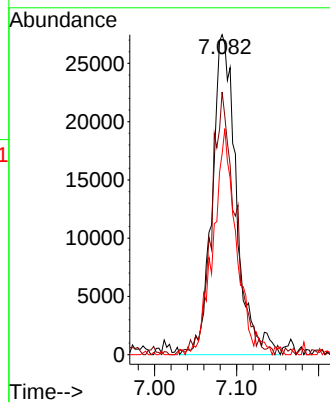
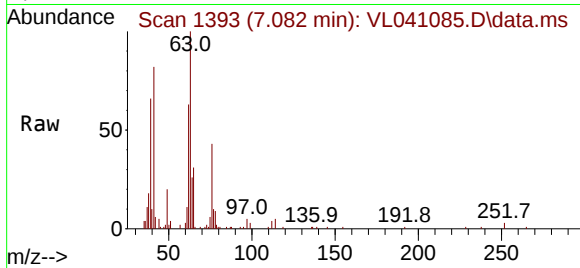
Tgt Ion: 63 Resp: 5598

Ion	Ratio	Lower	Upper
63	100		
41	82.1	62.2	93.4
62	62.7	57.0	85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#40

1,4-Dioxane

Concen: 0.472 ppbv m

RT: 7.330 min Scan# 1470

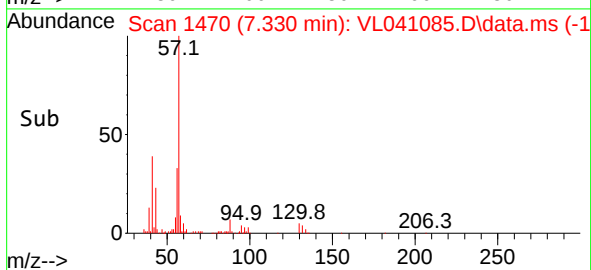
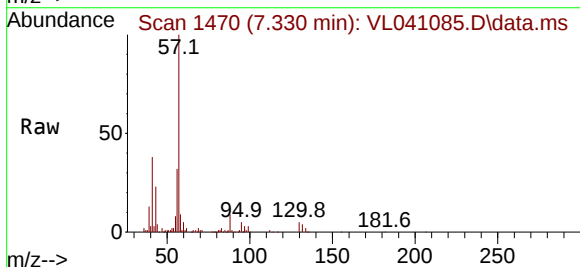
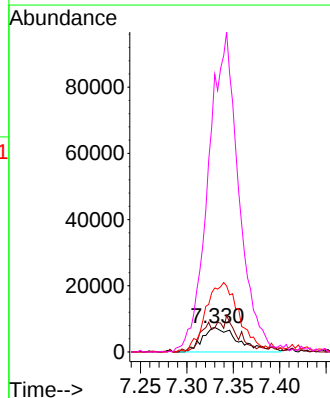
Delta R.T. 0.032 min

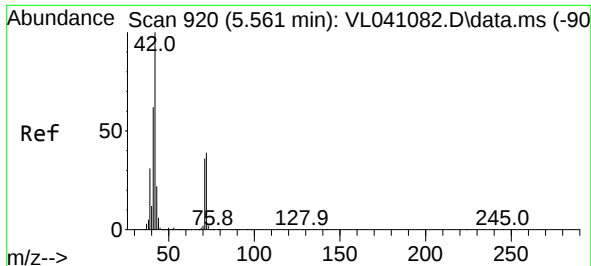
Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Tgt Ion: 88 Resp: 20544

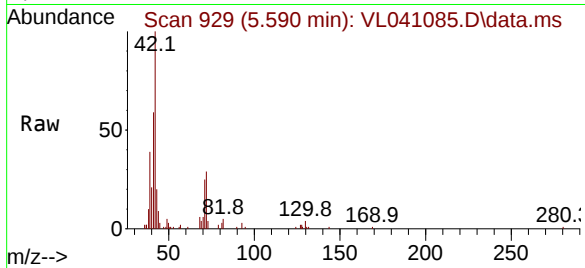
Ion	Ratio	Lower	Upper
88	100		
58	0.0	96.3	144.5#
43	0.0	195.7	293.5#
57	0.0	841.2	1261.8#





#41
Tetrahydrofuran
Concen: 0.503 ppbv m
RT: 5.590 min Scan# 91
Delta R.T. 0.029 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

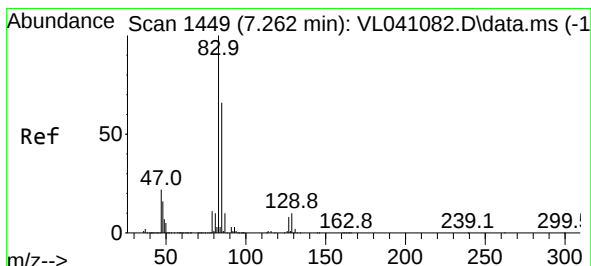
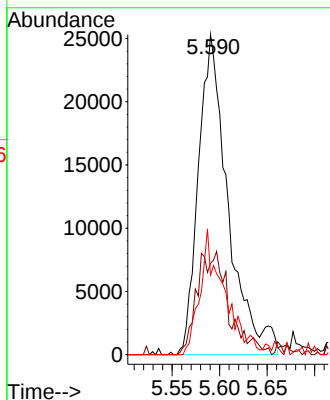
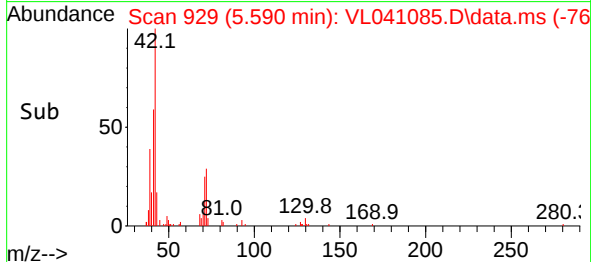
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 5489
Ion Ratio Lower Upper
42 100
72 36.4 30.7 46.1
71 33.7 29.6 44.4

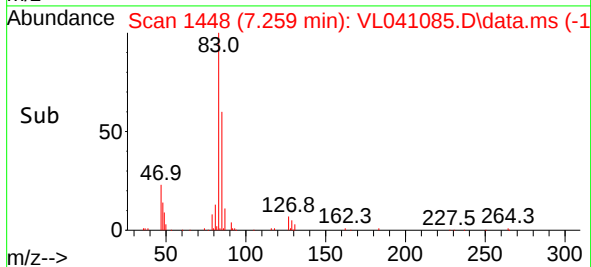
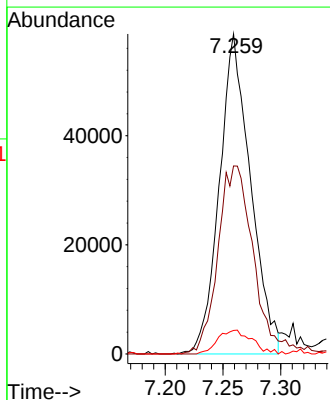
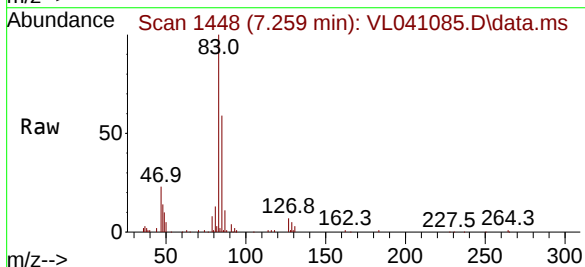
Manual Integrations
APPROVED

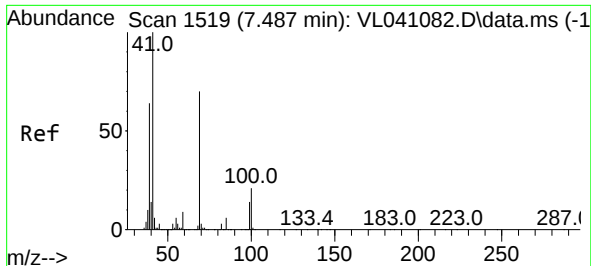
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
Bromodichloromethane
Concen: 0.463 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 83 Resp: 110283
Ion Ratio Lower Upper
83 100
85 58.8 53.1 79.7
127 7.3 6.2 9.4





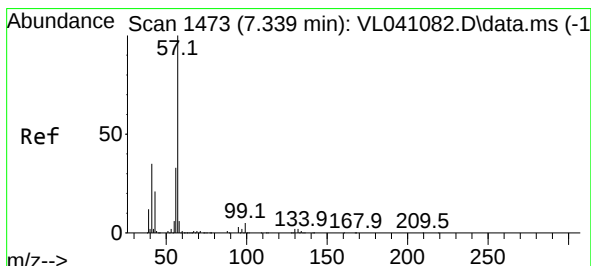
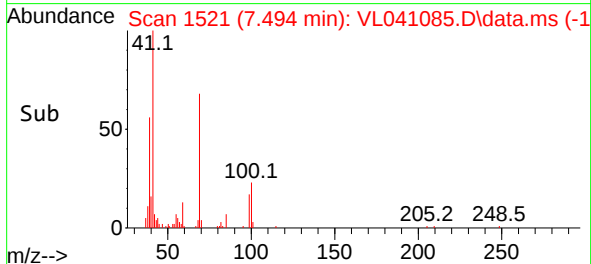
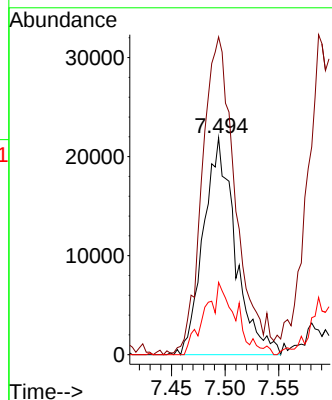
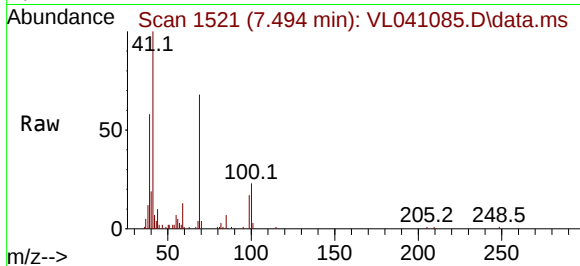
#43
Methyl Methacrylate
Concen: 0.422 ppbv m
RT: 7.494 min Scan# 1521
Delta R.T. 0.007 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 45004
Ion Ratio Lower Upper
69 100
41 153.6 118.2 177.4
100 33.5 24.8 37.2

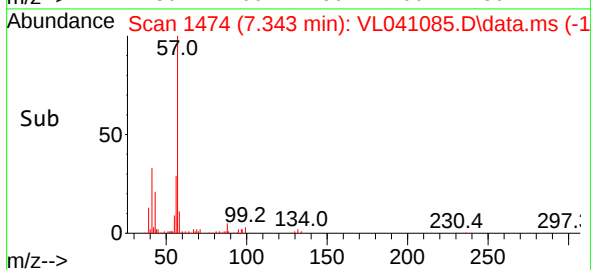
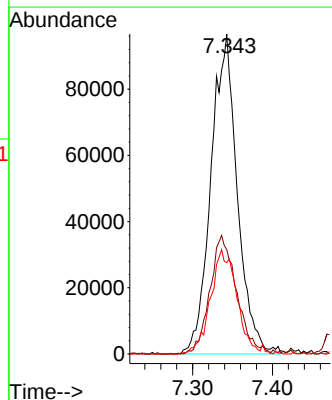
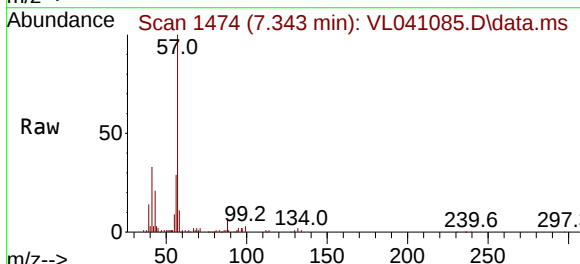
Manual Integrations
APPROVED

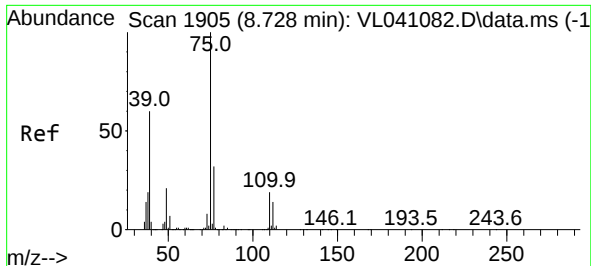
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
2,2,4-Trimethylpentane
Concen: 0.480 ppbv m
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 57 Resp: 221630
Ion Ratio Lower Upper
57 100
41 38.0 28.0 42.0
56 32.8 25.7 38.5





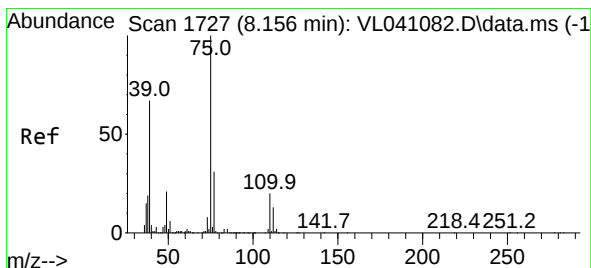
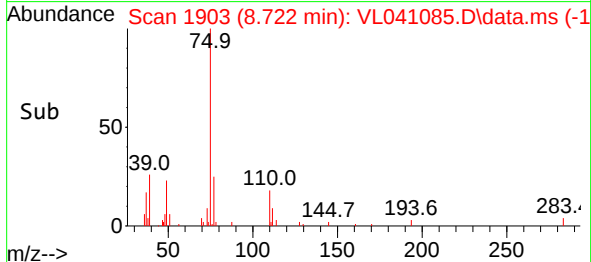
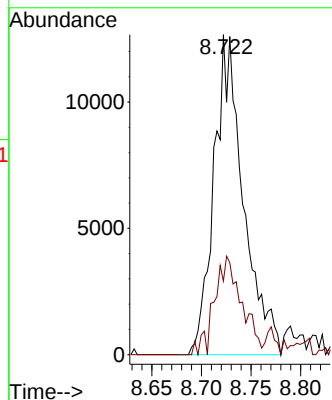
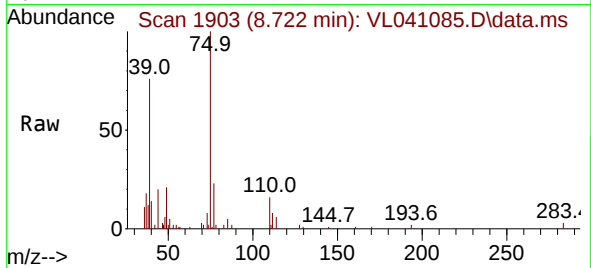
#45
t-1,3-Dichloropropene
Concen: 0.353 ppbv m
RT: 8.722 min Scan# 1905
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2615
Ion Ratio Lower Upper
75 100
77 23.0 25.3 37.9

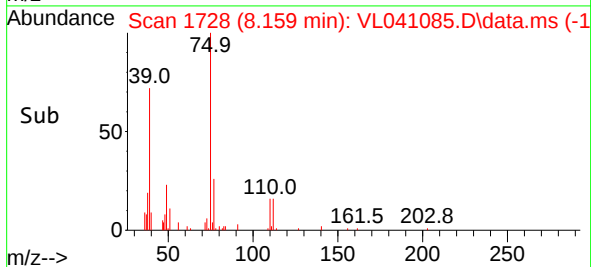
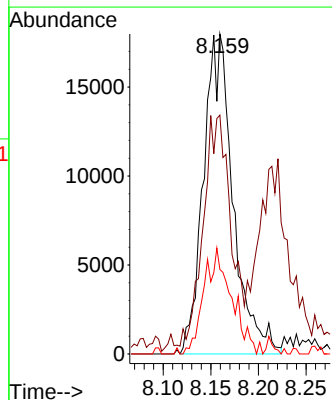
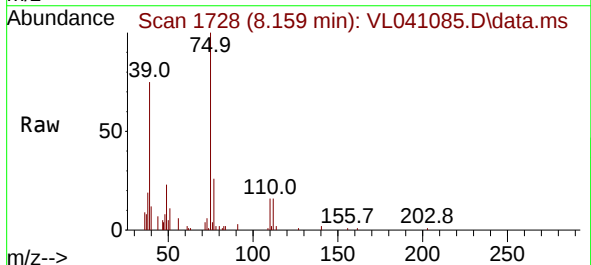
Manual Integrations
APPROVED

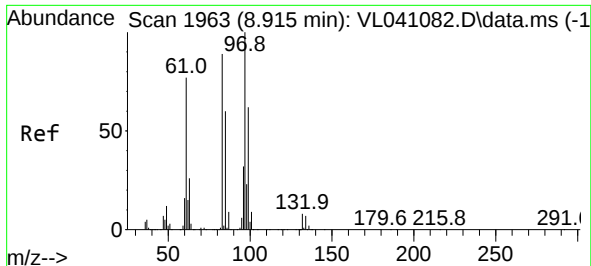
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#46
cis-1,3-Dichloropropene
Concen: 0.422 ppbv m
RT: 8.159 min Scan# 1728
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 75 Resp: 38973
Ion Ratio Lower Upper
75 100
39 74.7 53.3 79.9
77 26.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.508 ppbv m

RT: 8.918 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

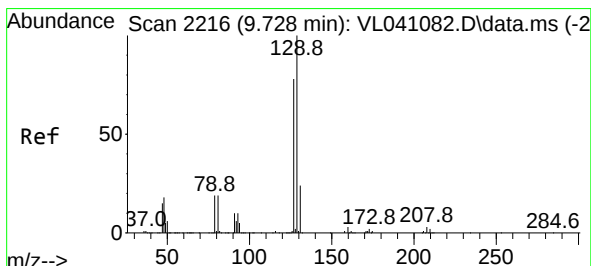
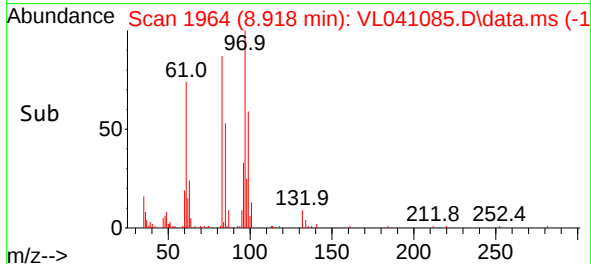
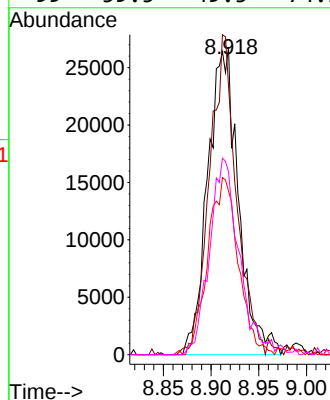
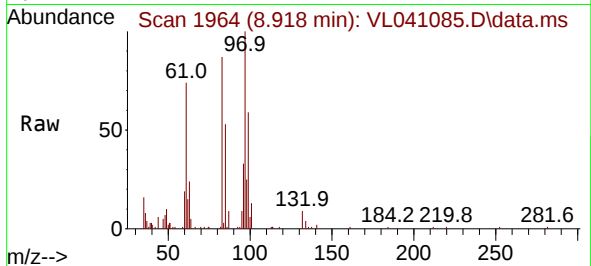
VSTDIC0.5

Tgt Ion: 97	Resp: 5999
Ion Ratio	Lower Upper
97 100	
83 87.4	71.1 106.7
85 53.2	48.2 72.2
99 59.5	49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#48

Dibromochloromethane

Concen: 0.431 ppbv m

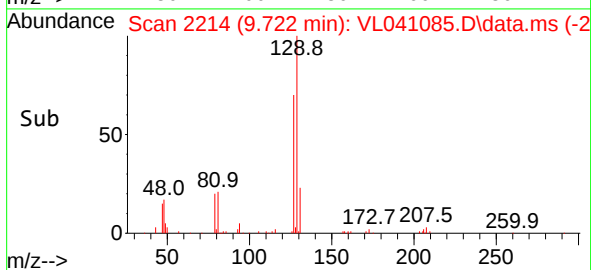
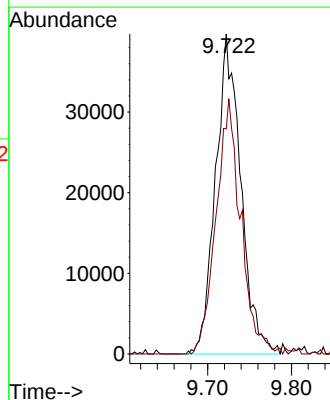
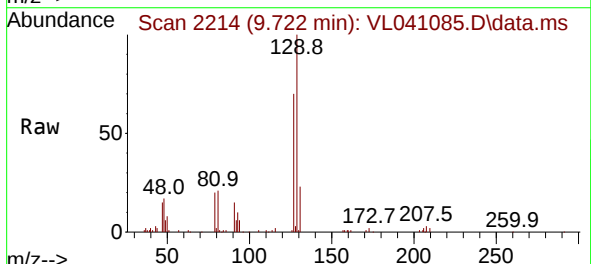
RT: 9.722 min Scan# 2214

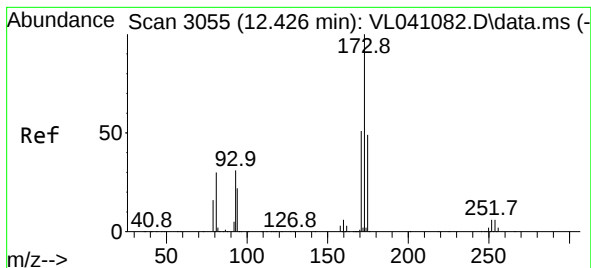
Delta R.T. -0.006 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Tgt Ion:129	Resp: 82864
Ion Ratio	Lower Upper
129 100	
127 79.2	39.6 118.8





#49

Bromoform

Concen: 0.391 ppbv

RT: 12.420 min Scan# 3055

Delta R.T. -0.006 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

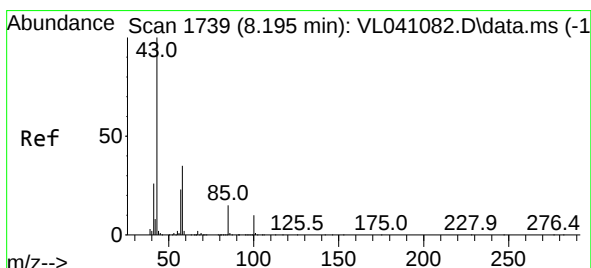
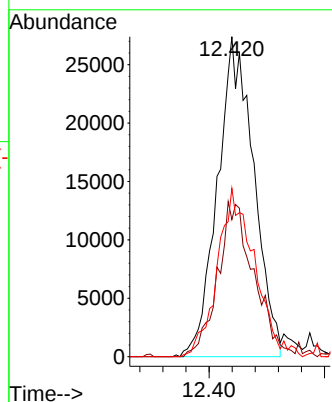
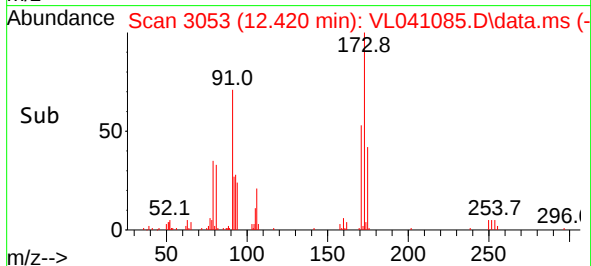
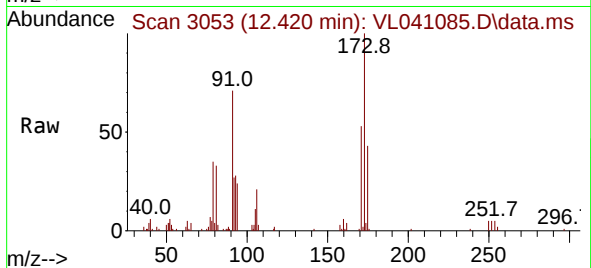
VSTDICC0.5

Tgt Ion:	173	Resp:	5971
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.0	58.6
171	54.1	41.8	62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#50

4-Methyl-2-Pentanone

Concen: 0.415 ppbv

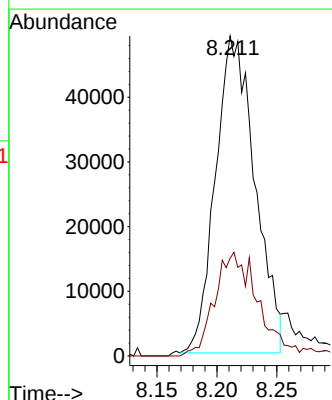
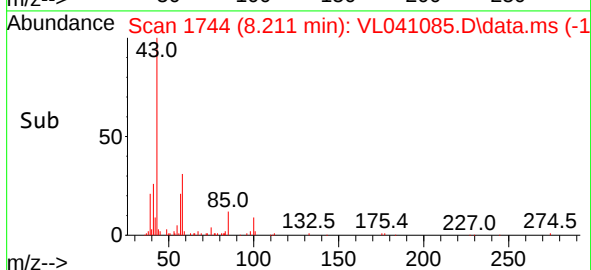
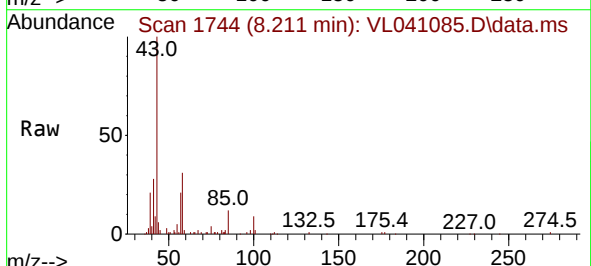
RT: 8.211 min Scan# 1744

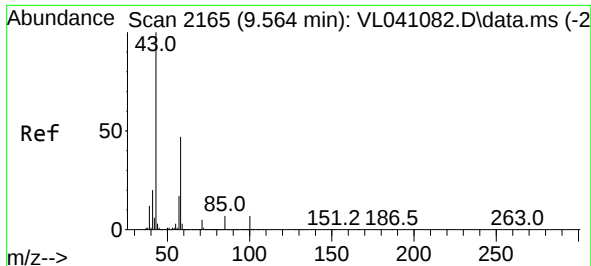
Delta R.T. 0.016 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

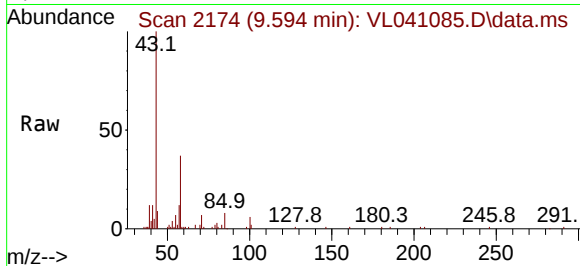
Tgt Ion:	43	Resp:	112325
Ion Ratio	Lower	Upper	
43	100		
58	37.6	28.3	42.5





#51
2-Hexanone
Concen: 0.410 ppbv m
RT: 9.594 min Scan# 2165
Delta R.T. 0.029 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

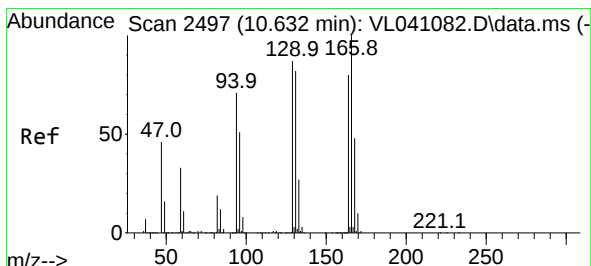
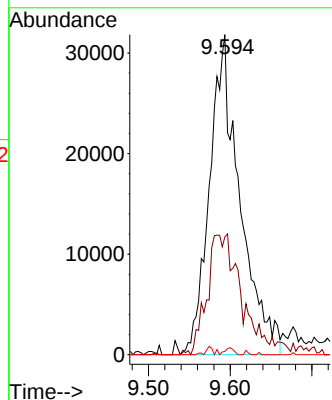
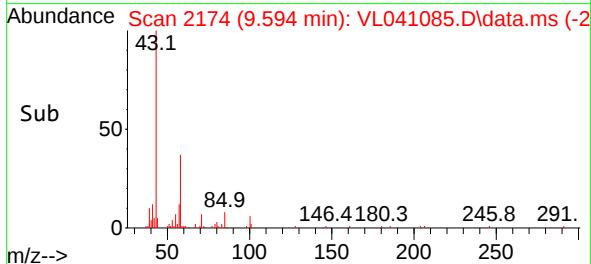
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 82180
Ion Ratio Lower Upper
43 100
58 0.0 37.4 56.2
98 0.5 0.4 0.6

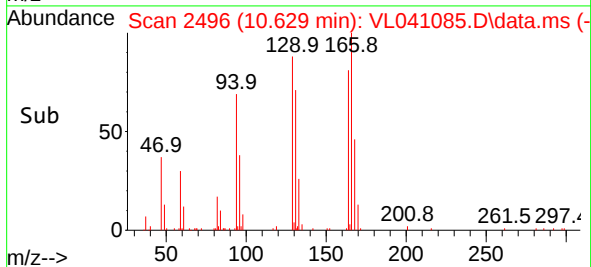
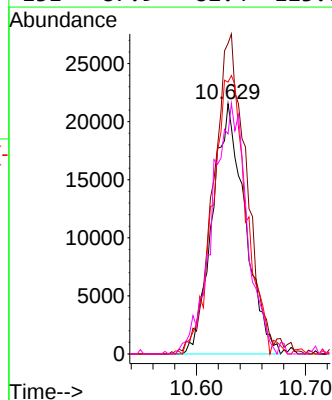
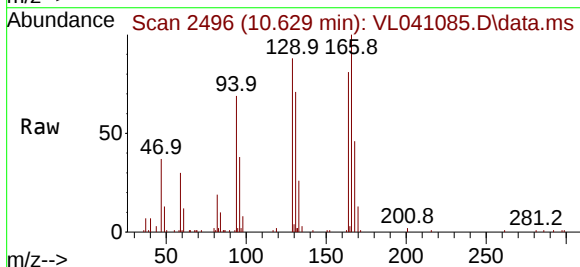
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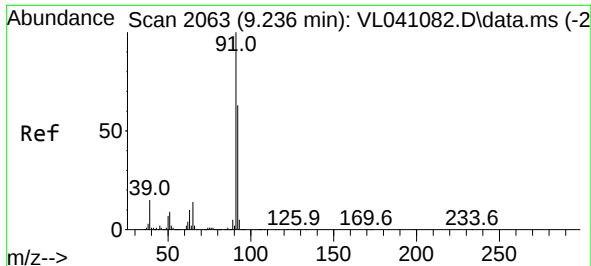
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Tetrachloroethene
Concen: 0.524 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion:164 Resp: 44989
Ion Ratio Lower Upper
164 100
166 124.1 100.6 150.8
129 108.6 87.2 130.8
131 87.9 82.4 123.6





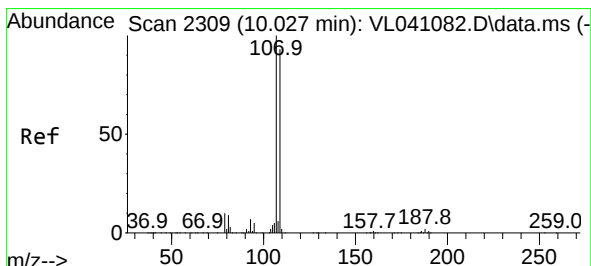
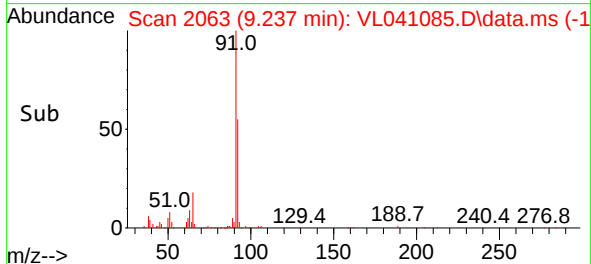
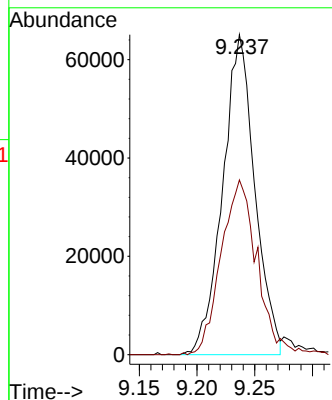
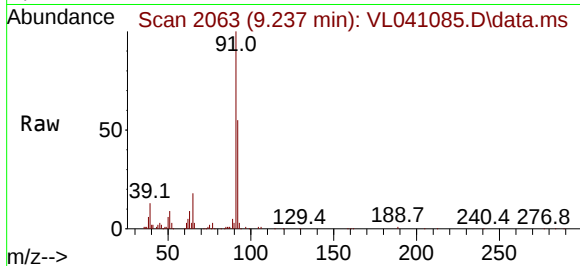
#53
Toluene
Concen: 0.424 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 126110
Ion Ratio Lower Upper
91 100
92 61.7 48.9 73.3

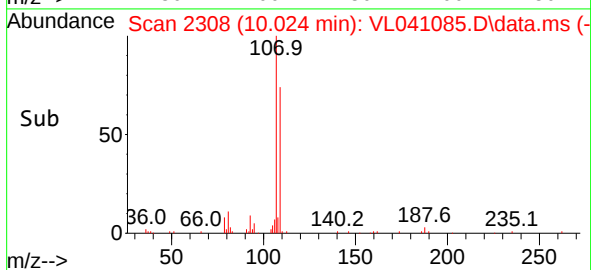
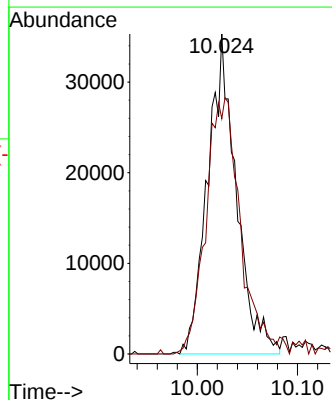
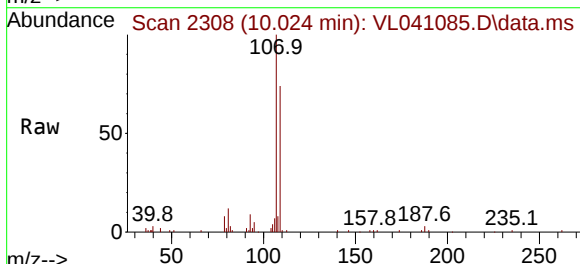
Manual Integrations
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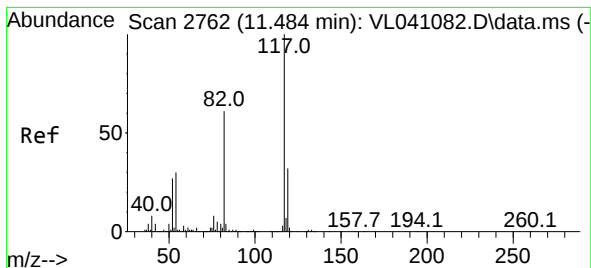
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54
1,2-Dibromoethane
Concen: 0.464 ppbv m
RT: 10.024 min Scan# 2308
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion:107 Resp: 70272
Ion Ratio Lower Upper
107 100
109 73.6 74.4 111.6#





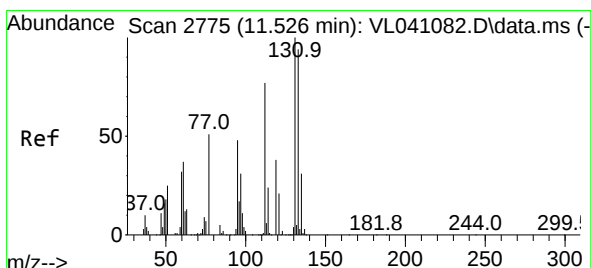
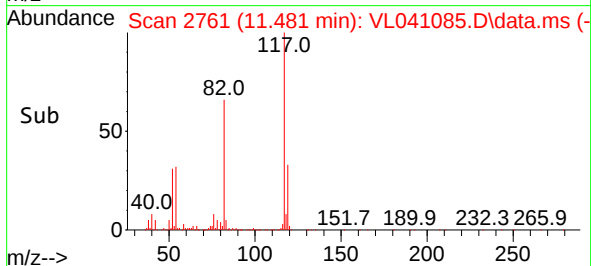
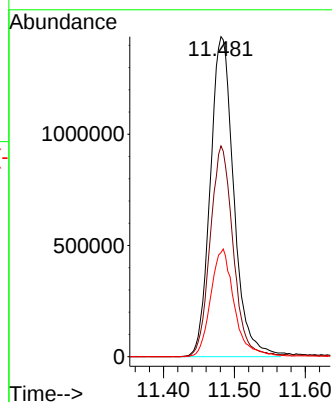
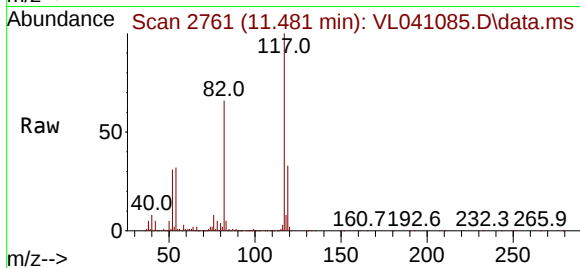
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 332027
Ion Ratio Lower Upper
117 100
82 65.3 51.4 77.2
119 34.2 23.7 35.5

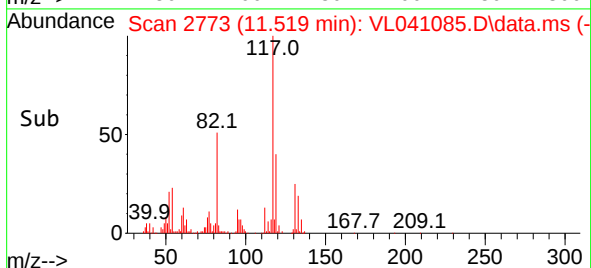
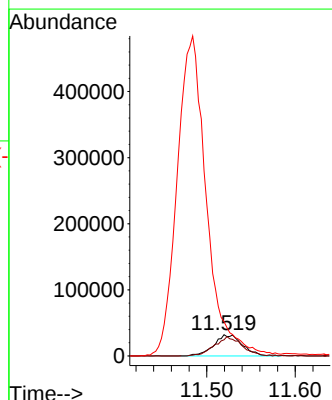
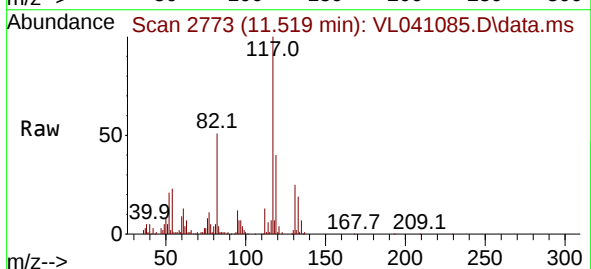
Manual Integrations
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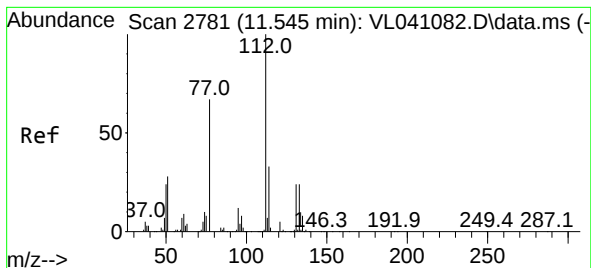
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.506 ppbv m
RT: 11.519 min Scan# 2773
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

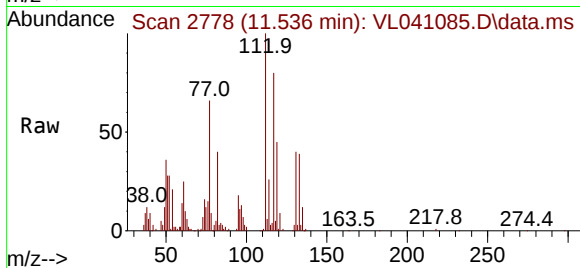
Tgt Ion:131 Resp: 71930
Ion Ratio Lower Upper
131 100
133 0.0 76.1 114.1#
119 0.0 51.1 76.7#





#57
Chlorobenzene
Concen: 0.486 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. -0.010 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

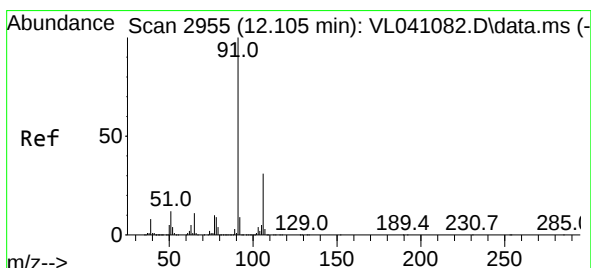
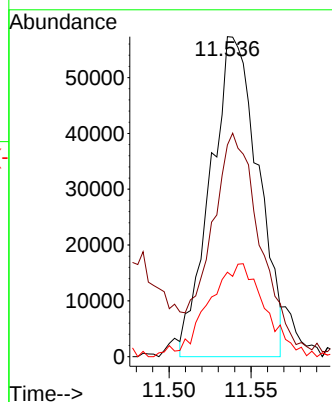
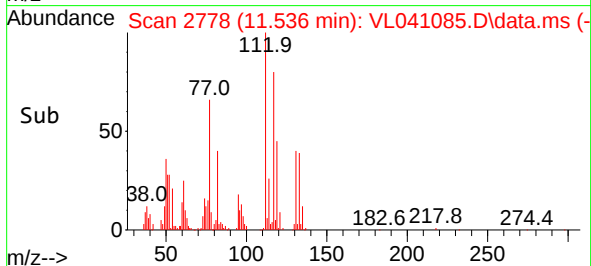
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 115492
Ion Ratio Lower Upper
112 100
77 54.7 54.6 81.8
114 25.6 29.4 36.0

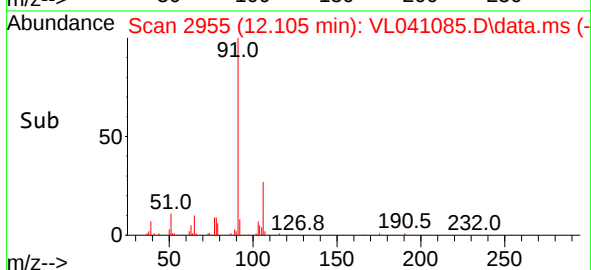
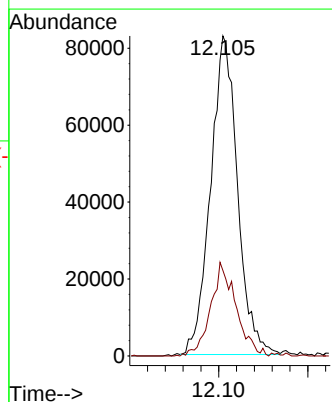
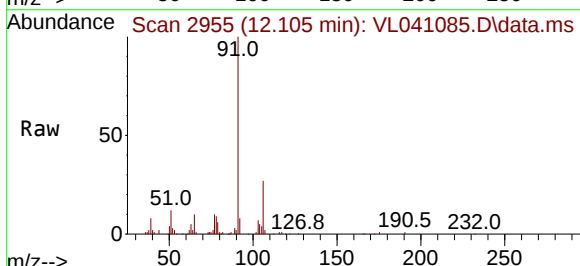
Manual Integrations
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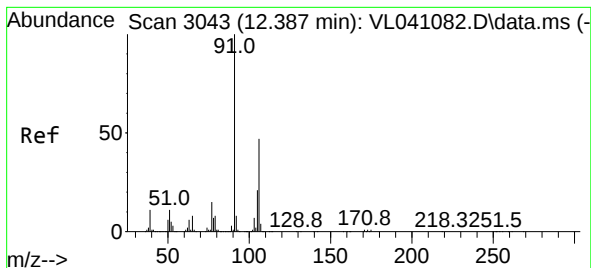
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
Ethyl Benzene
Concen: 0.447 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 91 Resp: 173860
Ion Ratio Lower Upper
91 100
106 26.8 24.6 36.8





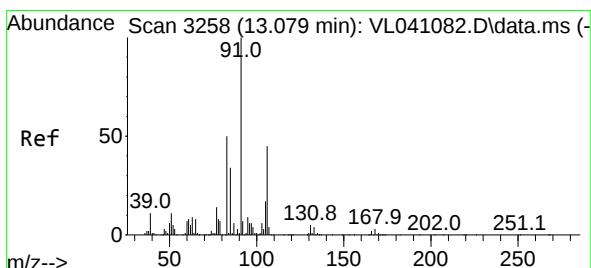
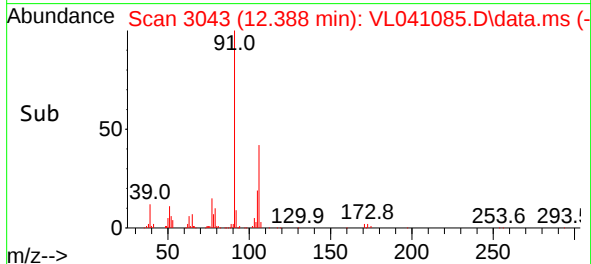
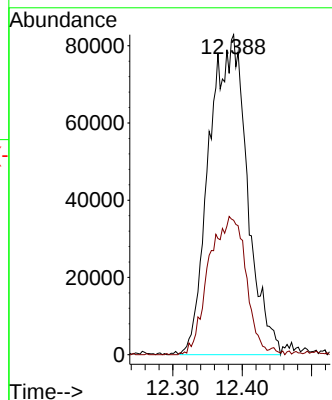
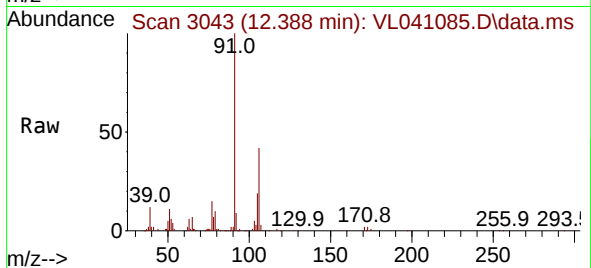
#59
m/p-Xylene
Concen: 0.922 ppbv m
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 314624
Ion Ratio Lower Upper
91 100
106 42.4 35.4 53.2

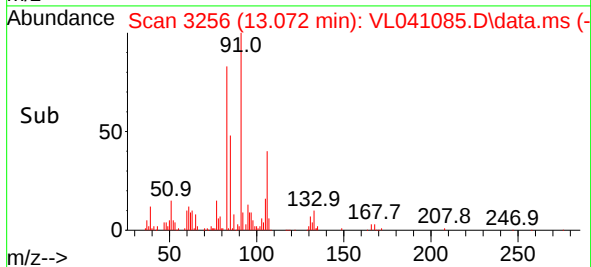
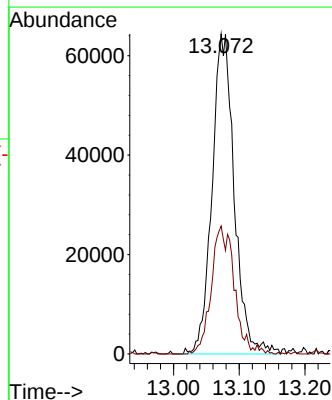
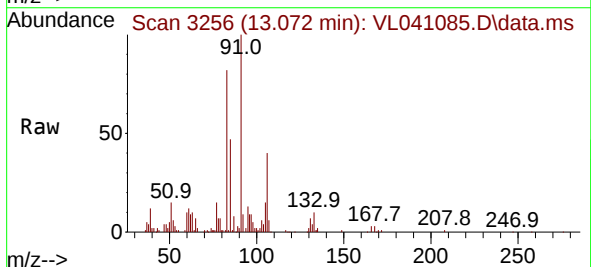
Manual Integrations
APPROVED

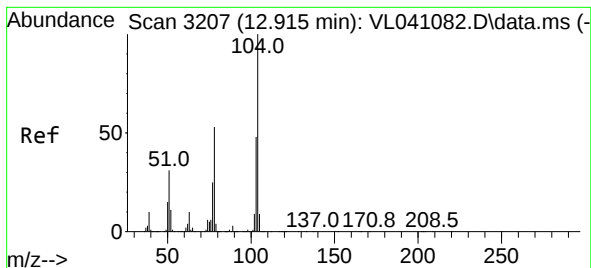
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
o-Xylene
Concen: 0.468 ppbv m
RT: 13.072 min Scan# 3256
Delta R.T. -0.006 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 91 Resp: 151509
Ion Ratio Lower Upper
91 100
106 41.4 22.4 67.3





#61

Styrene

Concen: 0.383 ppbv m

RT: 12.912 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

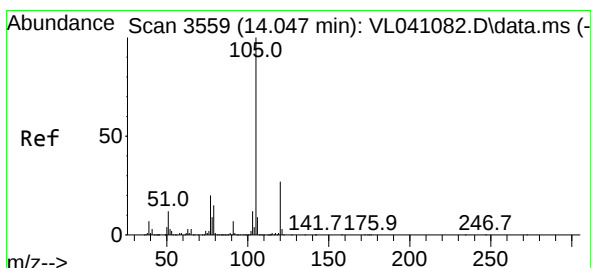
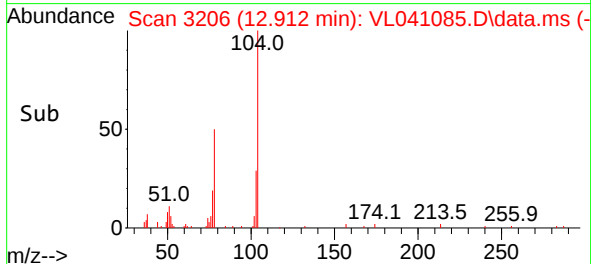
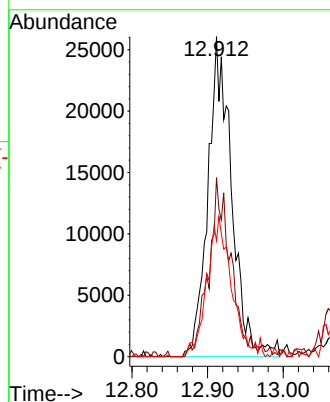
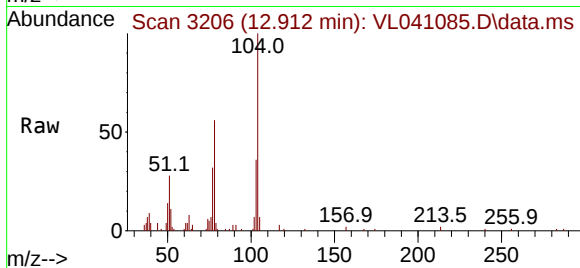
VSTDICC0.5

Tgt Ion:104	Resp:	56614
Ion Ratio	Lower	Upper
104	100	
78	54.0	42.6 64.0
103	46.3	37.3 55.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#62

Isopropylbenzene

Concen: 0.483 ppbv

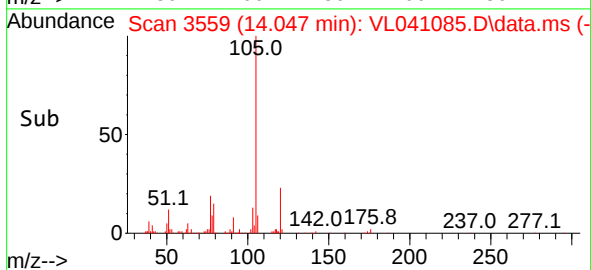
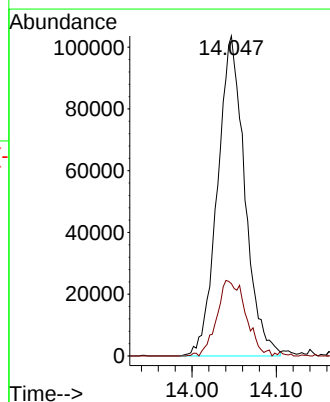
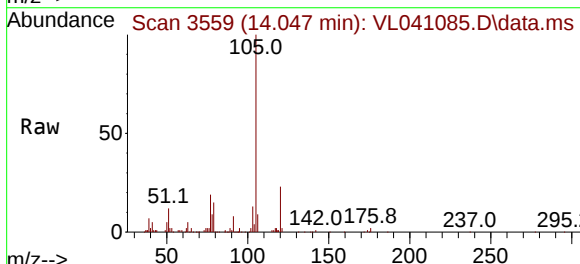
RT: 14.047 min Scan# 3559

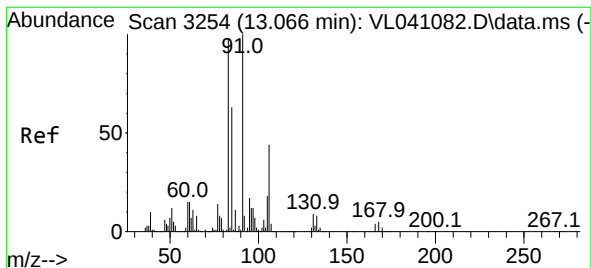
Delta R.T. 0.000 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

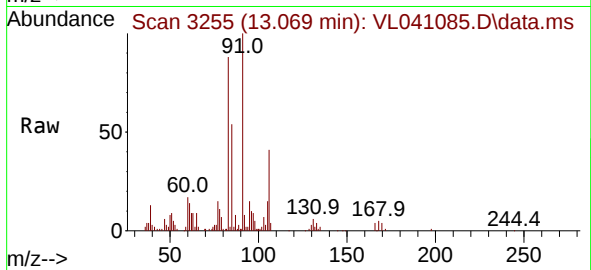
Tgt Ion:105	Resp:	232617
Ion Ratio	Lower	Upper
105	100	
120	25.6	20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 0.519 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

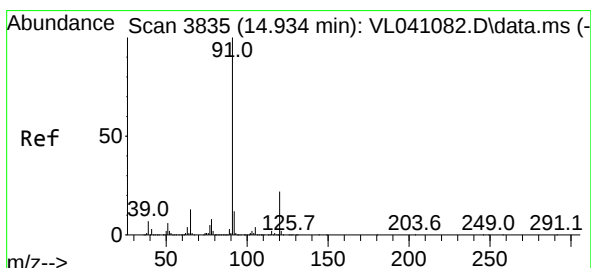
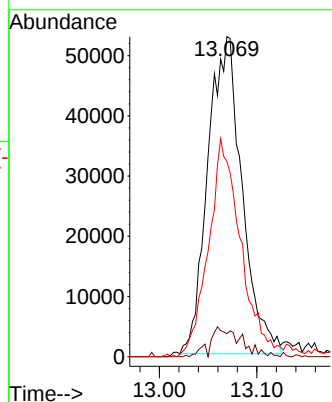
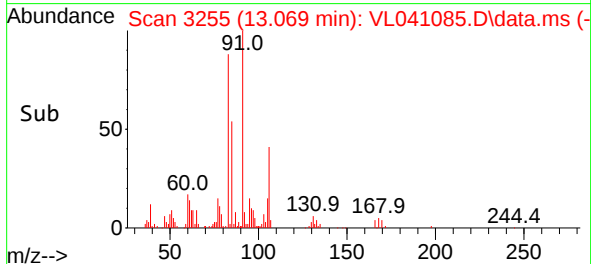
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



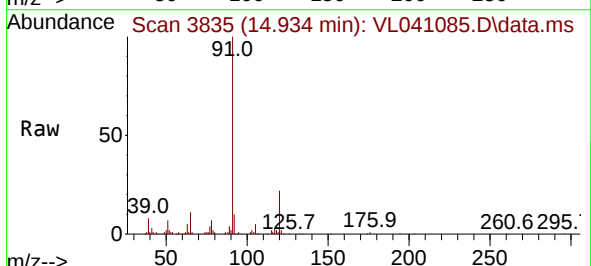
Tgt Ion: 83 Resp: 128400
Ion Ratio Lower Upper
83 100
131 8.6 4.7 14.0
85 66.1 32.7 98.1

Manual Integrations
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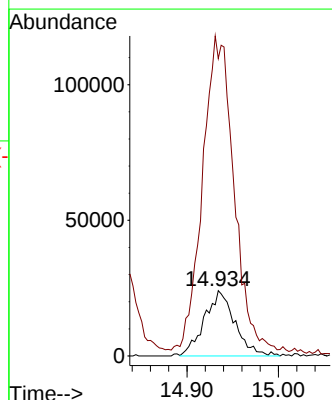
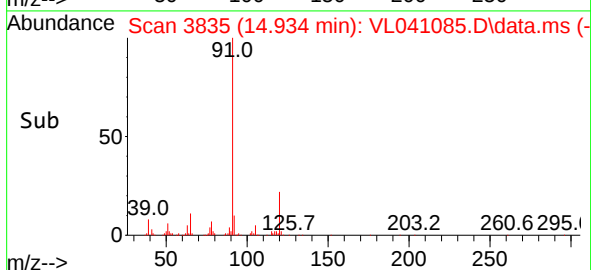
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

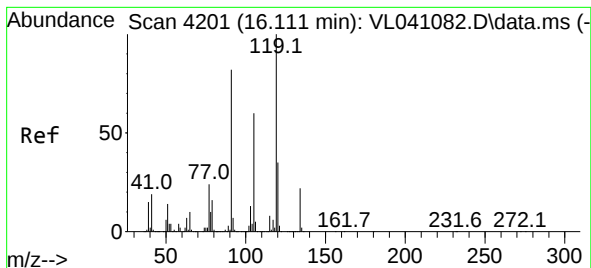


#64
n-propylbenzene
Concen: 0.459 ppbv m
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



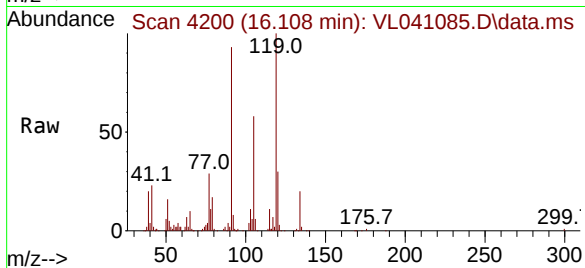
Tgt Ion:120 Resp: 55633
Ion Ratio Lower Upper
120 100
91 531.3 387.5 581.3





#65
tert-Butylbenzene
Concen: 0.468 ppbv m
RT: 16.108 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

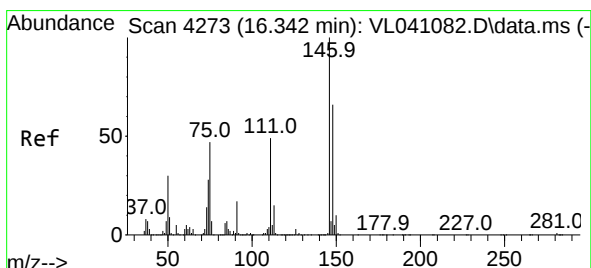
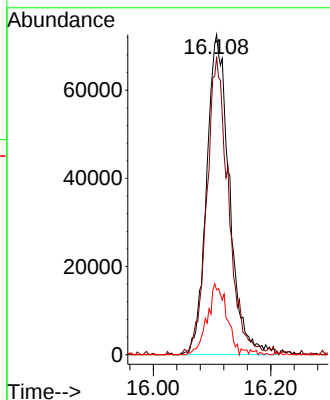
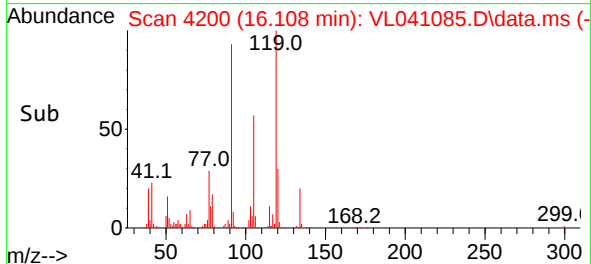
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 119 Resp: 195494
Ion Ratio Lower Upper
119 100
91 89.7 67.8 101.8
134 19.1 16.2 24.2

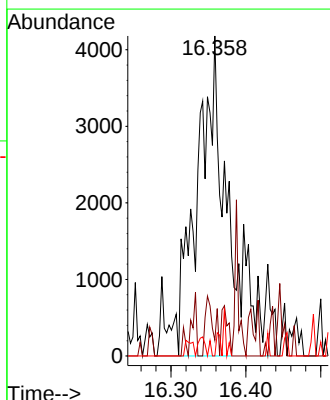
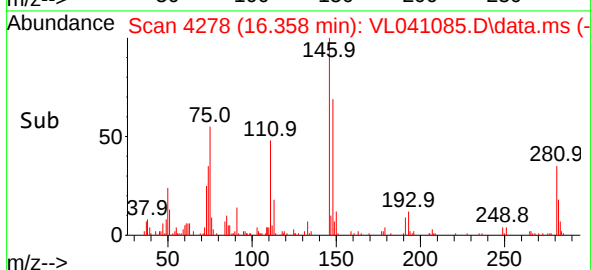
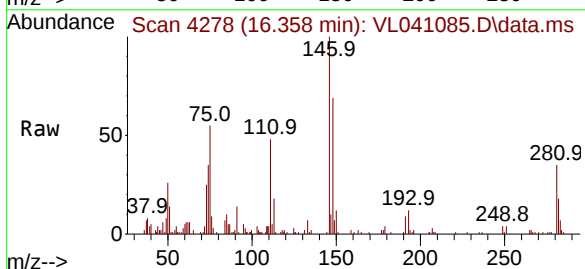
Manual Integrations
APPROVED

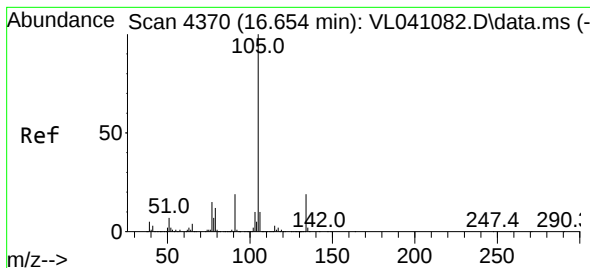
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#66
Benzyl Chloride
Concen: 0.444 ppbv m
RT: 16.358 min Scan# 4278
Delta R.T. 0.016 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

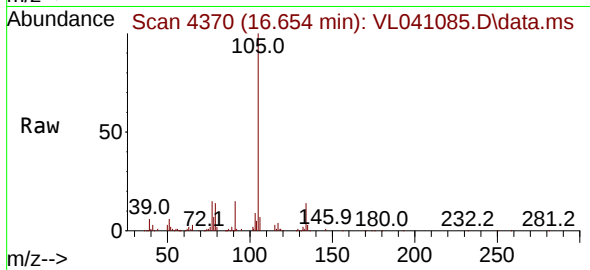
Tgt Ion: 91 Resp: 12492
Ion Ratio Lower Upper
91 100
126 7.3 14.1 21.1#
128 2.7 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 0.469 ppbv
 RT: 16.654 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00

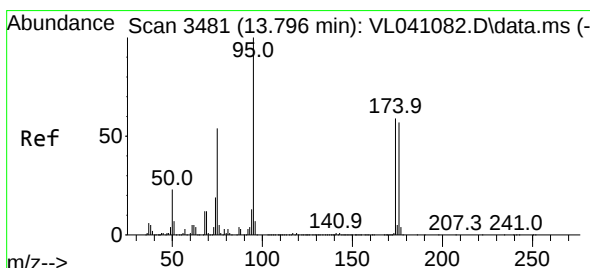
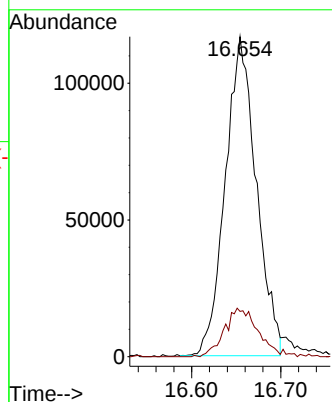
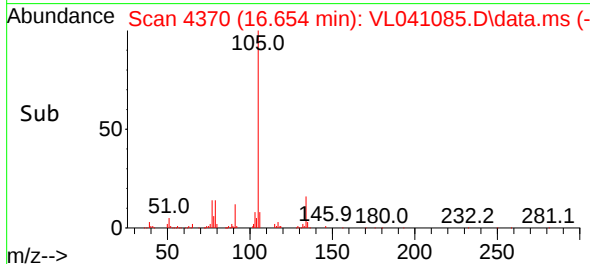
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



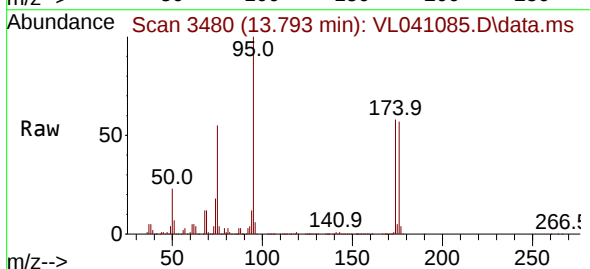
Tgt Ion:105 Resp: 282060
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.3 21.5

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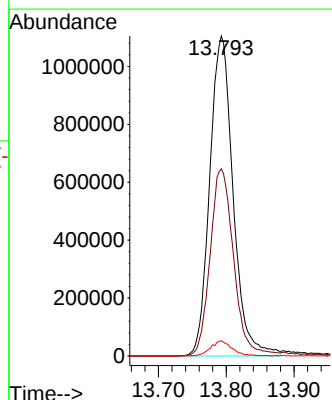
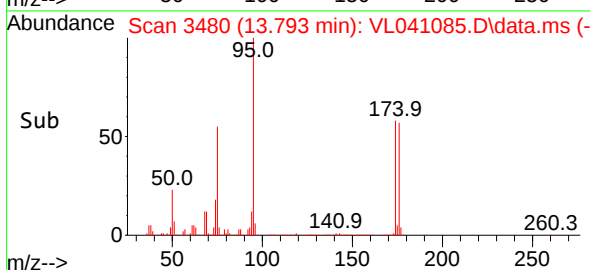
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

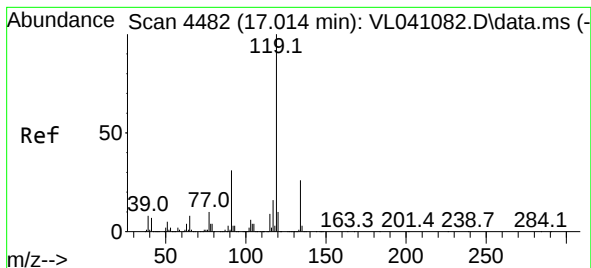


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.201 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. -0.003 min
 Lab File: VL041085.D
 Acq: 11 Mar 2024 13:00



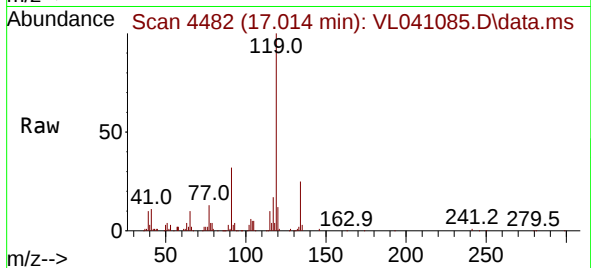
Tgt Ion: 95 Resp: 2648169
 Ion Ratio Lower Upper
 95 100
 174 60.5 47.8 71.8
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 0.437 ppbv
RT: 17.014 min Scan# 4482
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

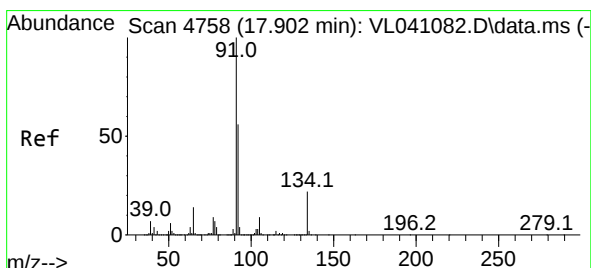
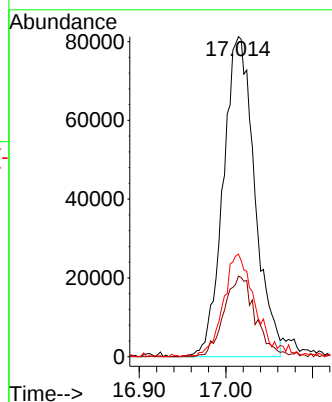
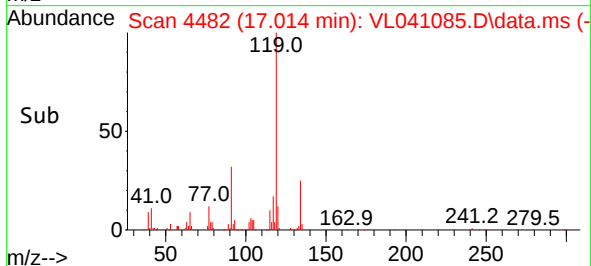
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:119 Resp: 204998
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 33.3 24.7 37.1

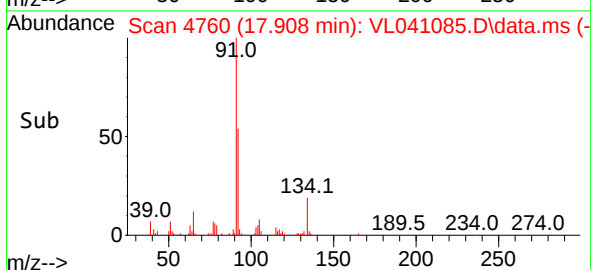
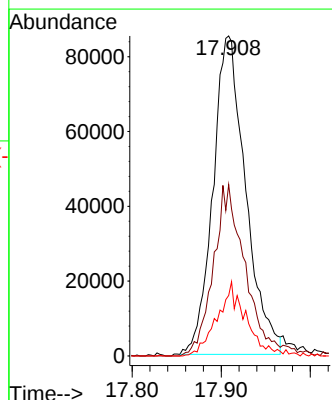
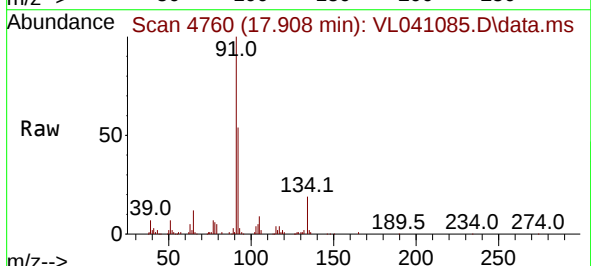
Manual Integrations
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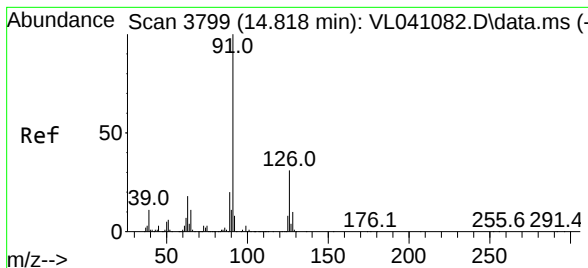
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
n-Butylbenzene
Concen: 0.428 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.007 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion: 91 Resp: 216852
Ion Ratio Lower Upper
91 100
92 53.3 43.4 65.2
134 21.0 17.4 26.0





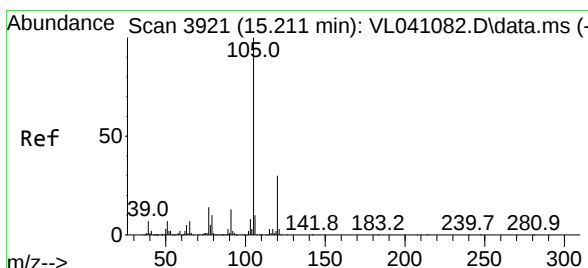
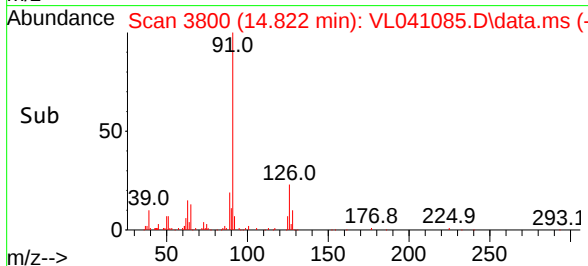
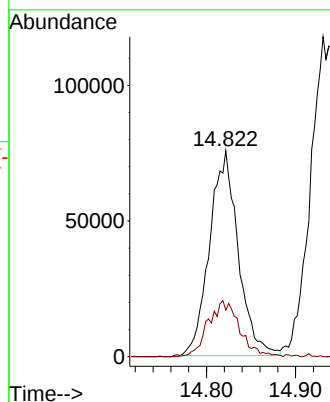
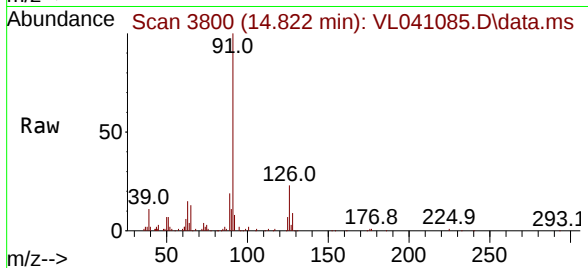
#71
2-Chlorotoluene
Concen: 0.459 ppbv
RT: 14.822 min Scan# 3799
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 169024
Ion Ratio Lower Upper
91 100
126 30.3 12.2 48.8

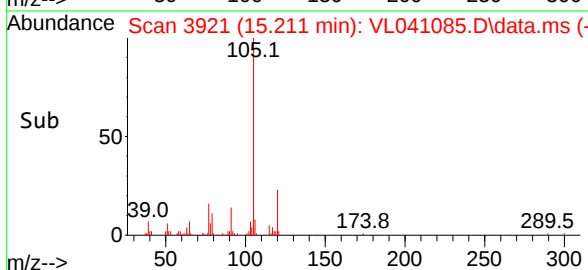
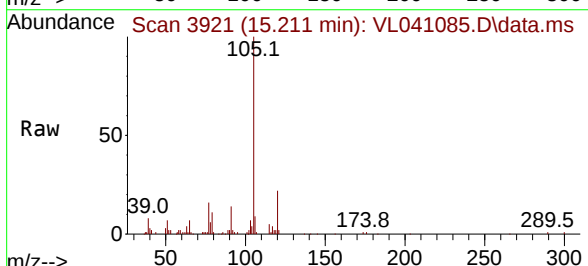
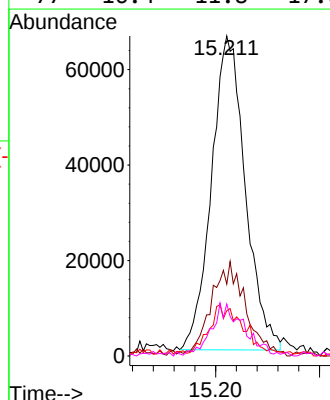
Manual Integrations
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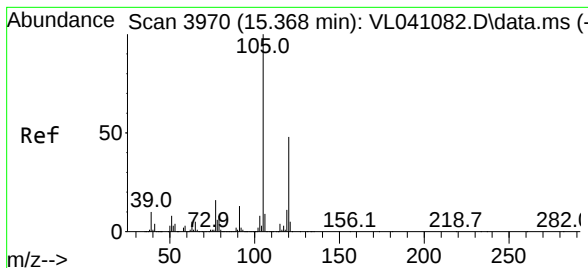
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#72
4-Ethyltoluene
Concen: 0.417 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

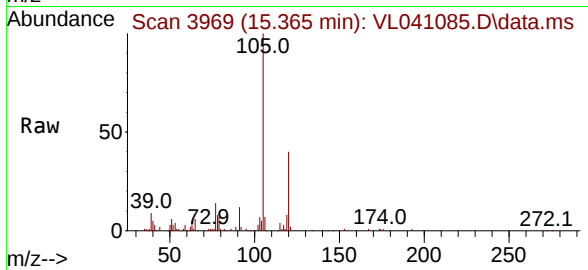
Tgt Ion:105 Resp: 148632
Ion Ratio Lower Upper
105 100
120 31.4 23.8 35.8
91 18.9 10.9 16.3#
77 16.4 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 0.436 ppbv
RT: 15.365 min Scan# 3970
Delta R.T. -0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

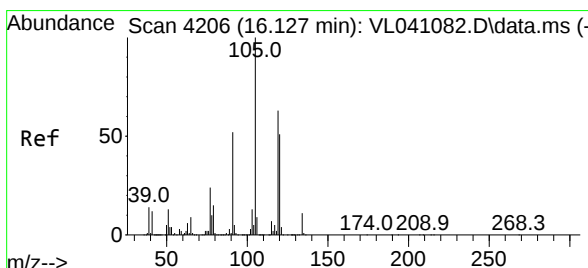
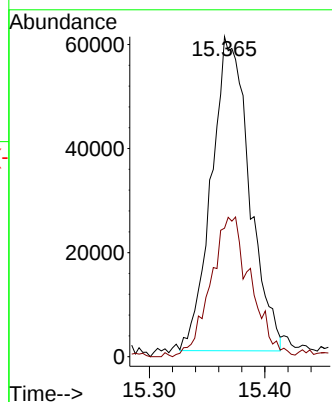
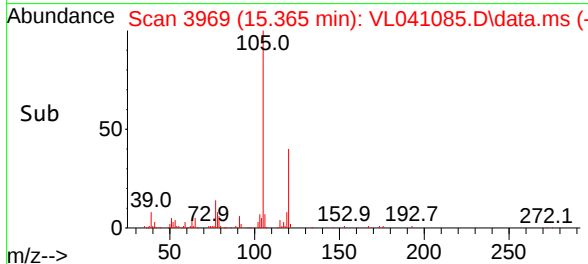
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



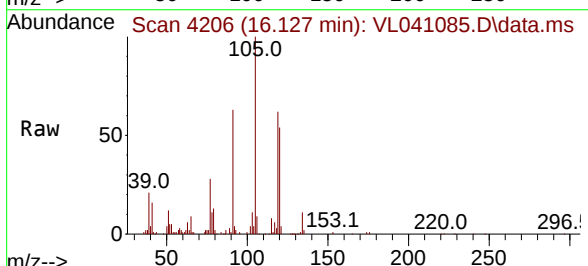
Tgt Ion:105 Resp: 13772
Ion Ratio Lower Upper
105 100
120 39.9 38.7 58.1

Manual Integrations
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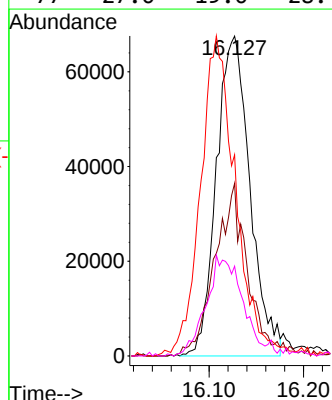
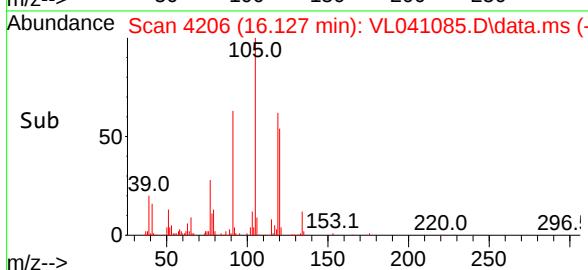
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

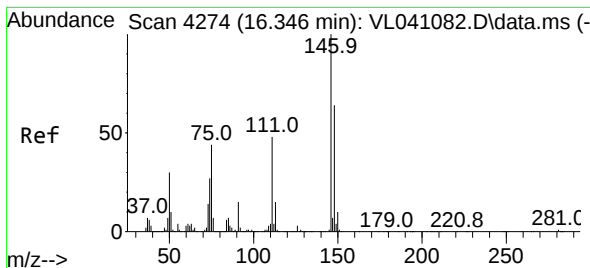


#74
1,2,4-Trimethylbenzene
Concen: 0.463 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.000 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



Tgt Ion:105 Resp: 166779
Ion Ratio Lower Upper
105 100
120 53.1 40.4 60.6
91 60.2 41.4 62.0
77 27.0 19.0 28.4





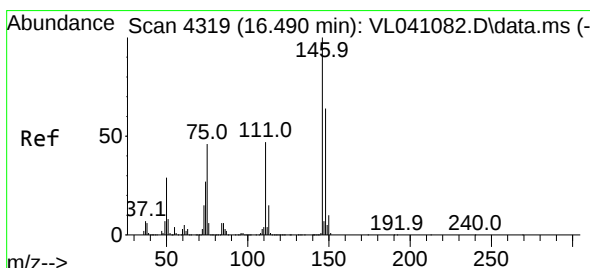
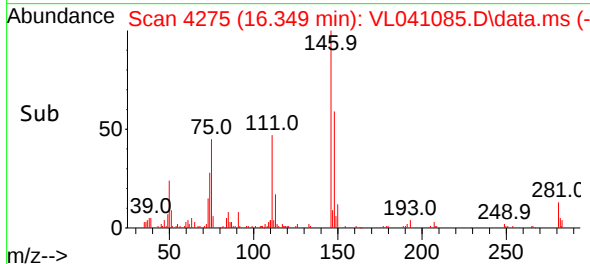
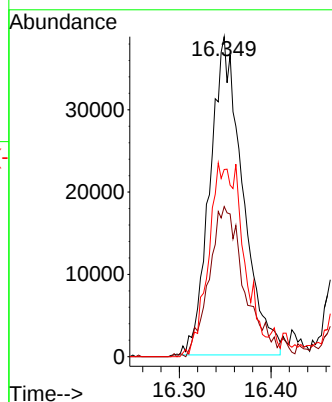
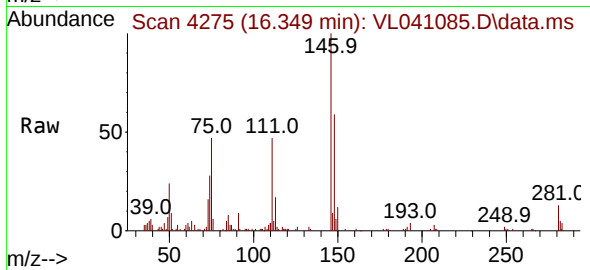
#75
1,3-Dichlorobenzene
Concen: 0.467 ppbv
RT: 16.349 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 96158
Ion Ratio Lower Upper
146 100
111 53.4 24.1 72.2
148 68.9 32.6 97.7

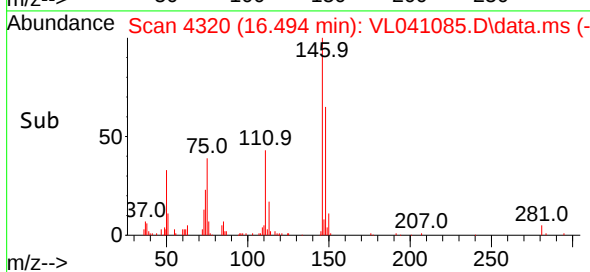
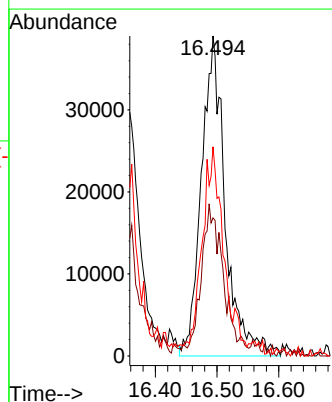
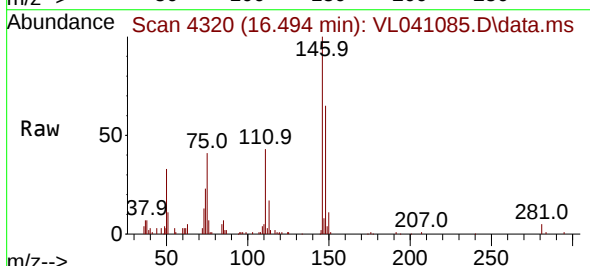
Manual Integrations
APPROVED

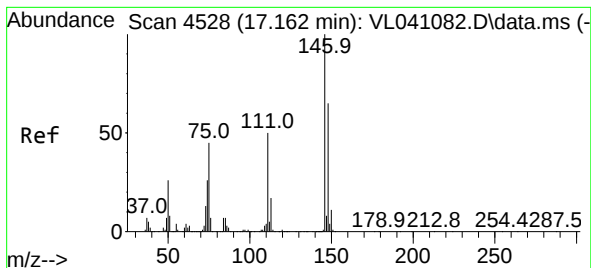
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,4-Dichlorobenzene
Concen: 0.506 ppbv m
RT: 16.494 min Scan# 4320
Delta R.T. 0.003 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

Tgt Ion:146 Resp: 104758
Ion Ratio Lower Upper
146 100
111 47.4 23.9 71.7
148 63.4 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 0.466 ppbv

RT: 17.162 min Scan# 4528

Delta R.T. 0.000 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

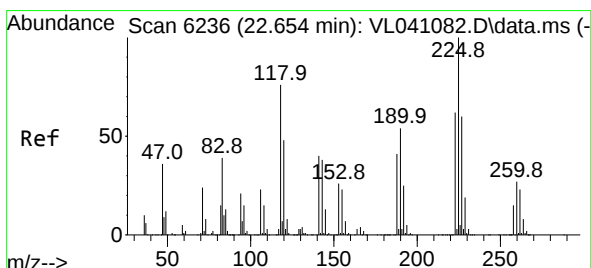
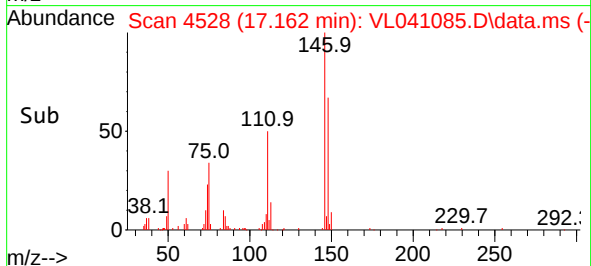
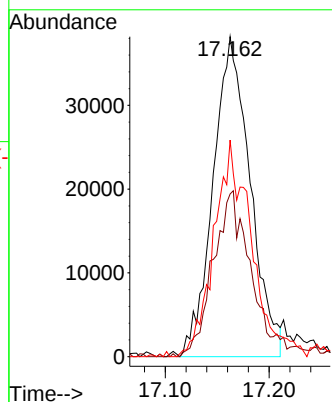
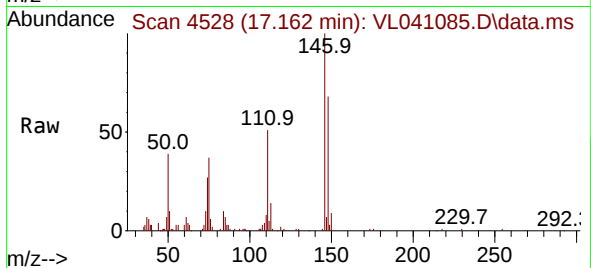
VSTDIC0.5

Tgt Ion:	146	Resp:	9463
Ion Ratio	Lower	Upper	
146	100		
111	55.3	25.2	75.6
148	68.5	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.544 ppbv m

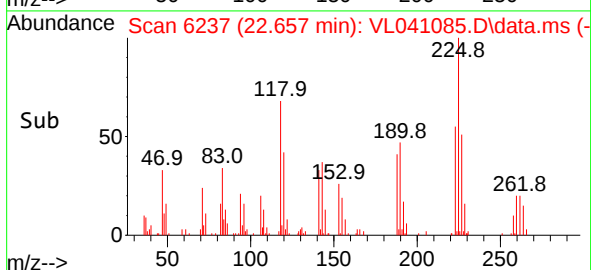
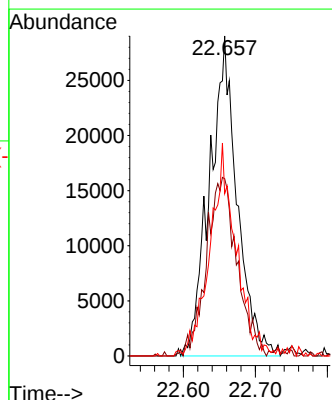
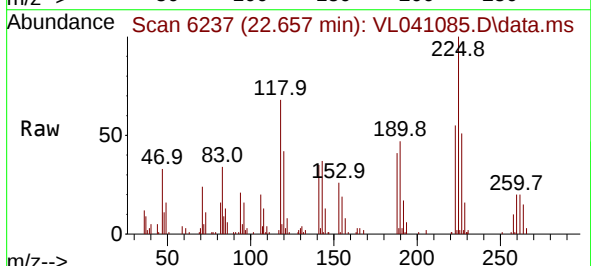
RT: 22.657 min Scan# 6237

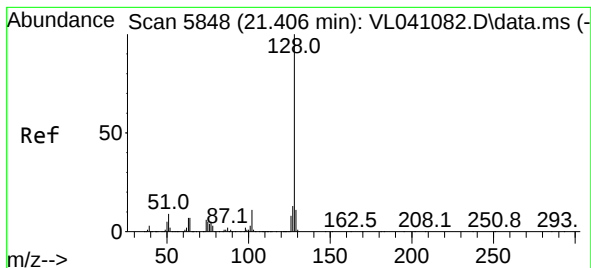
Delta R.T. 0.003 min

Lab File: VL041085.D

Acq: 11 Mar 2024 13:00

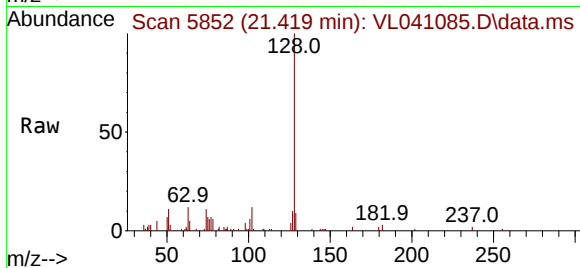
Tgt Ion:	225	Resp:	77311
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.1	76.7
227	63.4	51.1	76.7





#79
Naphthalene
Concen: 0.399 ppbv m
RT: 21.419 min Scan# 5852
Delta R.T. 0.013 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00

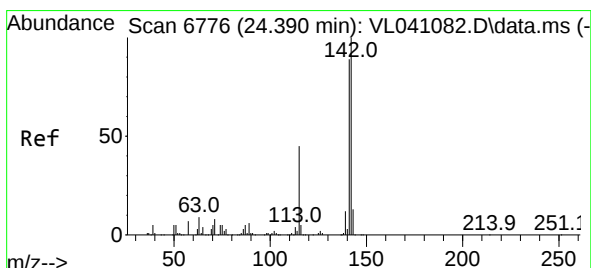
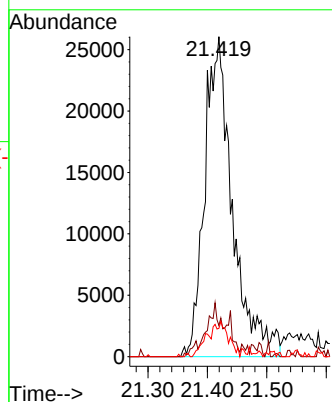
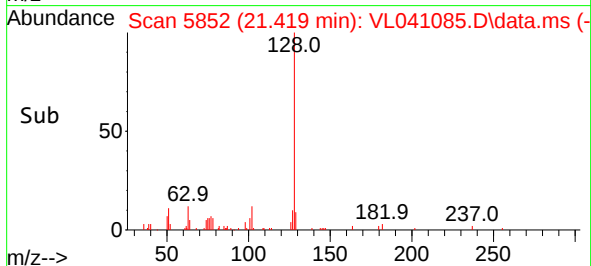
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



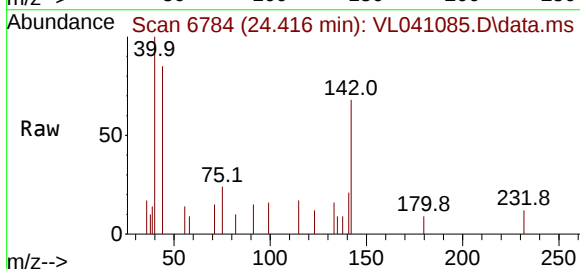
Tgt Ion:128 Resp: 8470
Ion Ratio Lower Upper
128 100
127 9.8 10.6 15.8
129 8.9 9.0 13.6

Manual Integrations
APPROVED

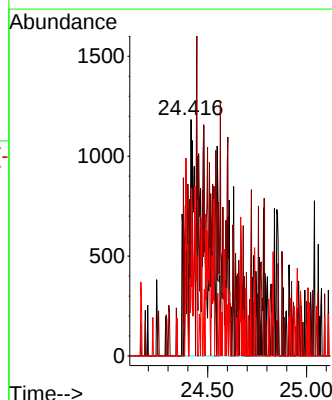
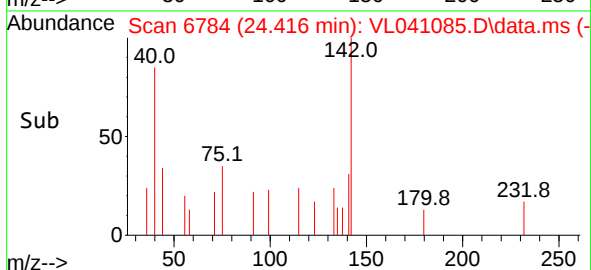
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

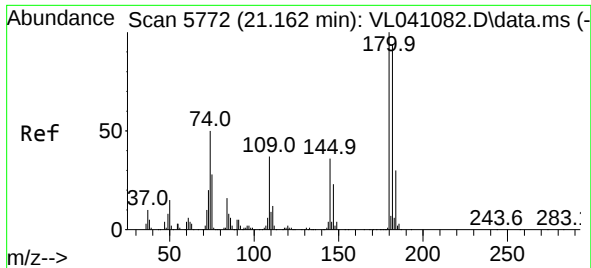


#80
Naphthalene,2-methyl-
Concen: 0.376 ppbv m
RT: 24.416 min Scan# 6784
Delta R.T. 0.026 min
Lab File: VL041085.D
Acq: 11 Mar 2024 13:00



Tgt Ion:142 Resp: 10409
Ion Ratio Lower Upper
142 100
141 0.0 61.3 91.9#
115 4.7 35.4 53.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.410 ppbv m

RT: 21.175 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041085.D

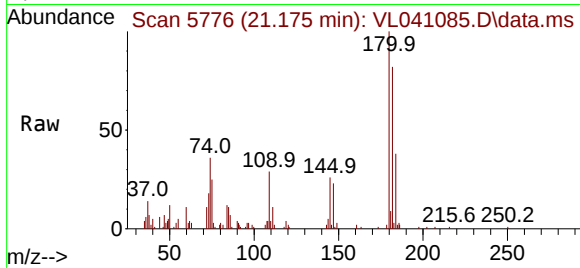
Acq: 11 Mar 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 4975

Ion Ratio Lower Upper

180 100

182 0.0 78.7 118.1

184 0.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024

