

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040989.D
 Acq On : 23 Jan 2024 9:04
 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 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 10:22:51 2024

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

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

QLast Update : Tue Jan 23 10:20:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	928172	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2738886	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2387823	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 1819815 10.347 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.697	85	121915	0.690	ppbv	99
3) Chlorodifluoromethane	2.642	51	95677	0.685	ppbv	100
4) Chloromethane	2.780	50	32284	0.627	ppbv	90
5) Vinyl Chloride	2.890	62	34273	0.689	ppbv	94
6) Bromomethane	3.092	94	14190	0.643	ppbv	86
7) Chloroethane	3.166	64	12256	0.692	ppbv #	67
8) Dichlorotetrafluoroethane	2.825	85	92877	0.729	ppbv	94
9) Propene	2.665	41	28137	0.611	ppbv	91
10) Heptane	7.545	43	65901	0.575	ppbv	96
11) Trichlorofluoromethane	3.529	101	101270	0.733	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.034	101	72491	0.675	ppbv	96
13) Ethanol	3.230	45	5183	0.446	ppbv #	37
14) Bromoethene	3.333	108	27708	0.704	ppbv	93
15) Acetone	3.449	43	78532	0.705	ppbv	94
16) 1,3-Butadiene	2.951	39	27619	0.576	ppbv #	80
17) tert-Butyl alcohol	3.857	59	50601	0.614	ppbv #	91
18) 1,1-Dichloroethene	3.845	96	29050	0.656	ppbv	85
19) Isopropyl Alcohol	3.565	45	36533	0.629	ppbv #	97
20) Methylene Chloride	3.899	84	29398	0.741	ppbv	91
21) Allyl Chloride	3.963	41	40693	0.618	ppbv	98
22) trans-1,2-Dichloroethene	4.410	96	27275	0.540	ppbv	86
23) Vinyl Acetate	4.597	43	69158m	0.563	ppbv	
24) 1,1-Dichloroethane	4.529	63	62001	0.564	ppbv	99
25) Ethyl Acetate	5.176	43	108464	0.562	ppbv #	97
26) Hexane	5.172	57	49209m	0.576	ppbv	
27) Carbon Disulfide	4.092	76	53933	0.466	ppbv #	85
28) Methyl tert-Butyl Ether	4.568	73	44678m	0.563	ppbv	
29) Chloroform	5.240	83	85764	0.595	ppbv	93
30) Cyclohexane	6.571	84	41124m	0.577	ppbv	
31) cis-1,2-Dichloroethene	5.041	61	46538	0.530	ppbv	95
32) 1,1,1-Trichloroethane	5.963	97	93203m	0.668	ppbv	
34) 2-Butanone	4.764	43	66418	0.458	ppbv	97
35) Carbon Tetrachloride	6.459	117	87986	0.513	ppbv	93
36) Benzene	6.330	78	107413	0.502	ppbv #	92
37) 1,2-Dichloroethane	5.771	62	68319	0.533	ppbv	98
38) Trichloroethene	7.250	130	43006m	0.535	ppbv	
39) 1,2-Dichloropropane	7.031	63	44770	0.532	ppbv	92
40) 1,4-Dioxane	7.291	88	17664m	0.497	ppbv	
41) Tetrahydrofuran	5.545	42	43901m	0.498	ppbv	
42) Bromodichloromethane	7.208	83	90069	0.487	ppbv #	97
43) Methyl Methacrylate	7.442	69	35635m	0.424	ppbv	
44) 2,2,4-Trimethylpentane	7.291	57	185070	0.509	ppbv	97
45) t-1,3-Dichloropropene	8.668	75	22974m	0.369	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 10:22:51 2024

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

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

QLast Update : Tue Jan 23 10:20:22 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	30237m	0.392	ppbv	
47) 1,1,2-Trichloroethane	8.857	97	50355m	0.564	ppbv	
48) Dibromochloromethane	9.674	129	67002	0.440	ppbv	94
49) Bromoform	12.365	173	53430m	0.455	ppbv	
50) 4-Methyl-2-Pentanone	8.163	43	103531m	0.472	ppbv	
51) 2-Hexanone	9.536	43	70126m	0.444	ppbv	
52) Tetrachloroethene	10.571	164	35199m	0.488	ppbv	
53) Toluene	9.182	91	107034	0.451	ppbv	98
54) 1,2-Dibromoethane	9.970	107	58864	0.481	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.471	131	57937	0.555	ppbv #	1
57) Chlorobenzene	11.484	112	99525	0.566	ppbv #	94
58) Ethyl Benzene	12.050	91	138931	0.453	ppbv	96
59) m/p-Xylene	12.336	91	269359m	1.033	ppbv	
60) o-Xylene	13.018	91	127581m	0.519	ppbv	
61) Styrene	12.860	104	46597m	0.399	ppbv	
62) Isopropylbenzene	13.992	105	194975	0.535	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.011	83	109335m	0.617	ppbv	
64) n-propylbenzene	14.876	120	43439	0.475	ppbv #	62
65) tert-Butylbenzene	16.050	119	166521m	0.537	ppbv	
66) Benzyl Chloride	16.291	91	11004m	0.519	ppbv	
67) sec-Butylbenzene	16.596	105	247807	0.550	ppbv	97
69) p-Isopropyltoluene	16.957	119	176880	0.505	ppbv	95
70) n-Butylbenzene	17.850	91	198678m	0.547	ppbv	
71) 2-Chlorotoluene	14.761	91	150089m	0.535	ppbv	
72) 4-Ethyltoluene	15.156	105	136772	0.507	ppbv	98
73) 1,3,5-Trimethylbenzene	15.317	105	125413m	0.539	ppbv	
74) 1,2,4-Trimethylbenzene	16.069	105	149154	0.576	ppbv #	90
75) 1,3-Dichlorobenzene	16.297	146	80363	0.543	ppbv	93
76) 1,4-Dichlorobenzene	16.432	146	83495m	0.577	ppbv	
77) 1,2-Dichlorobenzene	17.108	146	85889m	0.602	ppbv	
78) Hexachloro-1,3-Butadiene	22.590	225	56292m	0.642	ppbv	
79) Naphthalene	21.349	128	68058m	0.545	ppbv	
80) Naphthalene,2-methyl-	24.368	142	10555m	0.463	ppbv	
81) 1,2,4-Trichlorobenzene	21.108	180	40946m	0.571	ppbv	

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

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Instrument :
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ClientSampleId :
VSTDIC0.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

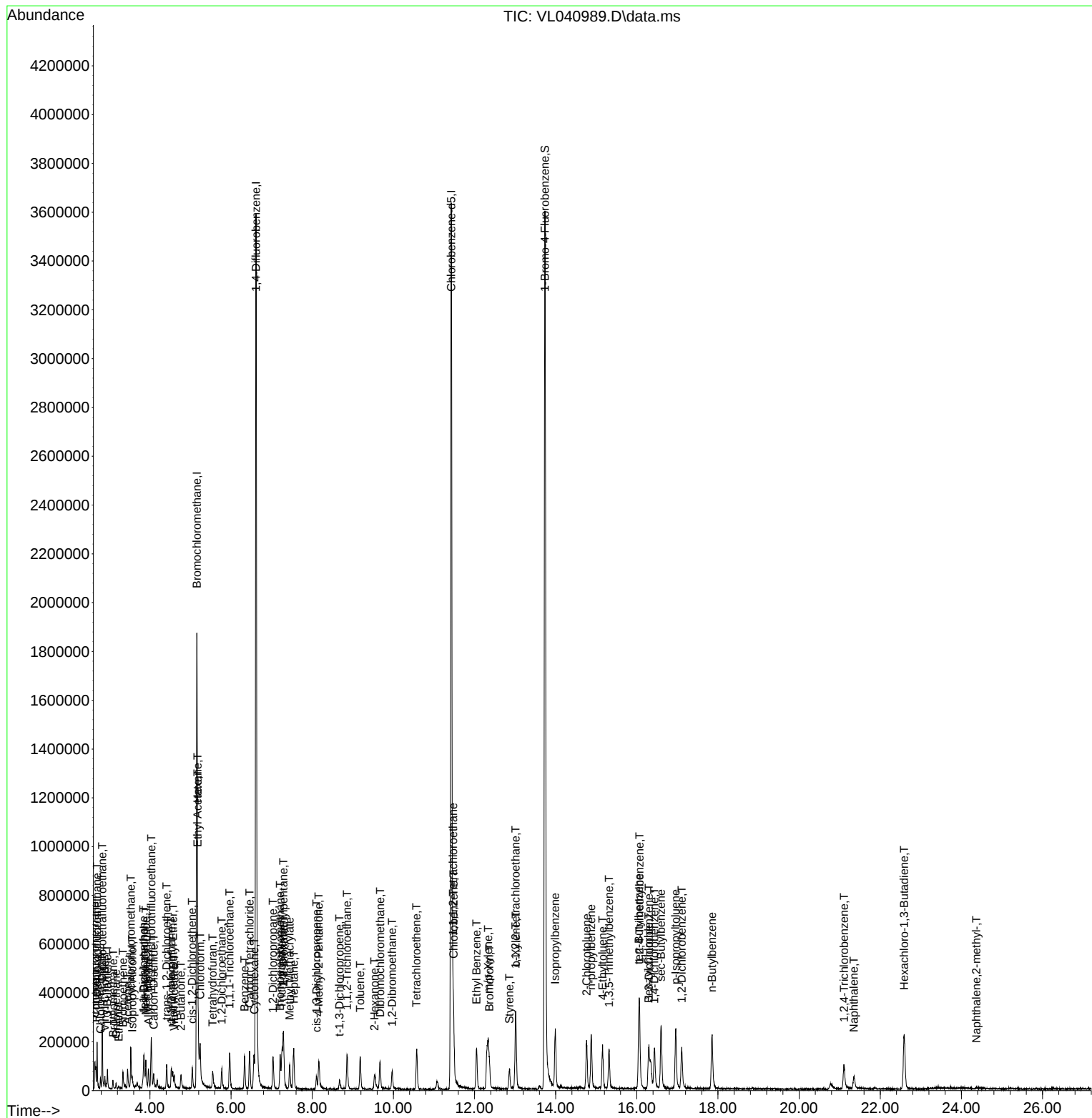
Quant Time: Jan 23 10:22:51 2024

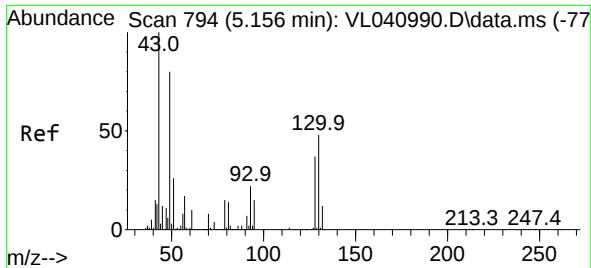
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

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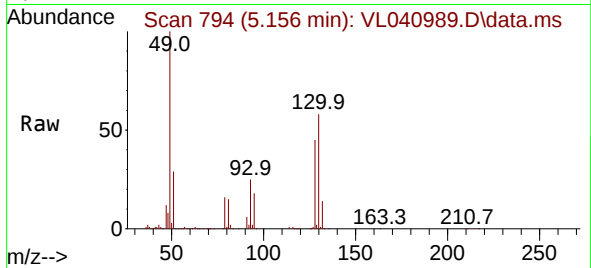
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

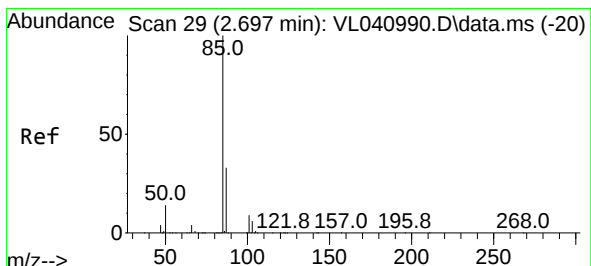
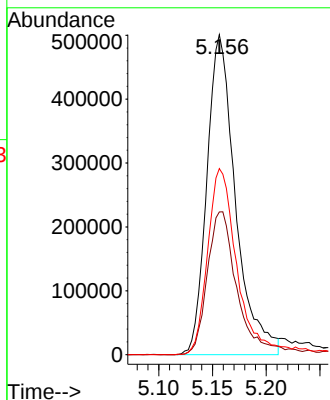
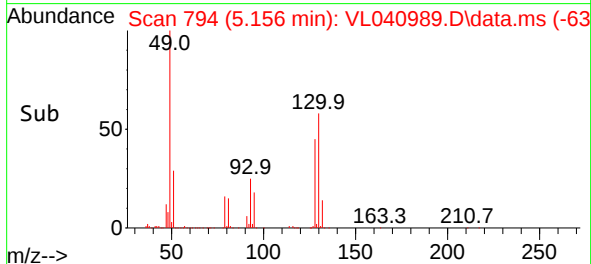
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



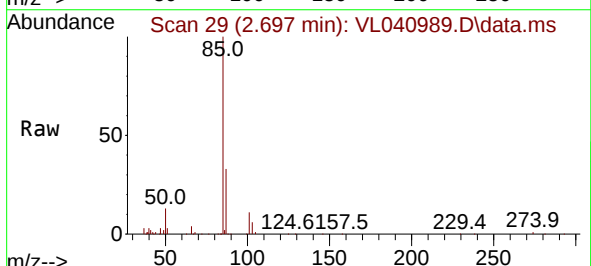
Tgt Ion: 49 Resp: 928172
Ion Ratio Lower Upper
49 100
128 49.1 23.8 71.2
130 62.4 30.1 90.5

Manual Integrations
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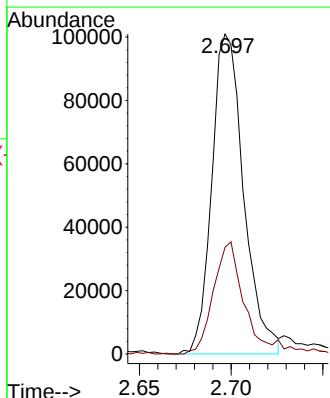
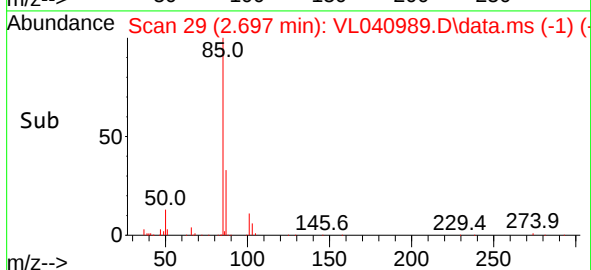
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

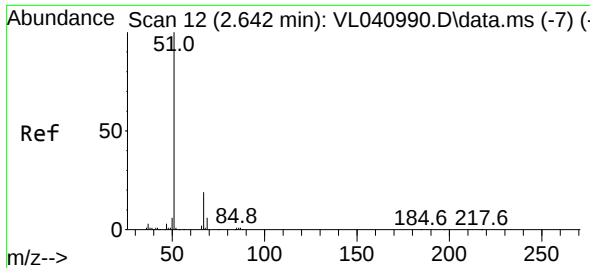


#2
Dichlorodifluoromethane
Concen: 0.690 ppbv
RT: 2.697 min Scan# 29
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



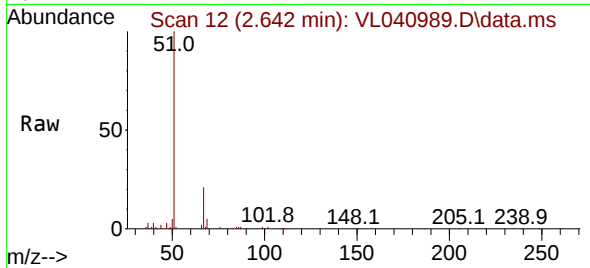
Tgt Ion: 85 Resp: 121915
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.685 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

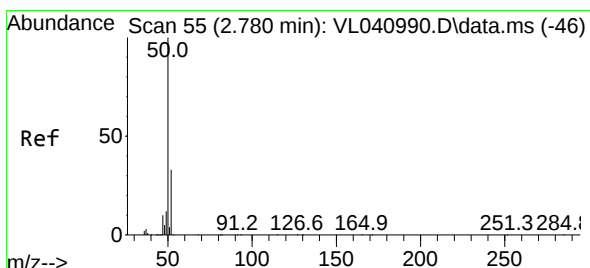
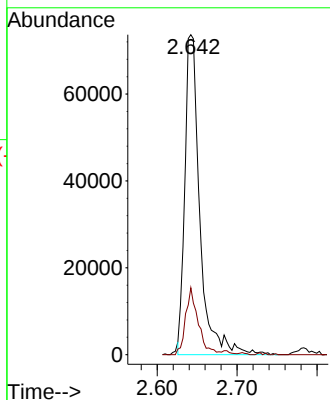
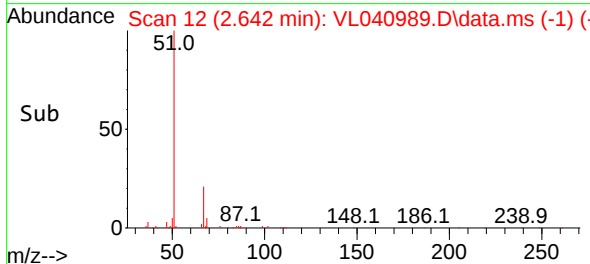
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



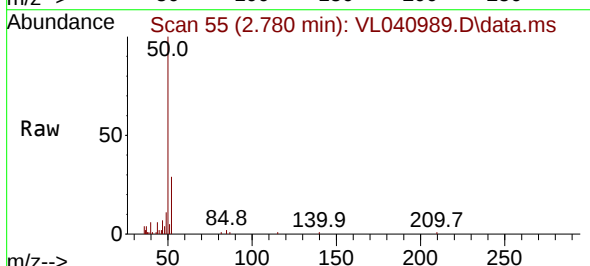
Tgt Ion: 51 Resp: 9567
Ion Ratio Lower Upper
51 100
67 18.5 14.7 22.1

Manual Integrations
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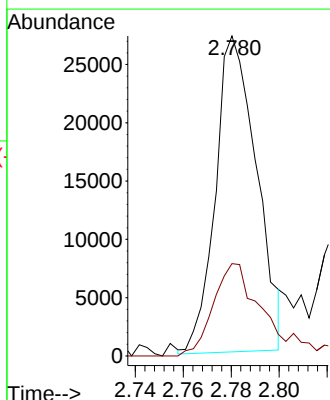
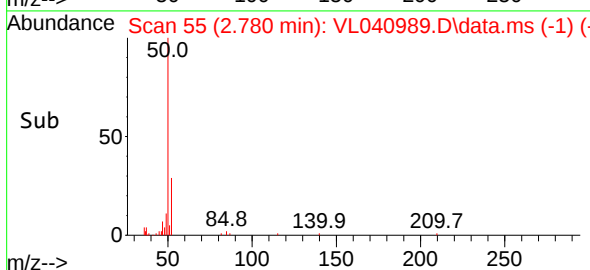
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

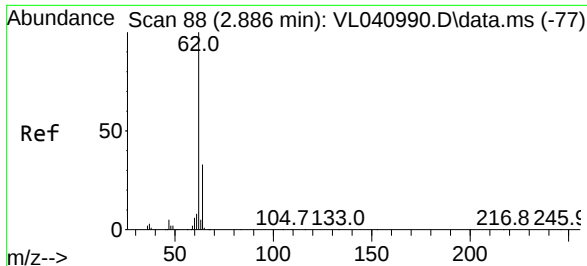


#4
Chloromethane
Concen: 0.627 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion: 50 Resp: 32284
Ion Ratio Lower Upper
50 100
52 29.4 28.0 42.0





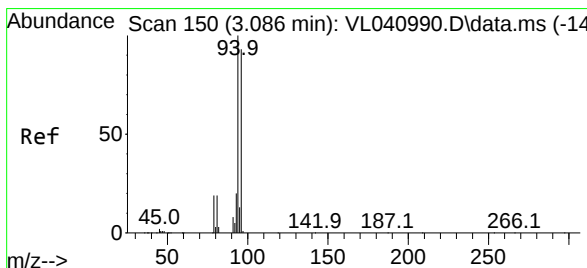
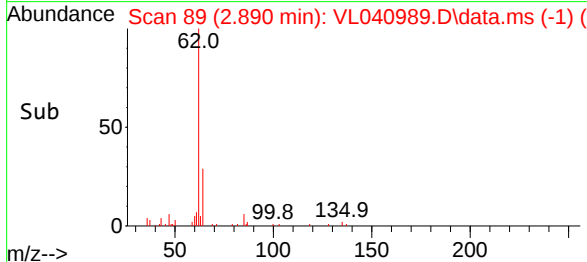
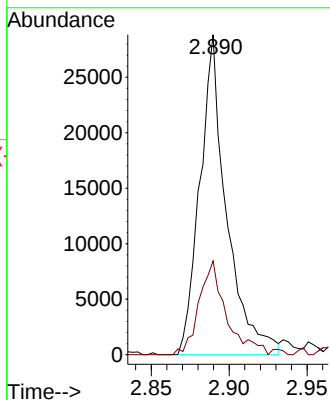
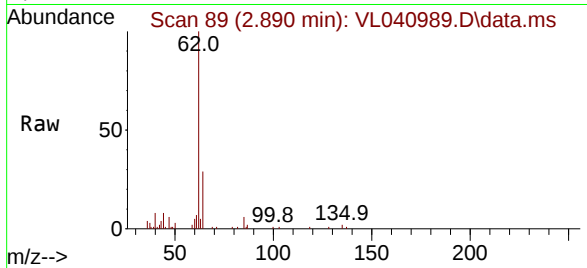
#5
Vinyl Chloride
Concen: 0.689 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 3427
Ion Ratio Lower Upper
62 100
64 27.7 24.9 37.3

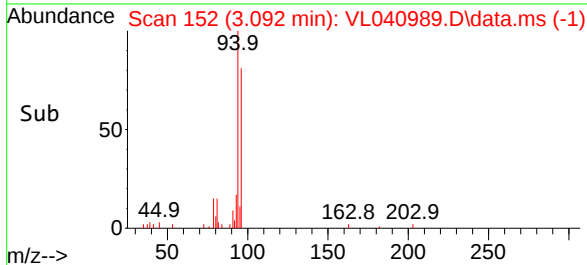
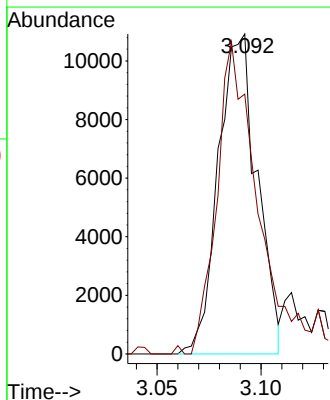
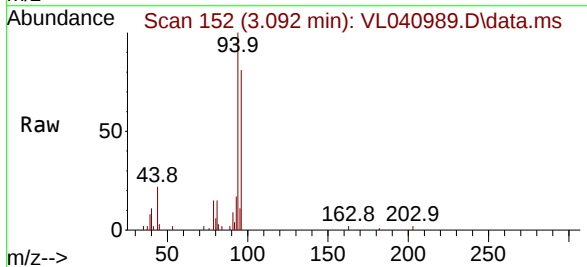
Manual Integrations
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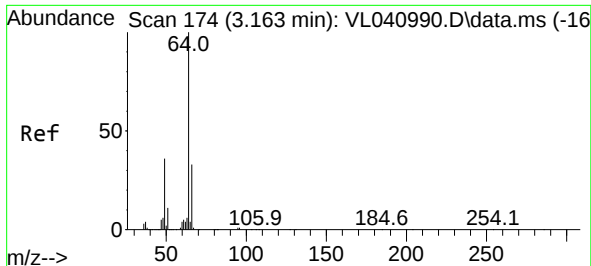
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Bromomethane
Concen: 0.643 ppbv
RT: 3.092 min Scan# 152
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 94 Resp: 14190
Ion Ratio Lower Upper
94 100
96 78.6 73.2 109.8





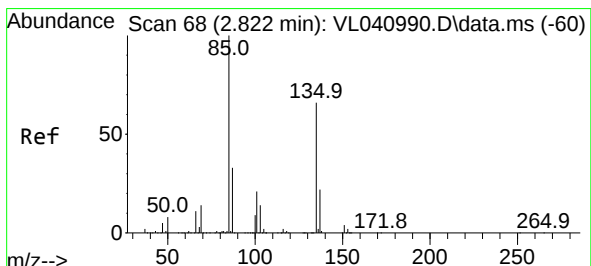
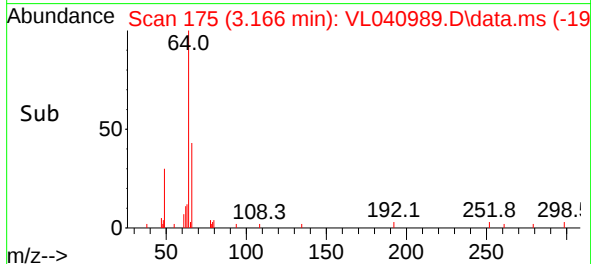
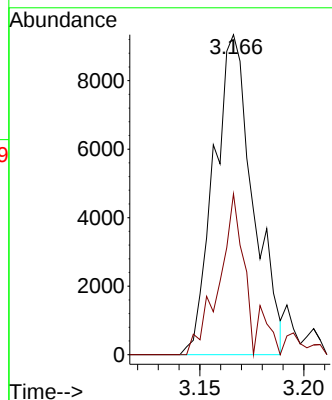
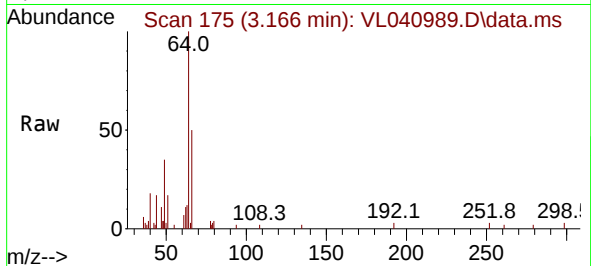
#7
Chloroethane
Concen: 0.692 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 12250
Ion Ratio Lower Upper
64 100
66 50.2 25.7 38.5

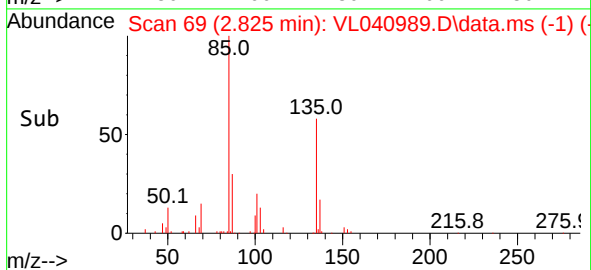
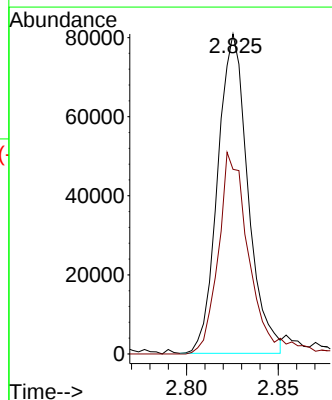
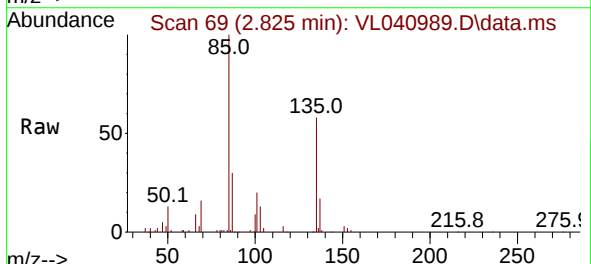
Manual Integrations
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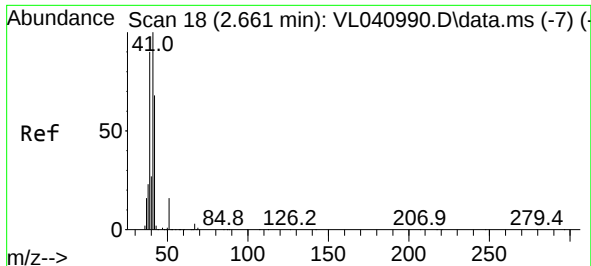
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Dichlorotetrafluoroethane
Concen: 0.729 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 85 Resp: 92877
Ion Ratio Lower Upper
85 100
135 65.1 55.8 83.8





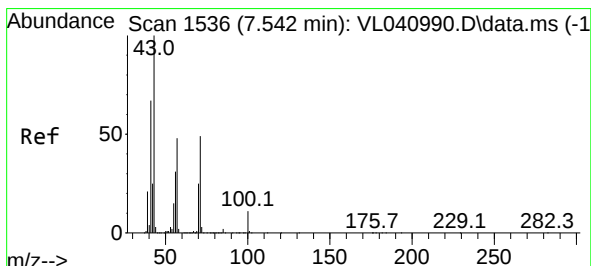
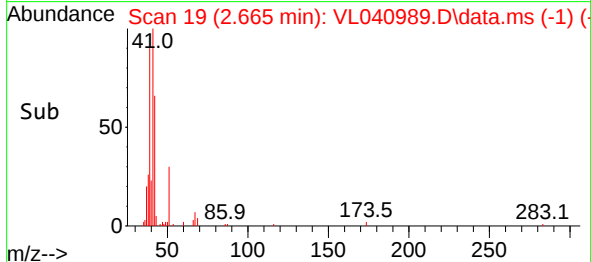
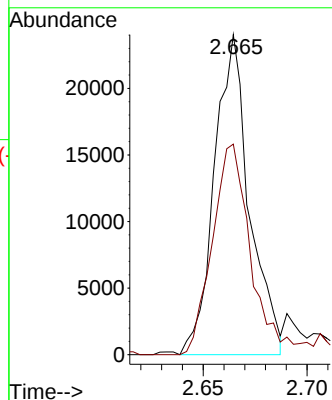
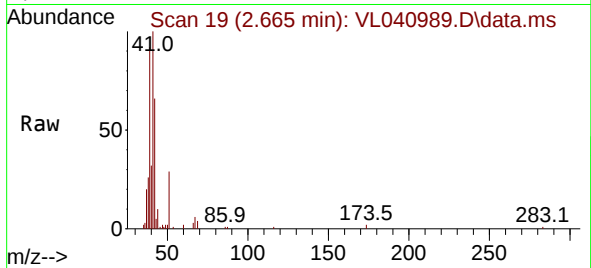
#9
Propene
Concen: 0.611 ppbv
RT: 2.665 min Scan# 1537
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 2813
Ion Ratio Lower Upper
41 100
42 77.2 55.8 83.6

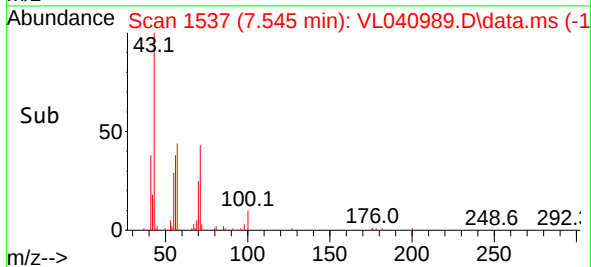
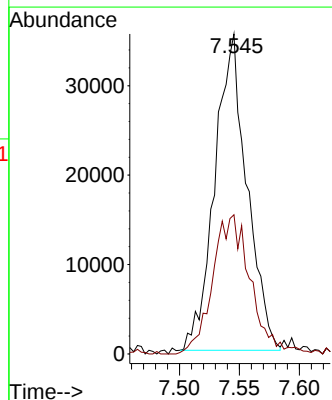
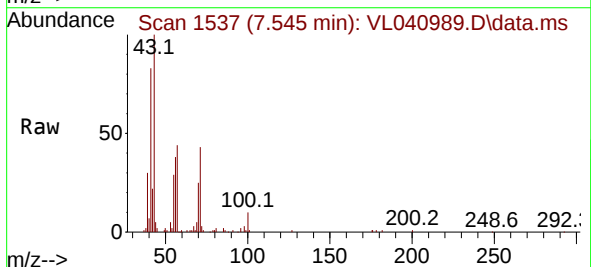
Manual Integrations
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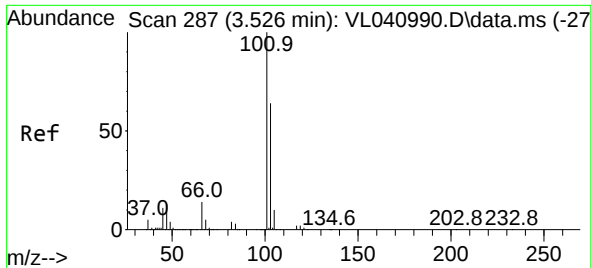
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Heptane
Concen: 0.575 ppbv
RT: 7.545 min Scan# 1537
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 43 Resp: 65901
Ion Ratio Lower Upper
43 100
57 51.9 39.3 58.9





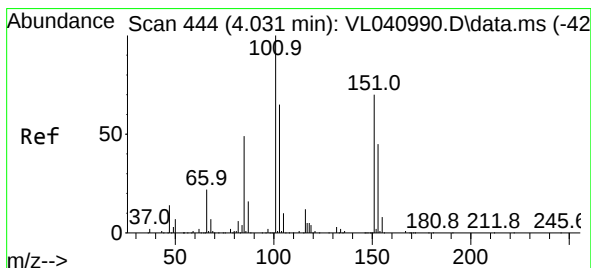
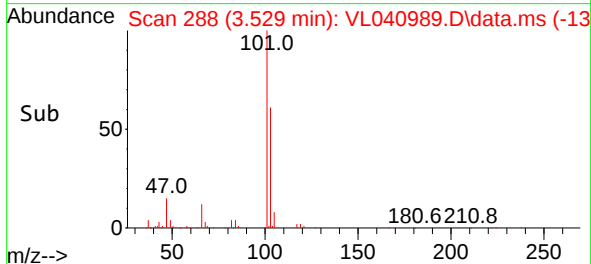
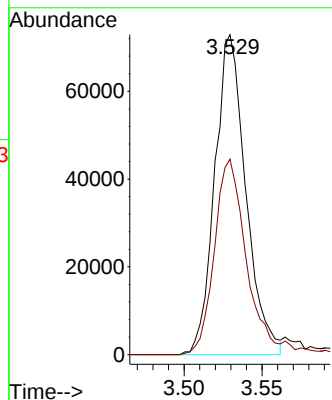
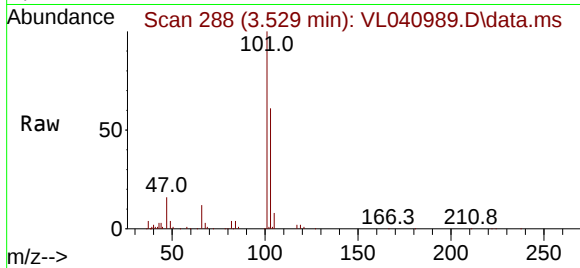
#11
Trichlorofluoromethane
Concen: 0.733 ppbv
RT: 3.529 min Scan# 288
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 101270
Ion Ratio Lower Upper
101 100
103 61.1 51.9 77.9

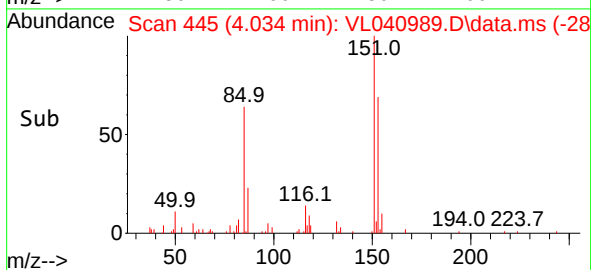
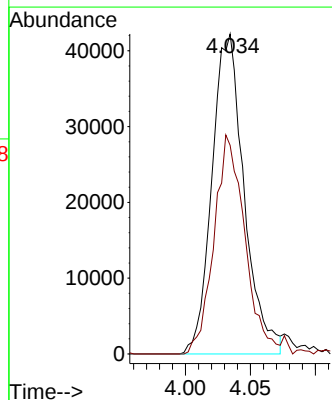
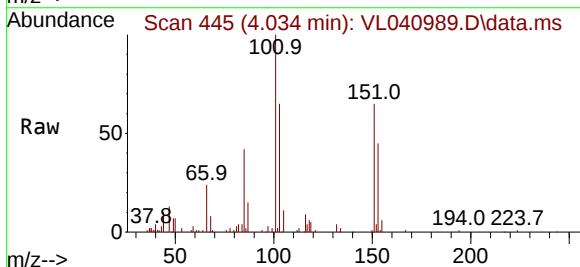
Manual Integrations
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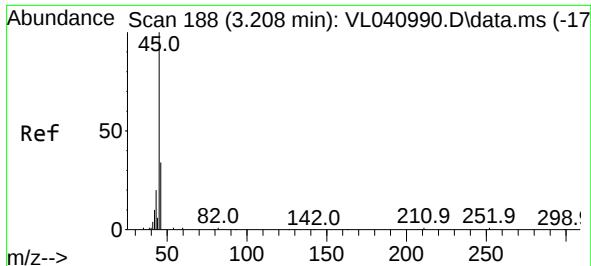
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.675 ppbv
RT: 4.034 min Scan# 445
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

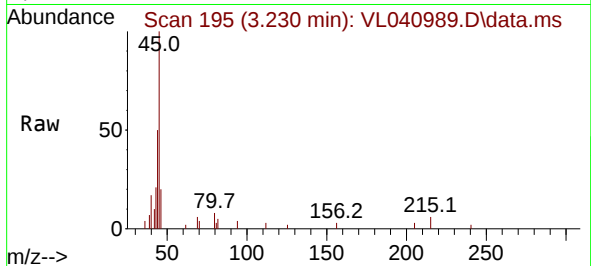
Tgt Ion:101 Resp: 72491
Ion Ratio Lower Upper
101 100
151 66.9 55.8 83.8





#13
Ethanol
Concen: 0.446 ppbv
RT: 3.230 min Scan# 195
Delta R.T. 0.022 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

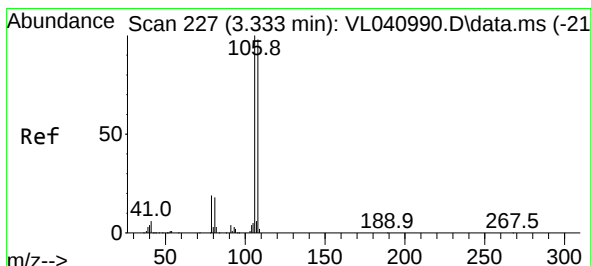
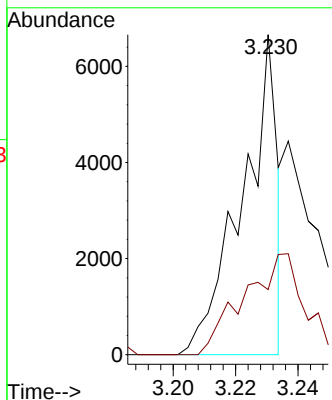
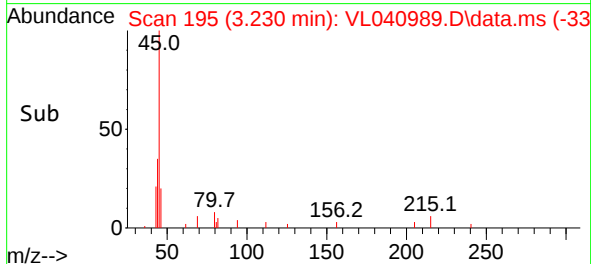
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



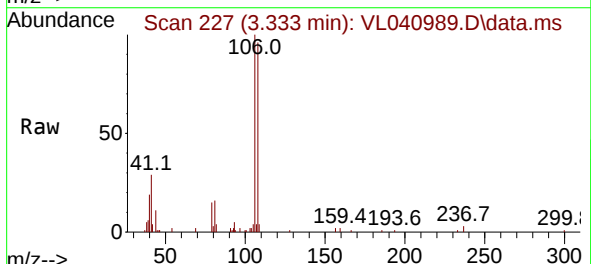
Tgt Ion: 45 Resp: 518
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0

Manual Integrations
APPROVED

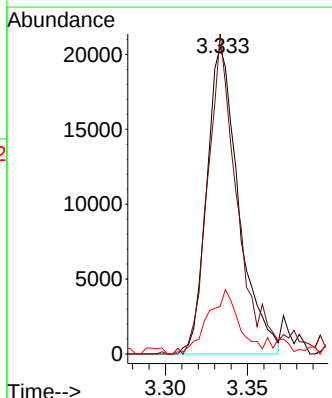
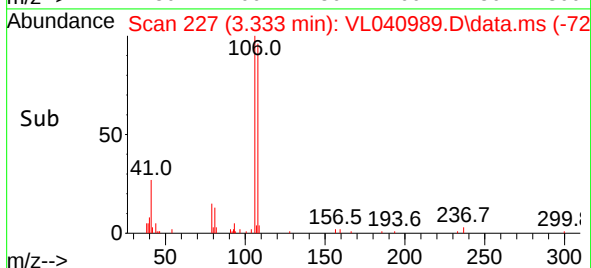
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

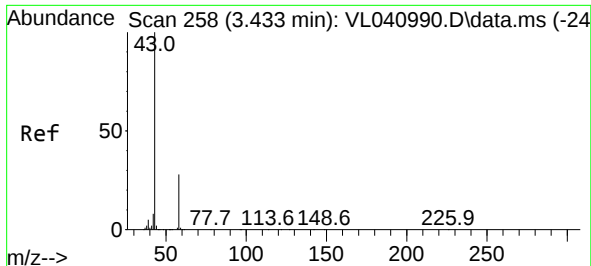


#14
Bromoethene
Concen: 0.704 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion:108 Resp: 27708
Ion Ratio Lower Upper
108 100
106 102.0 87.5 131.3
79 24.2 16.6 24.8





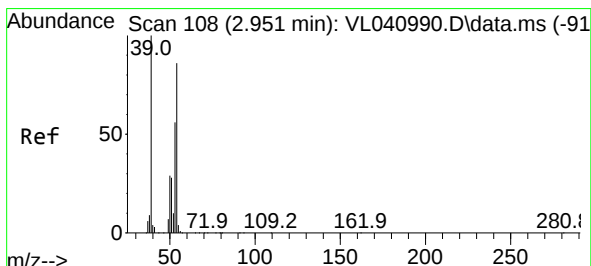
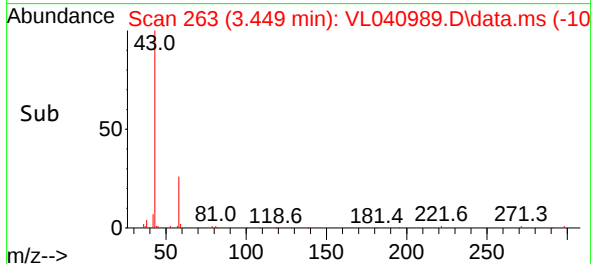
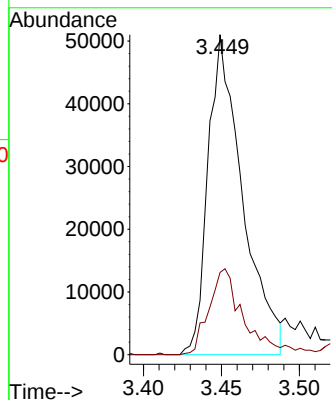
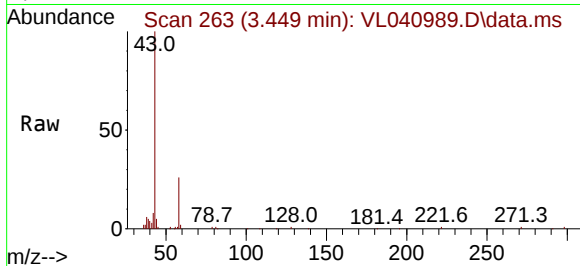
#15
Acetone
Concen: 0.705 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7853
Ion Ratio Lower Upper
43 100
58 28.5 20.6 30.8

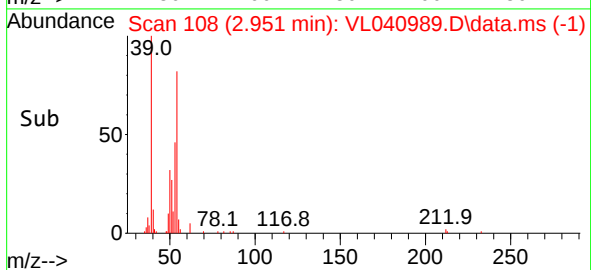
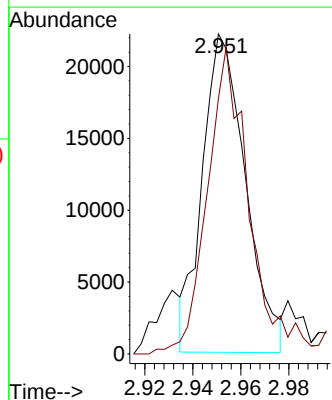
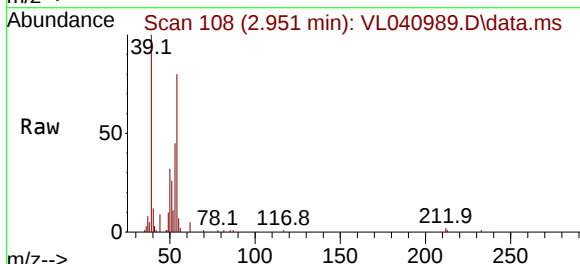
Manual Integrations
APPROVED

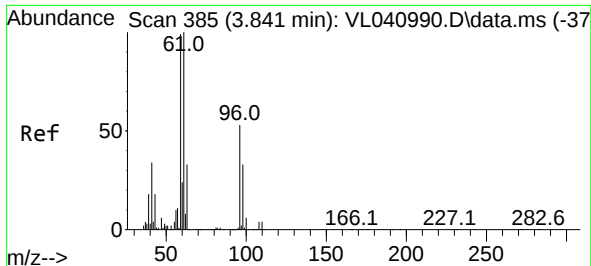
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
1,3-Butadiene
Concen: 0.576 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 39 Resp: 27619
Ion Ratio Lower Upper
39 100
54 97.6 63.8 95.6#





#17

tert-Butyl alcohol

Concen: 0.614 ppbv

RT: 3.857 min Scan# 385

Delta R.T. 0.016 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 5060

Ion Ratio Lower Upper

59 100

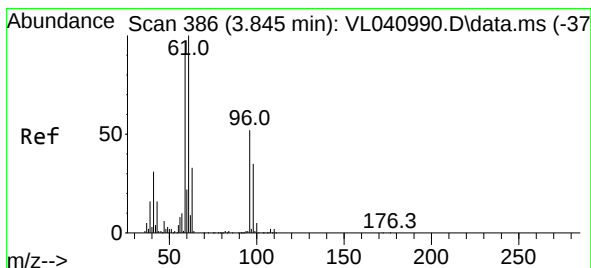
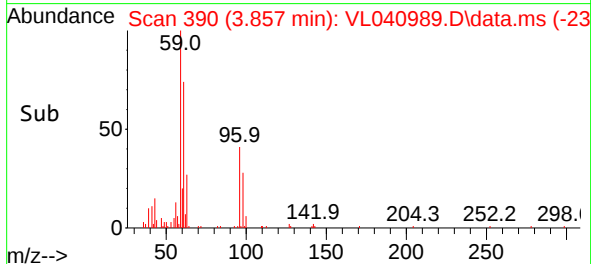
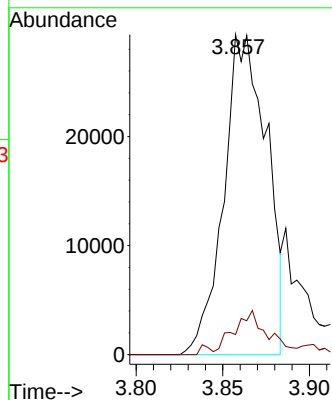
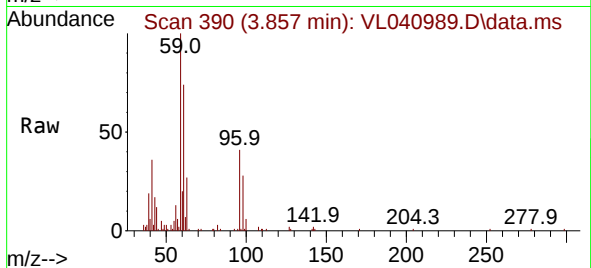
57 13.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#18

1,1-Dichloroethene

Concen: 0.656 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

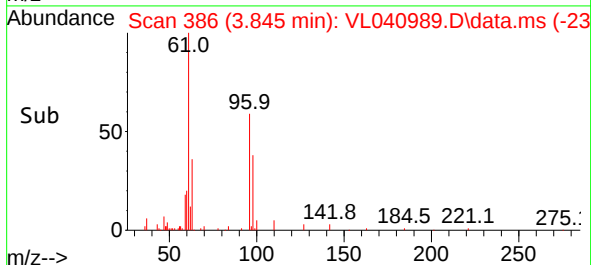
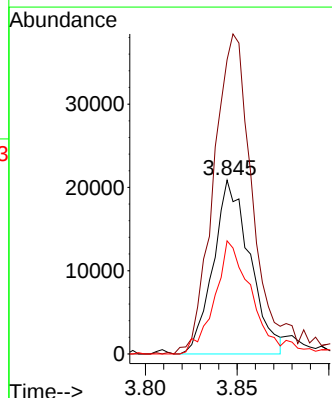
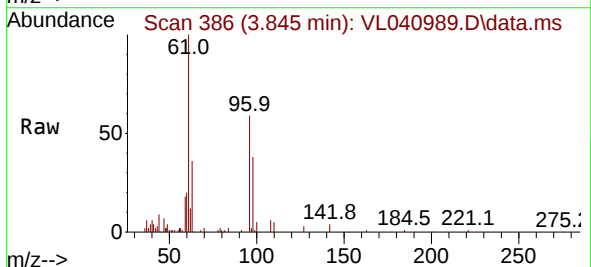
Tgt Ion: 96 Resp: 29050

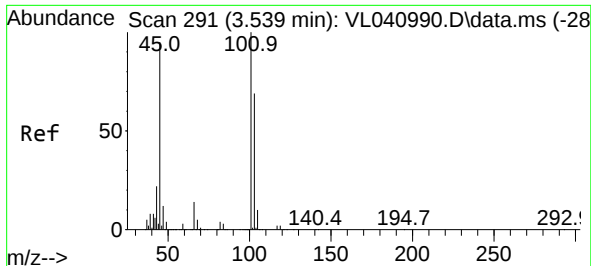
Ion Ratio Lower Upper

96 100

61 165.6 156.6 235.0

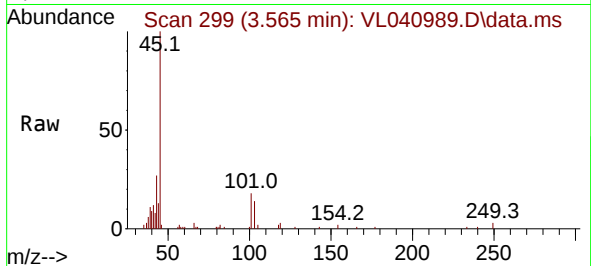
98 65.1 52.5 78.7





#19
Isopropyl Alcohol
Concen: 0.629 ppbv
RT: 3.565 min Scan# 291
Delta R.T. 0.026 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

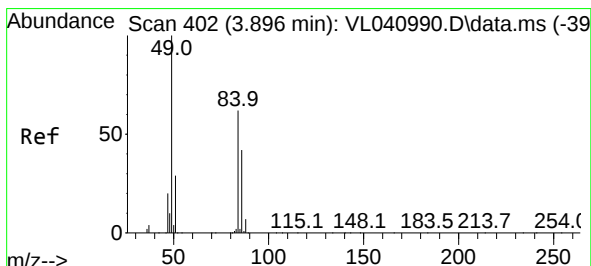
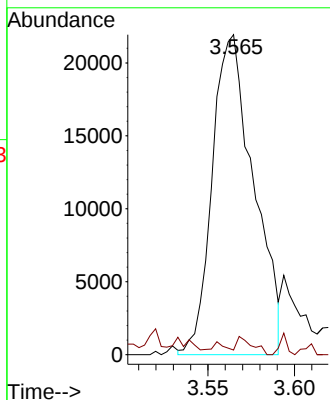
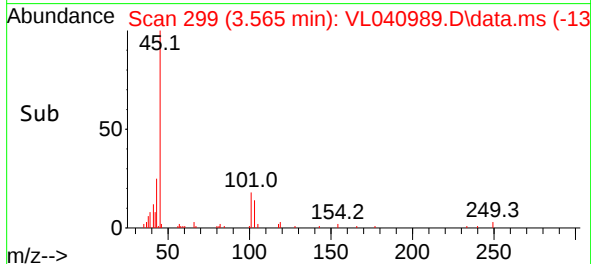
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



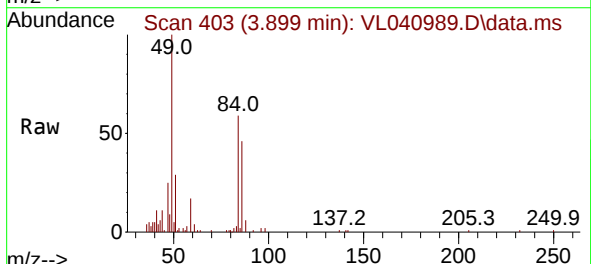
Tgt Ion: 45 Resp: 3653
Ion Ratio Lower Upper
45 100
58 3.0 1.5 2.3

Manual Integrations
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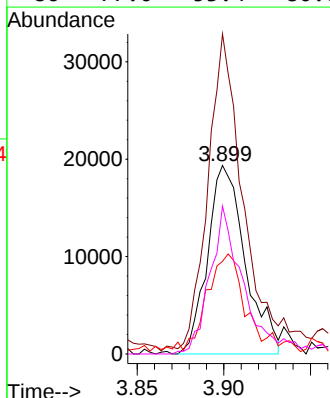
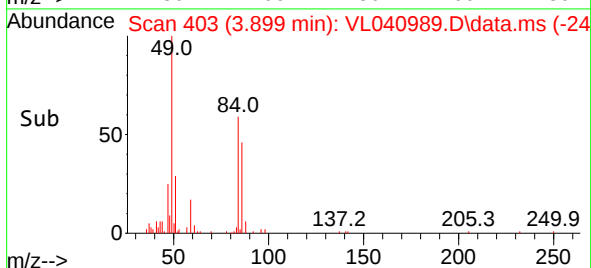
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

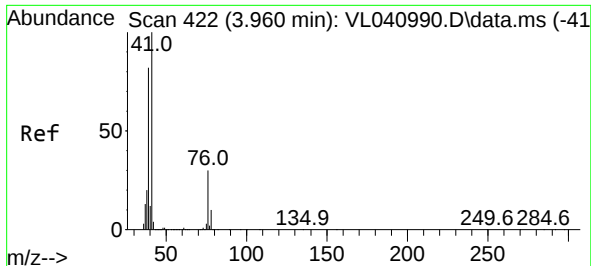


#20
Methylene Chloride
Concen: 0.741 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



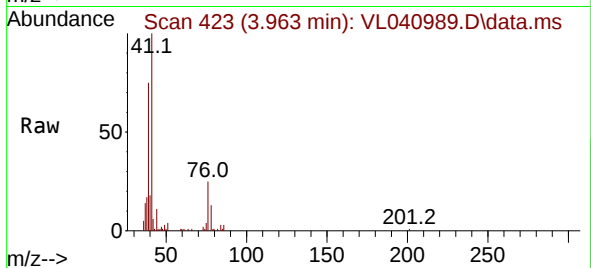
Tgt Ion: 84 Resp: 29398
Ion Ratio Lower Upper
84 100
49 167.0 124.6 187.0
51 44.9 37.2 55.8
86 77.0 53.4 80.0





#21
 Allyl Chloride
 Concen: 0.618 ppbv
 RT: 3.963 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

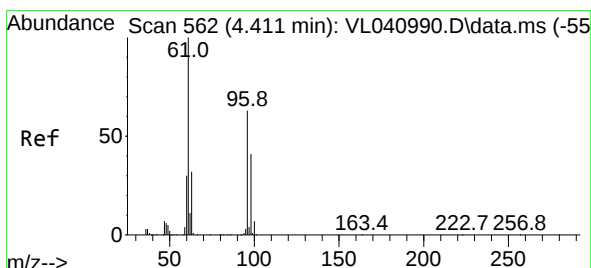
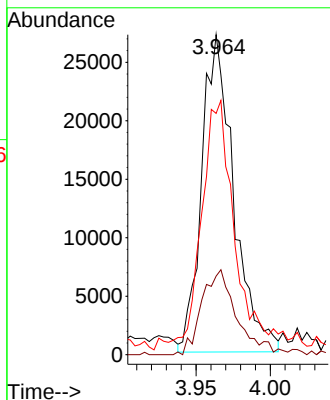
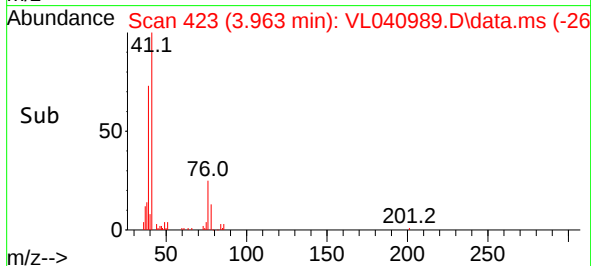
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 4069
 Ion Ratio Lower Upper
 41 100
 76 30.3 23.9 35.9
 39 85.3 66.5 99.7

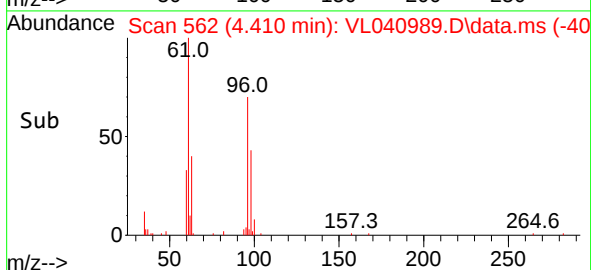
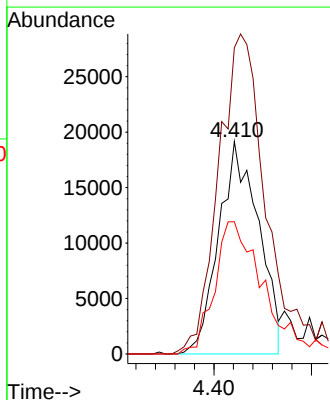
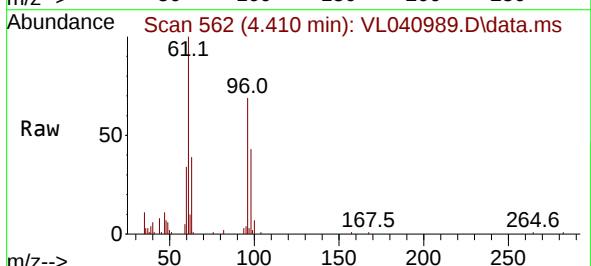
Manual Integrations
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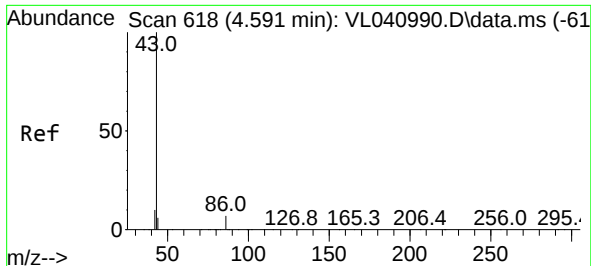
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.540 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

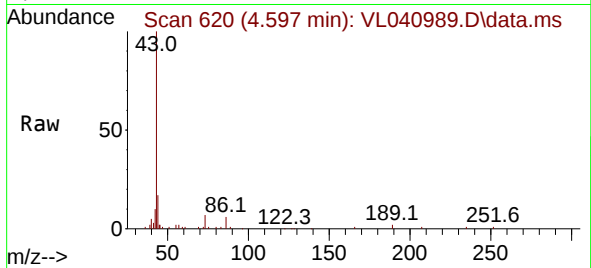
Tgt Ion: 96 Resp: 27275
 Ion Ratio Lower Upper
 96 100
 61 142.7 133.0 199.6
 98 62.2 53.7 80.5





#23
 Vinyl Acetate
 Concen: 0.563 ppbv m
 RT: 4.597 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

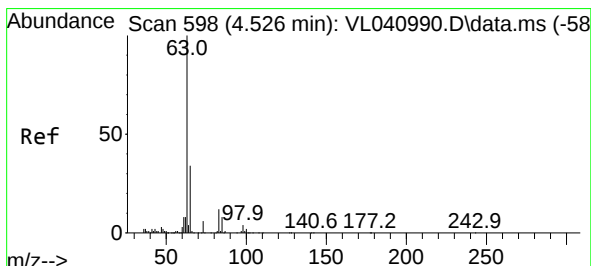
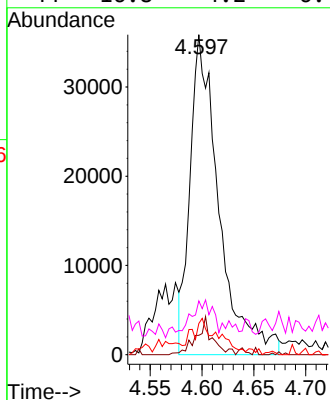
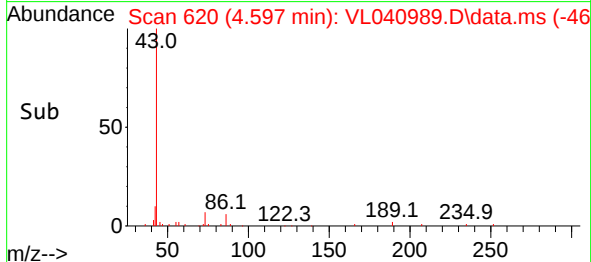
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 69158
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.5 8.3
 42 9.8 8.4 12.6
 44 16.8 4.2 6.4#

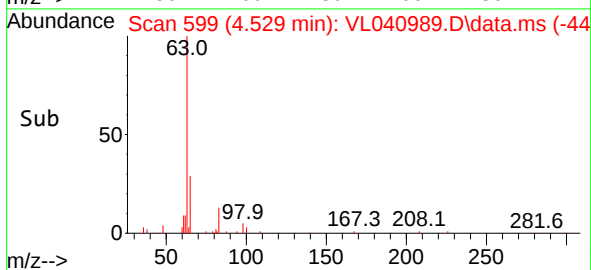
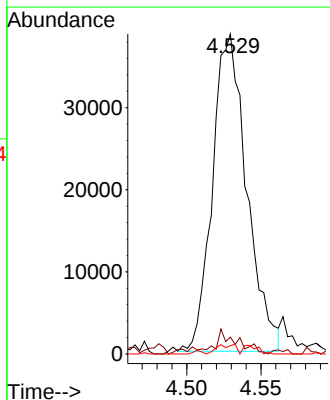
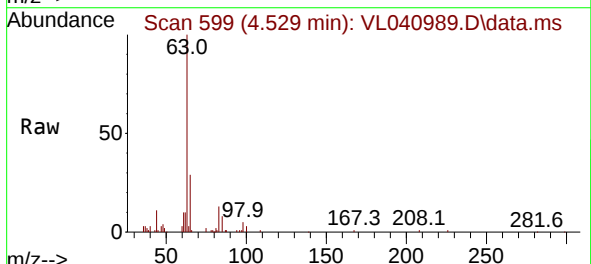
Manual Integrations
 APPROVED

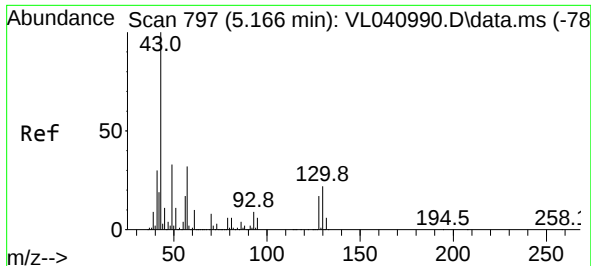
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 0.564 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 63 Resp: 62001
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.5
 100 2.6 1.4 4.2





#25

Ethyl Acetate

Concen: 0.562 ppbv

RT: 5.176 min Scan# 800

Delta R.T. 0.010 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

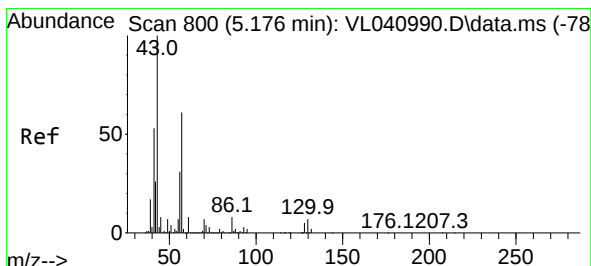
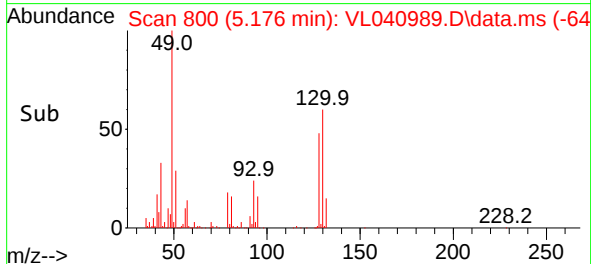
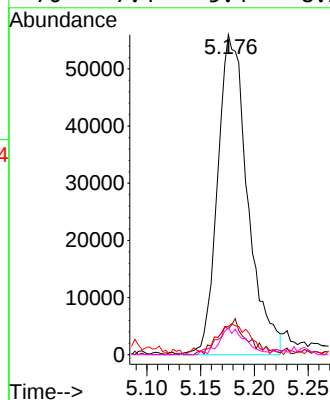
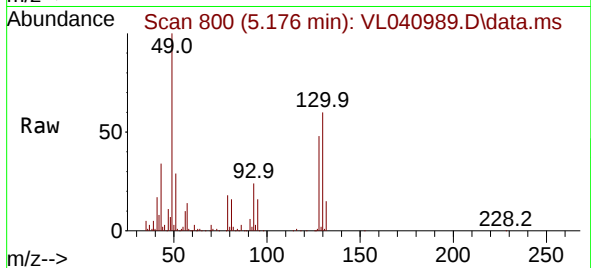
VSTDICC0.5

Tgt Ion: 43	Resp: 10846
Ion Ratio	Lower Upper
43 100	
45 10.9	8.2 12.2
61 11.6	7.6 11.4
70 7.4	5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26

Hexane

Concen: 0.576 ppbv m

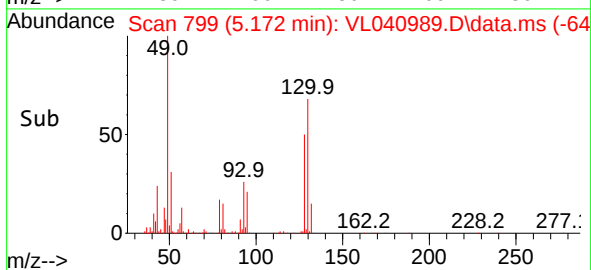
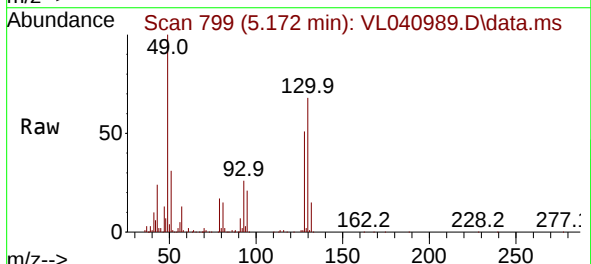
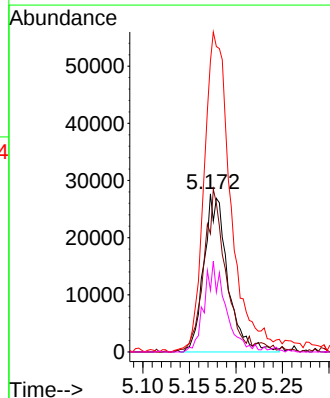
RT: 5.172 min Scan# 799

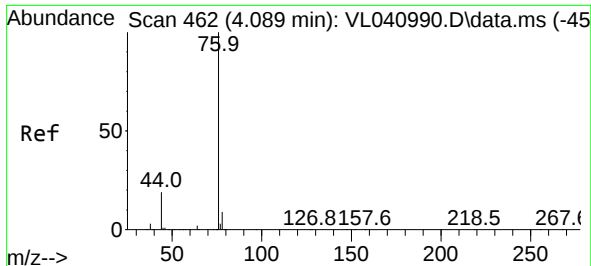
Delta R.T. -0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion: 57	Resp: 49209
Ion Ratio	Lower Upper
57 100	
41 98.8	75.2 112.8
43 239.6	188.0 282.0
56 52.8	42.3 63.5





#27

Carbon Disulfide

Concen: 0.466 ppbv

RT: 4.092 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

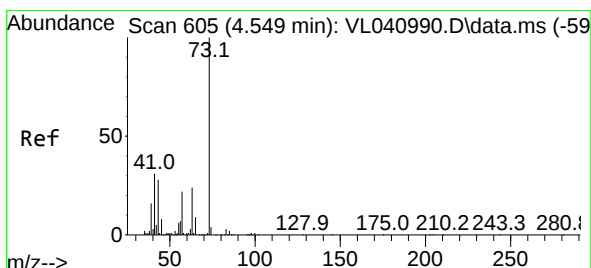
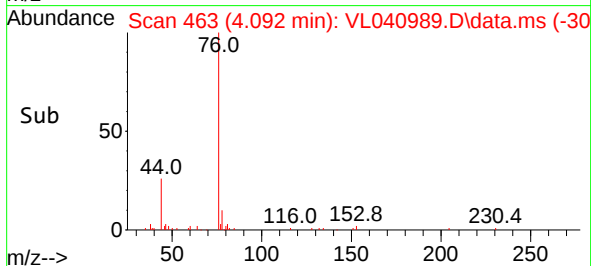
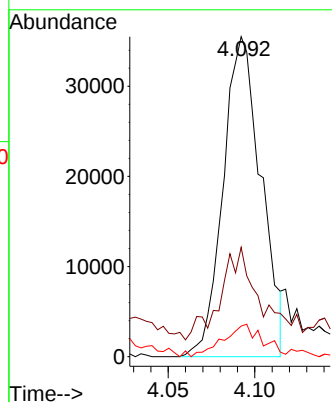
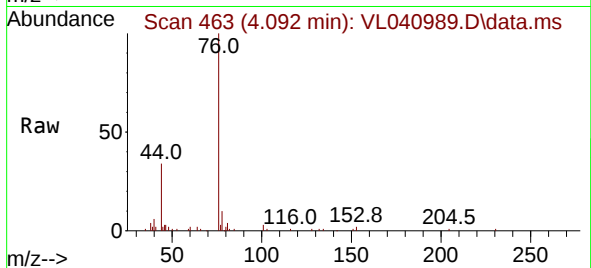
VSTDICC0.5

Tgt Ion: 76	Resp: 5393
Ion Ratio	Lower Upper
76 100	
44 32.3	18.4 27.6
78 12.4	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#28

Methyl tert-Butyl Ether

Concen: 0.563 ppbv m

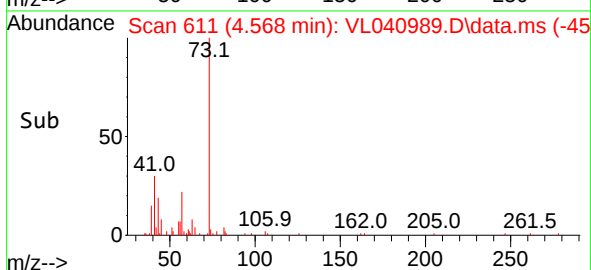
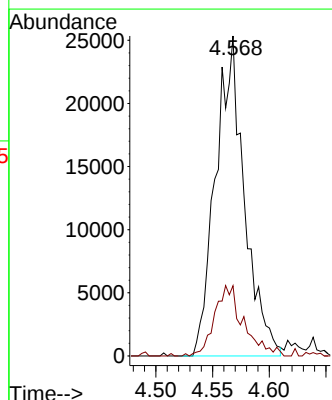
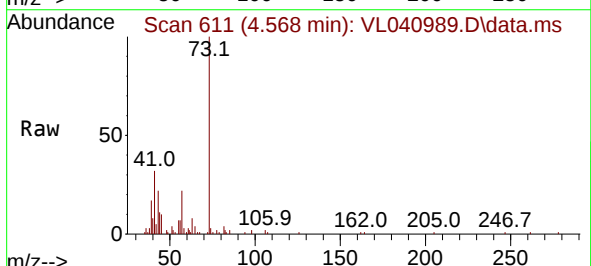
RT: 4.568 min Scan# 611

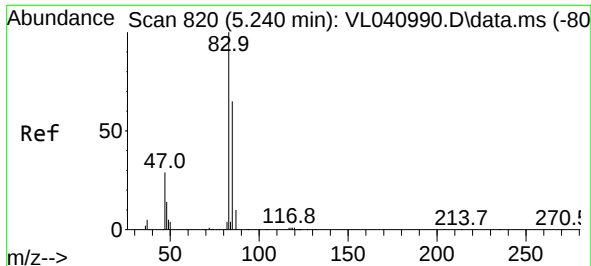
Delta R.T. 0.019 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion: 73	Resp: 44678
Ion Ratio	Lower Upper
73 100	
57 22.4	18.0 27.0





#29

Chloroform

Concen: 0.595 ppbv

RT: 5.240 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040989.D

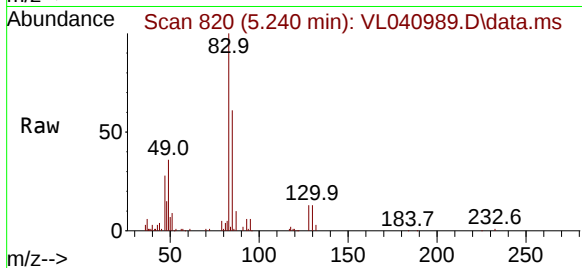
Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



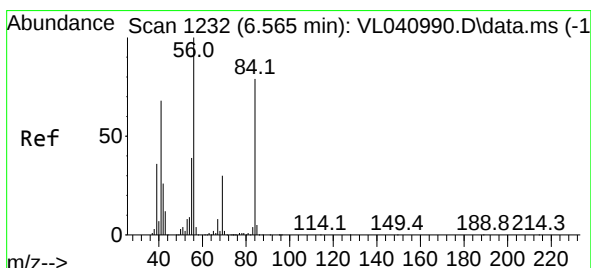
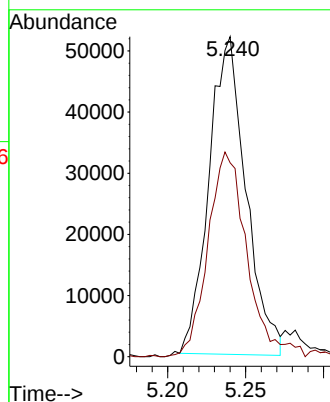
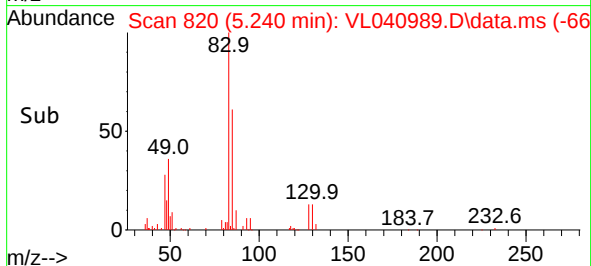
Tgt Ion: 83 Resp: 85764

Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 0.577 ppbv m

RT: 6.571 min Scan# 1234

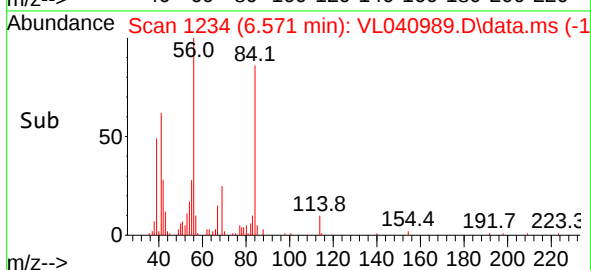
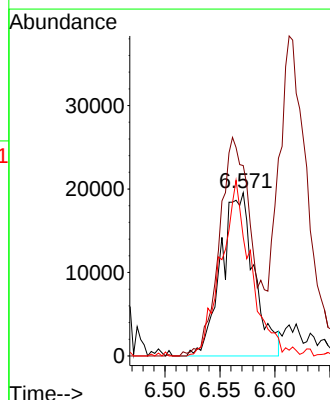
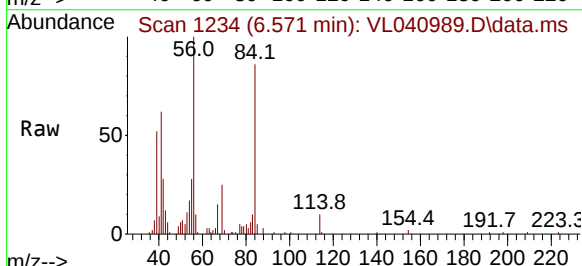
Delta R.T. 0.006 min

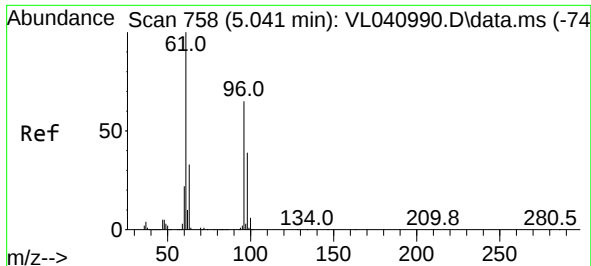
Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion: 84 Resp: 41124

Ion	Ratio	Lower	Upper
84	100		
56	123.7	111.4	167.2
41	98.4	70.0	105.0





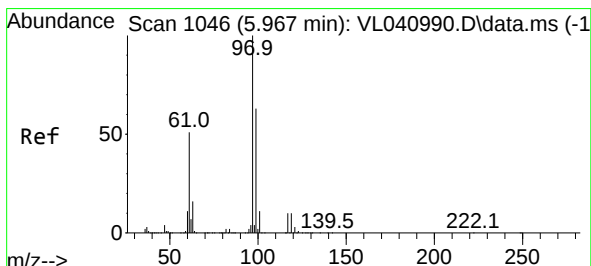
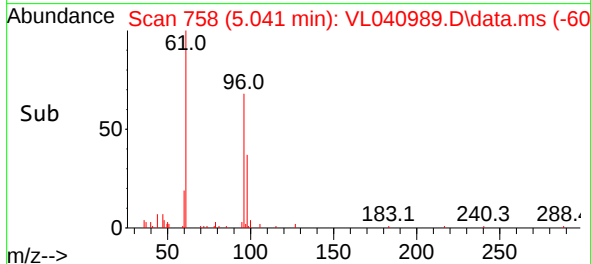
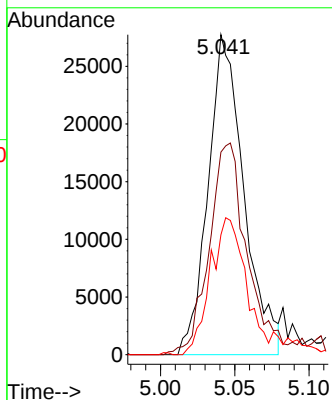
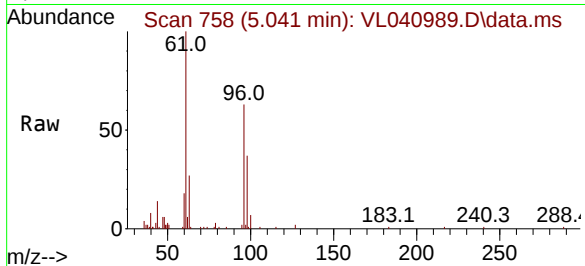
#31
 cis-1,2-Dichloroethene
 Concen: 0.530 ppbv
 RT: 5.041 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 46538
 Ion Ratio Lower Upper
 61 100
 96 61.0 51.7 77.5
 98 38.2 33.2 49.8

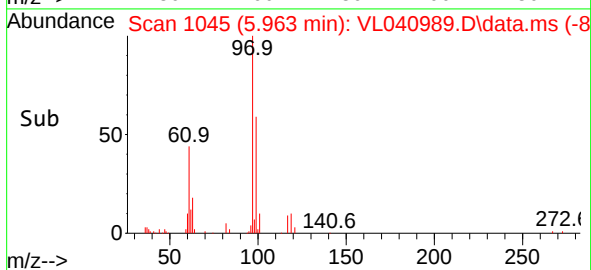
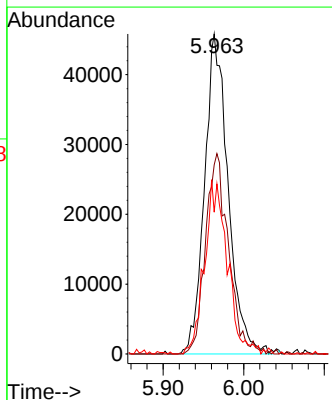
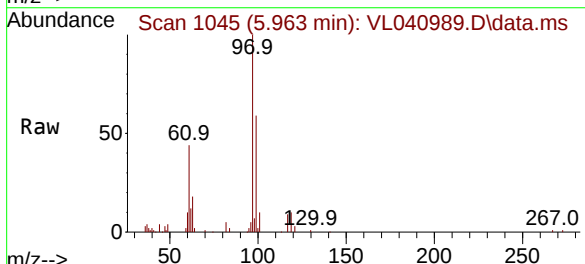
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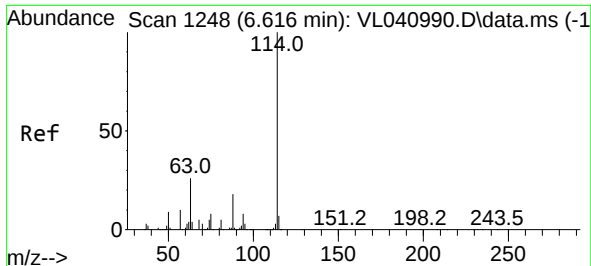
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.668 ppbv m
 RT: 5.963 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

Tgt Ion: 97 Resp: 93203
 Ion Ratio Lower Upper
 97 100
 99 61.4 51.8 77.6
 61 52.9 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 273888

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

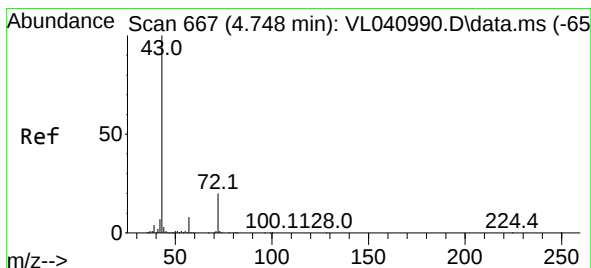
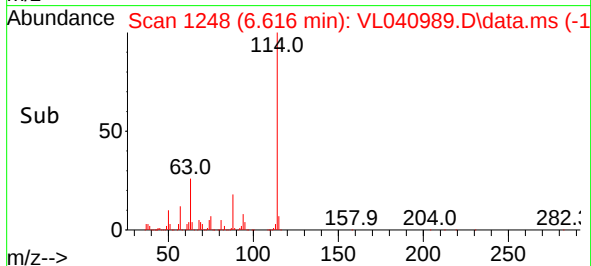
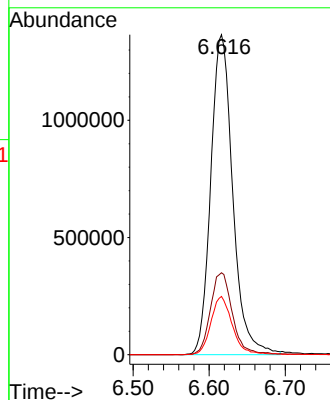
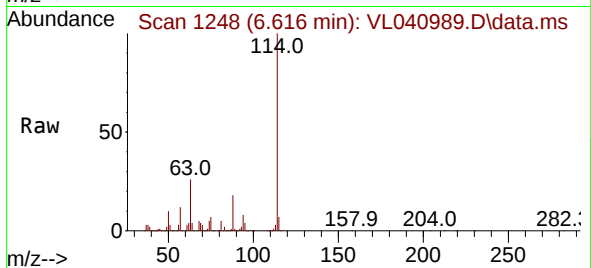
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 0.458 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.016 min

Lab File: VL040989.D

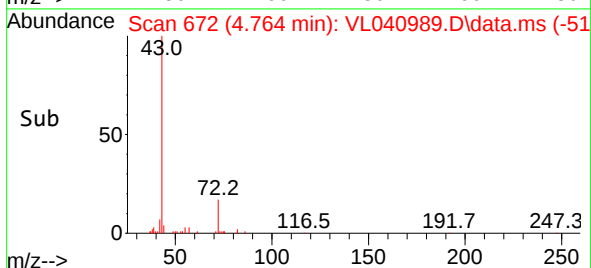
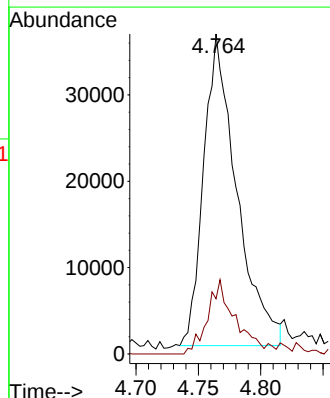
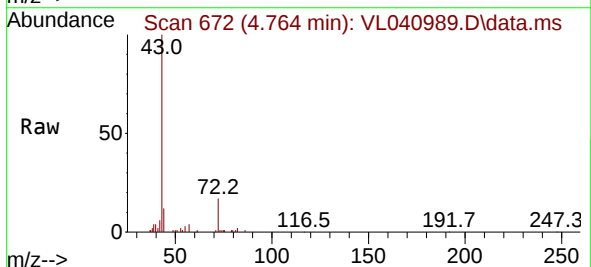
Acq: 23 Jan 2024 9:04

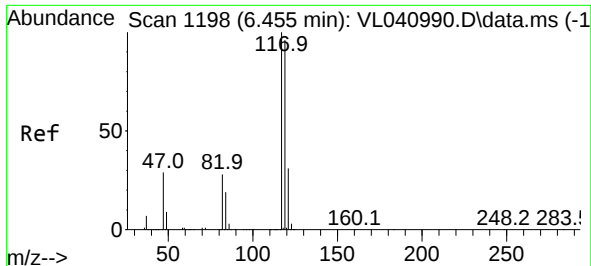
Tgt Ion: 43 Resp: 66418

Ion Ratio Lower Upper

43 100

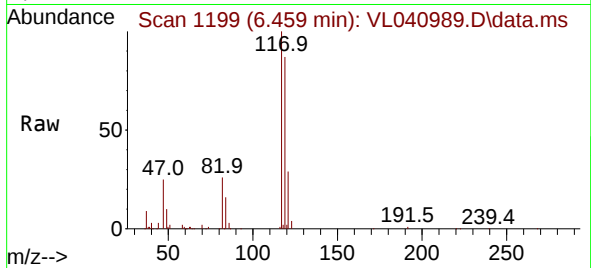
72 23.1 17.2 25.8





#35
Carbon Tetrachloride
Concen: 0.513 ppbv
RT: 6.459 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

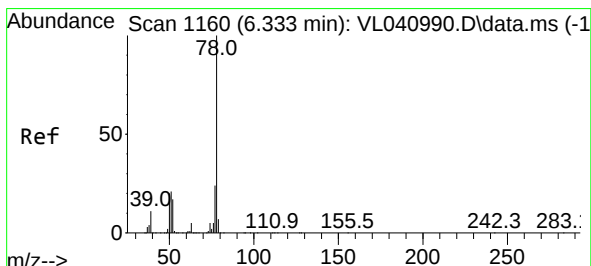
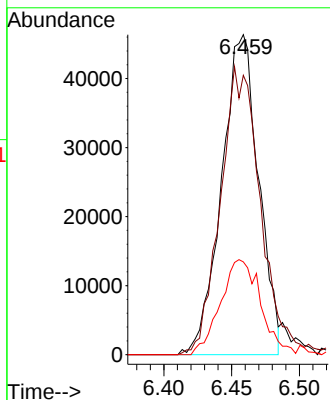
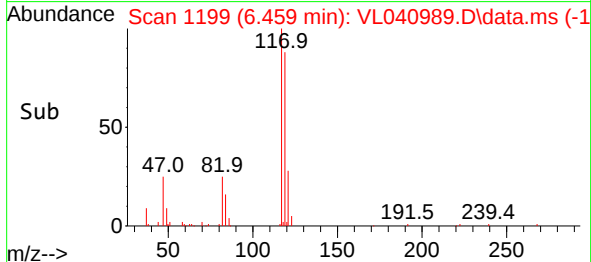
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



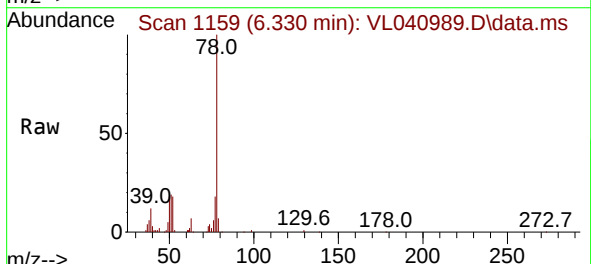
Tgt Ion: 117 Resp: 87986
Ion Ratio Lower Upper
117 100
119 87.3 76.3 114.5
121 29.0 24.9 37.3

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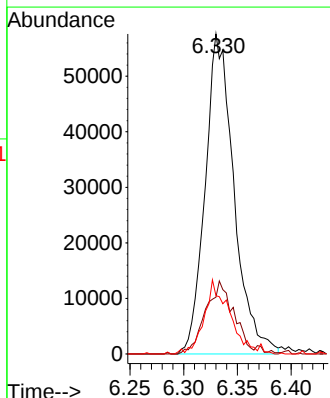
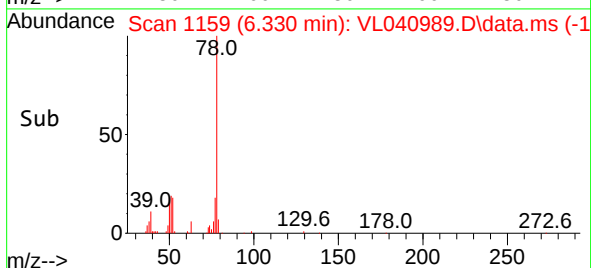
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

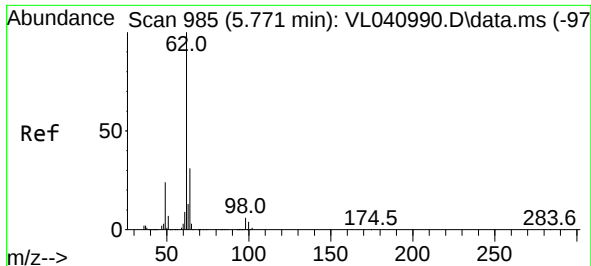


#36
Benzene
Concen: 0.502 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion: 78 Resp: 107413
Ion Ratio Lower Upper
78 100
77 17.7 18.4 27.6#
50 17.8 16.0 24.0





#37

1,2-Dichloroethane

Concen: 0.533 ppbv

RT: 5.771 min Scan# 985

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 68319

Ion Ratio Lower Upper

62 100

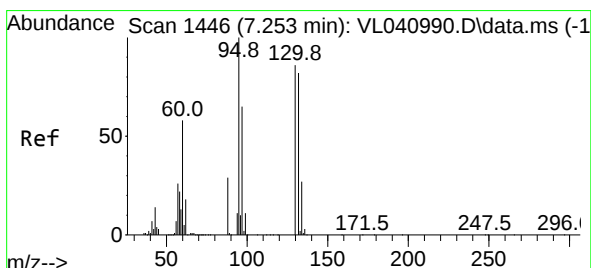
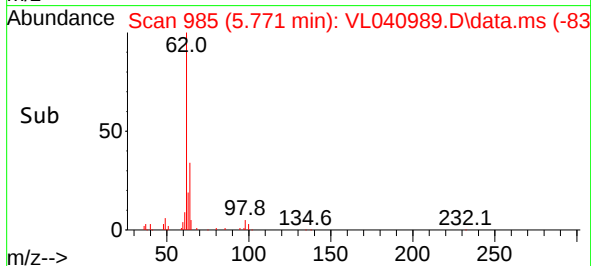
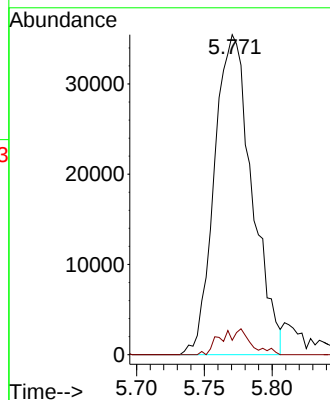
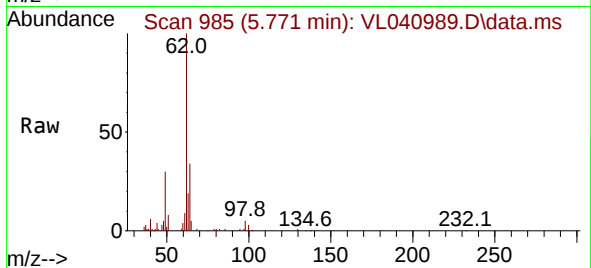
98 6.5 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Trichloroethene

Concen: 0.535 ppbv m

RT: 7.250 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion:130 Resp: 43006

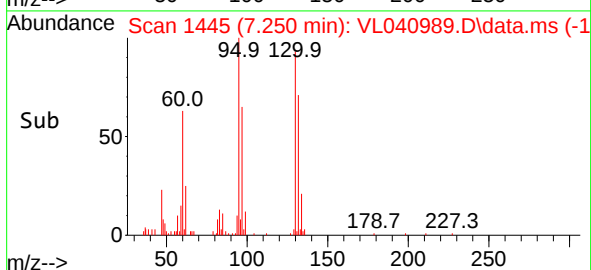
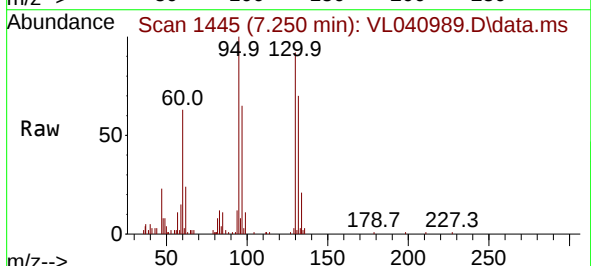
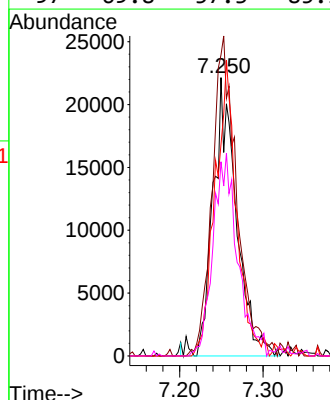
Ion Ratio Lower Upper

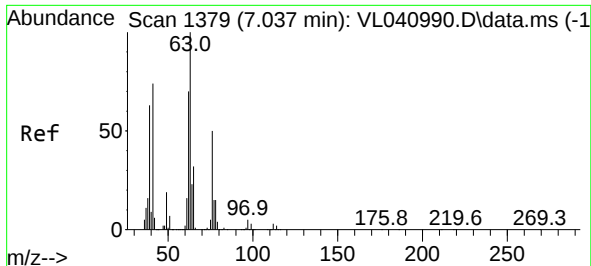
130 100

95 108.1 93.5 140.3

132 76.0 77.4 116.2#

97 69.8 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.532 ppbv

RT: 7.031 min Scan# 1458

Delta R.T. -0.007 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

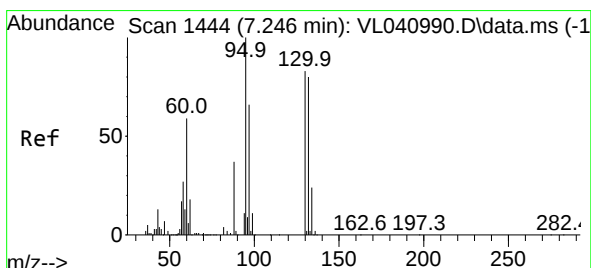
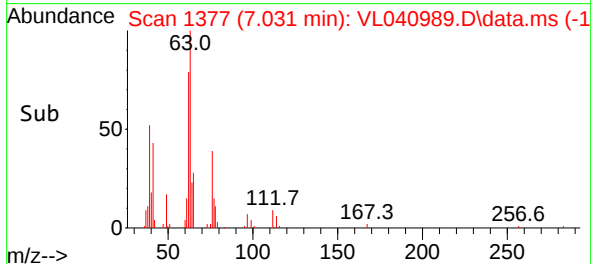
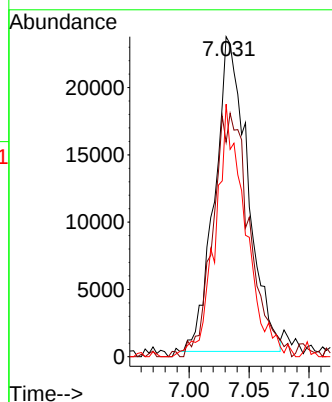
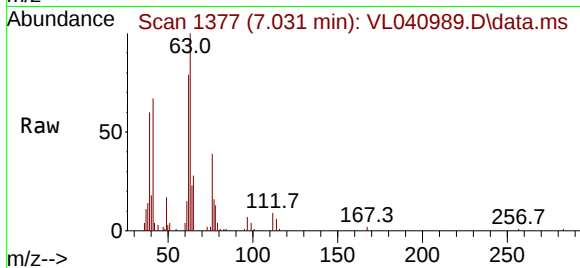
Tgt Ion: 63 Resp: 44770

Ion	Ratio	Lower	Upper
63	100		
41	69.3	59.0	88.6
62	79.9	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#40

1,4-Dioxane

Concen: 0.497 ppbv m

RT: 7.291 min Scan# 1458

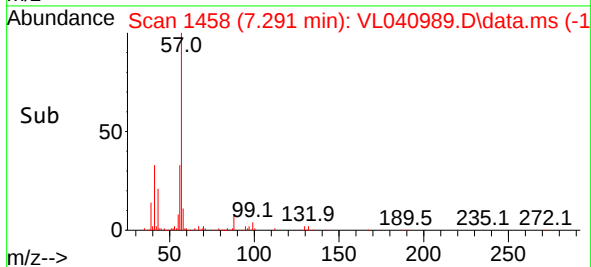
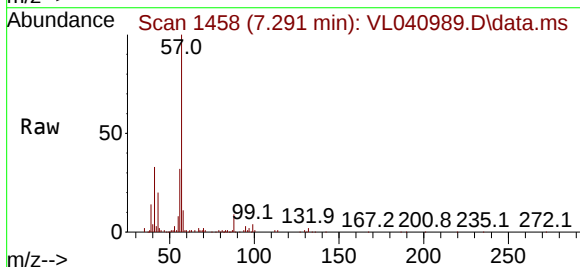
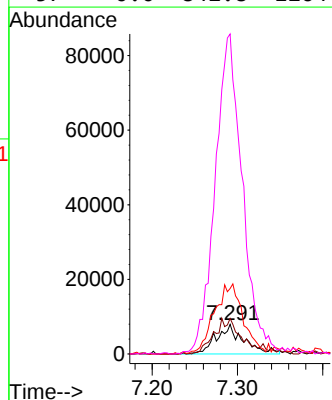
Delta R.T. 0.045 min

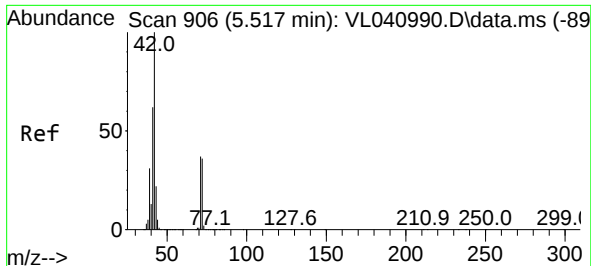
Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion: 88 Resp: 17664

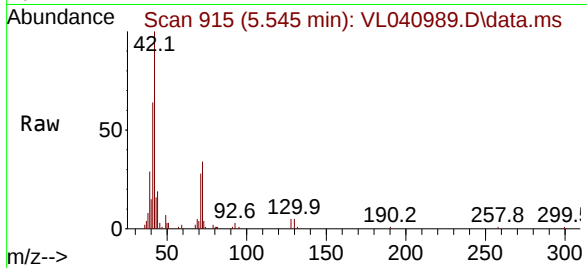
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.3	145.9#
43	0.0	200.6	300.8#
57	0.0	842.8	1264.2#





#41
Tetrahydrofuran
Concen: 0.498 ppbv m
RT: 5.545 min Scan# 915
Delta R.T. 0.029 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

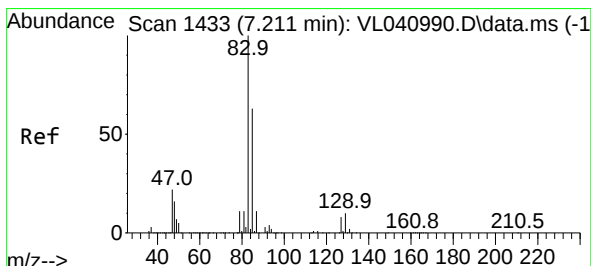
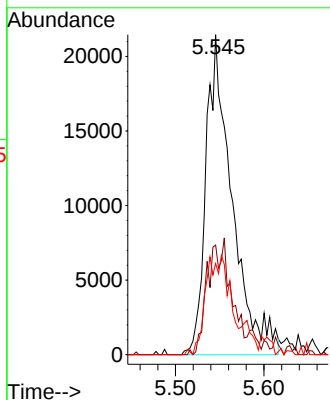
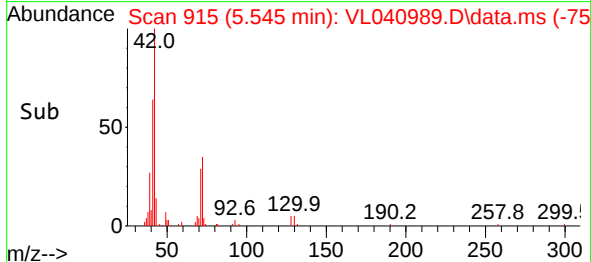
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 42 Resp: 4390
Ion Ratio Lower Upper
42 100
72 0.0 29.6 44.4
71 0.0 29.1 43.7

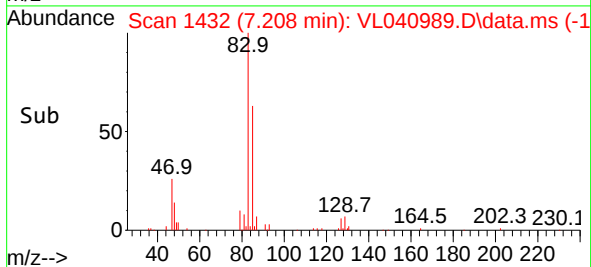
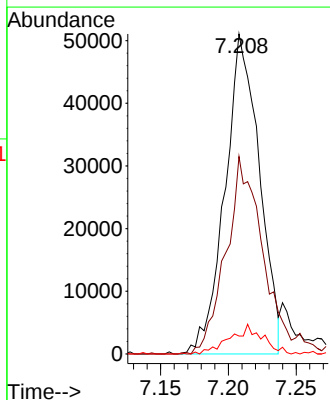
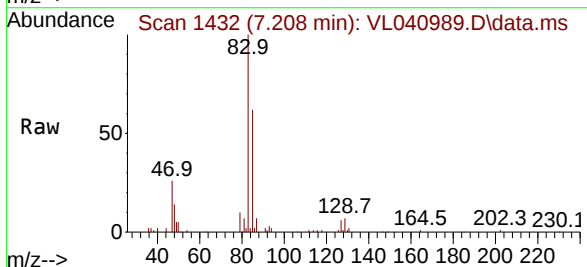
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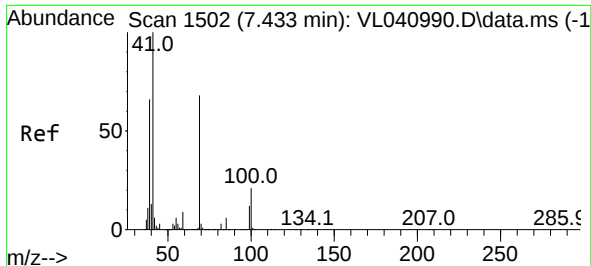
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
Bromodichloromethane
Concen: 0.487 ppbv
RT: 7.208 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 83 Resp: 90069
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.0
127 5.6 5.9 8.9





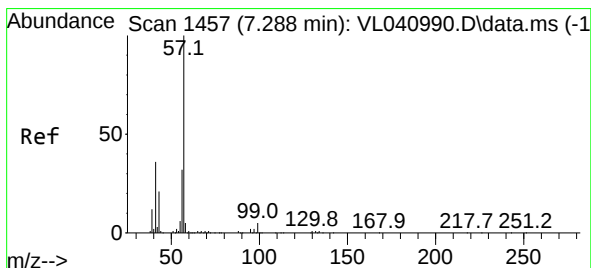
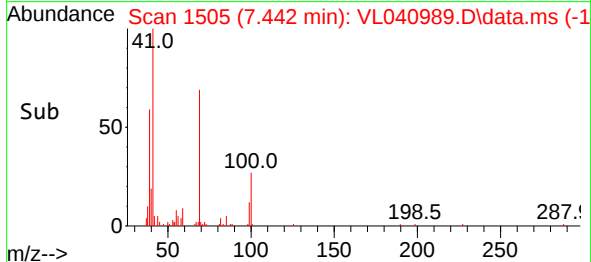
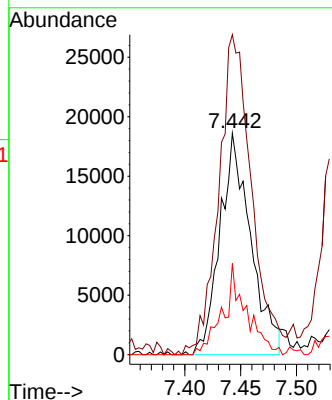
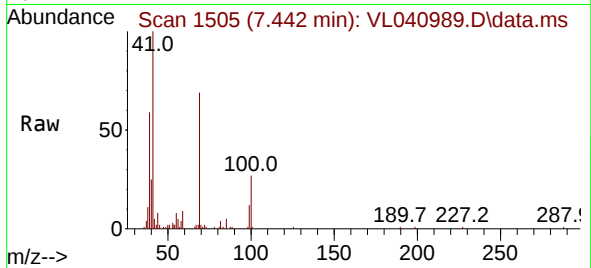
#43
Methyl Methacrylate
Concen: 0.424 ppbv
RT: 7.442 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 3563
Ion Ratio Lower Upper
69 100
41 153.4 119.9 179.9
100 32.6 25.1 37.7

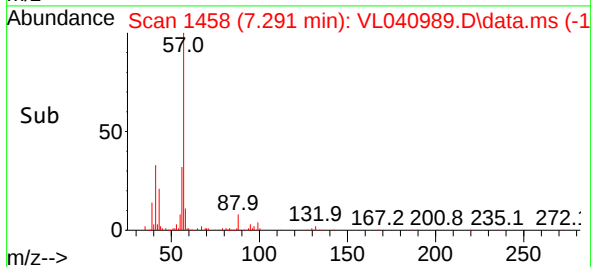
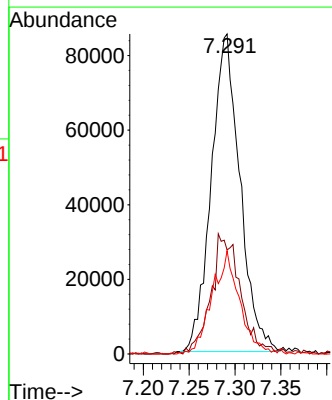
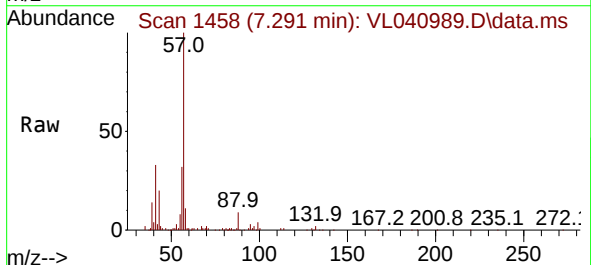
Manual Integrations
APPROVED

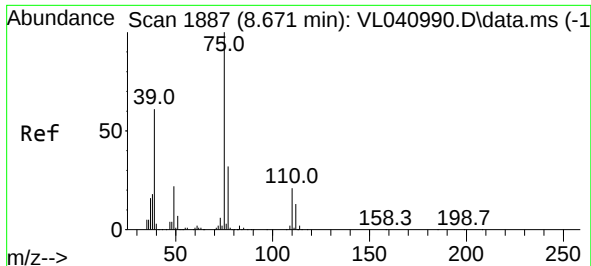
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 0.509 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

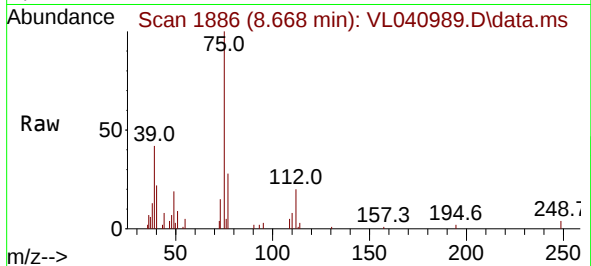
Tgt Ion: 57 Resp: 185070
Ion Ratio Lower Upper
57 100
41 38.9 28.2 42.4
56 31.4 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 0.369 ppbv m
RT: 8.668 min Scan# 1886
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

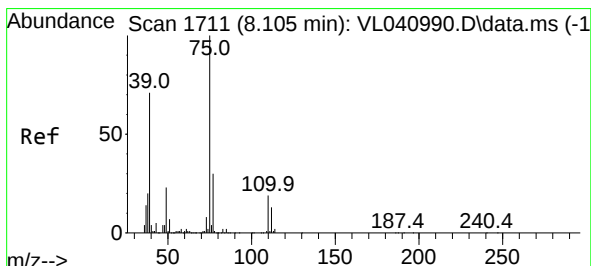
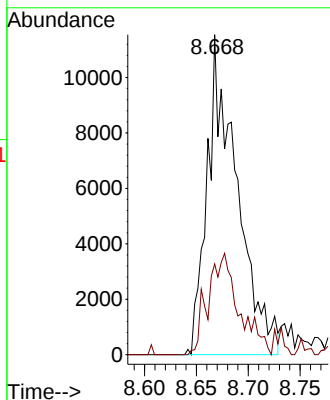
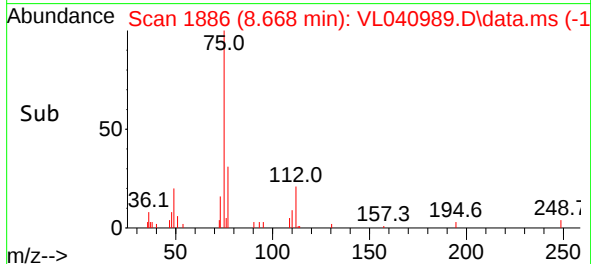
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 22974
Ion Ratio Lower Upper
75 100
77 28.3 24.8 37.2

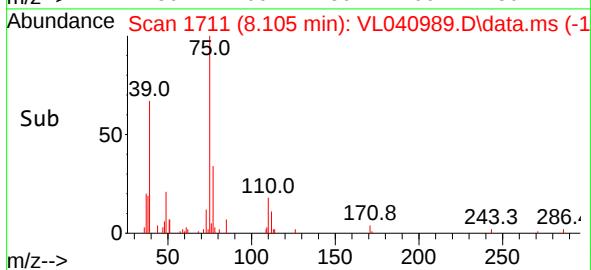
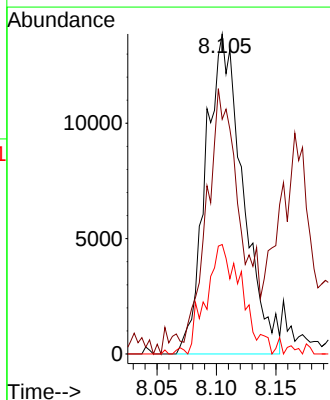
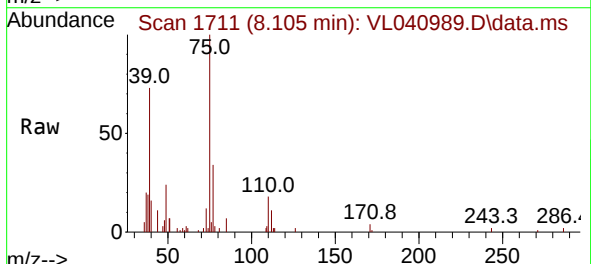
Manual Integrations
APPROVED

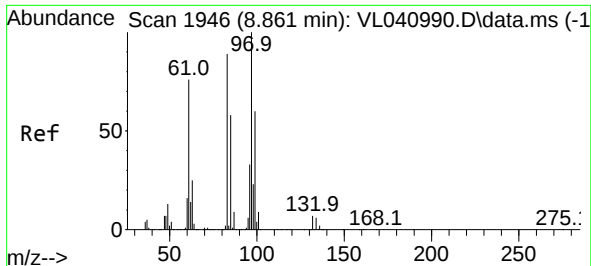
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#46
cis-1,3-Dichloropropene
Concen: 0.392 ppbv m
RT: 8.105 min Scan# 1711
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 75 Resp: 30237
Ion Ratio Lower Upper
75 100
39 73.4 56.2 84.4
77 34.2 24.5 36.7





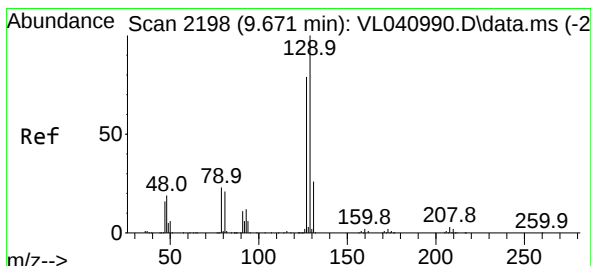
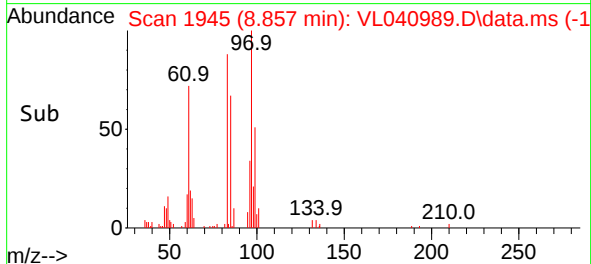
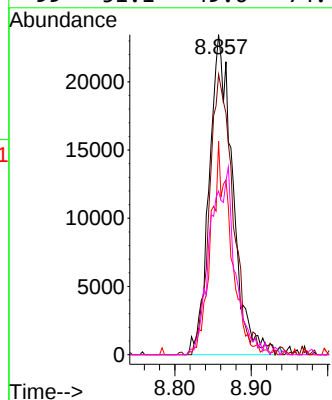
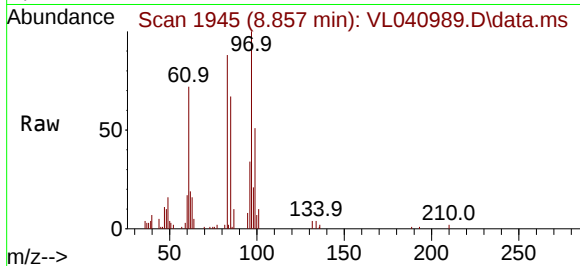
#47
1,1,2-Trichloroethane
Concen: 0.564 ppbv m
RT: 8.857 min Scan# 1945
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97	Resp: 5035
Ion Ratio	Lower Upper
97 100	
83 87.6	72.6 108.8
85 66.7	47.4 71.0
99 51.1	49.6 74.4

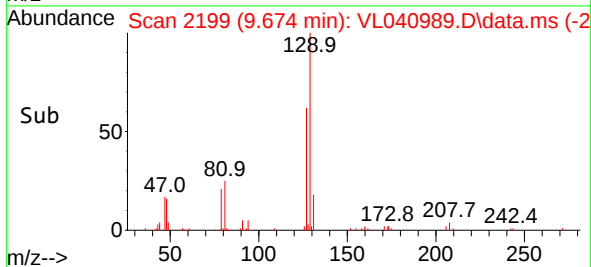
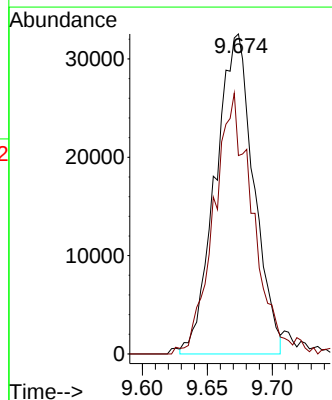
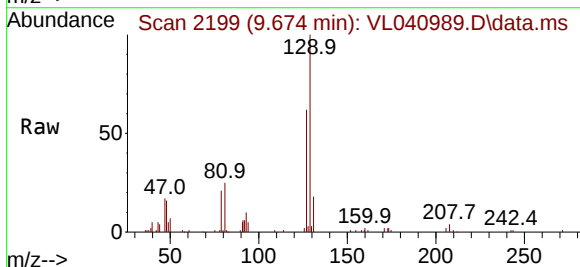
Manual Integrations
APPROVED

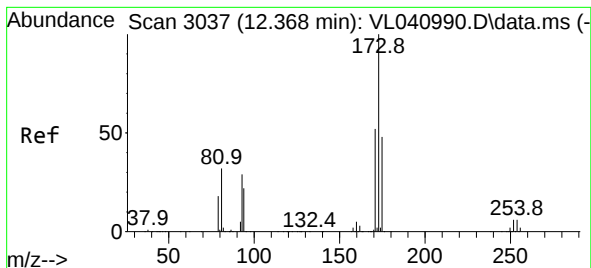
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Dibromochloromethane
Concen: 0.440 ppbv
RT: 9.674 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:129	Resp: 67002
Ion Ratio	Lower Upper
129 100	
127 84.2	39.6 119.0





#49

Bromoform

Concen: 0.455 ppbv m

RT: 12.365 min Scan# 3037

Delta R.T. -0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

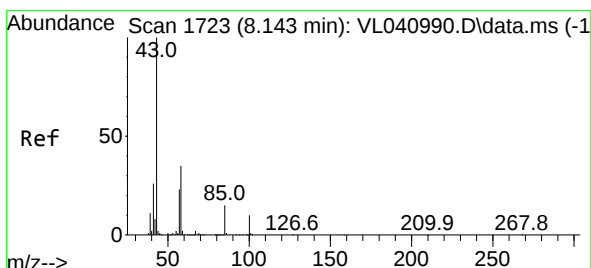
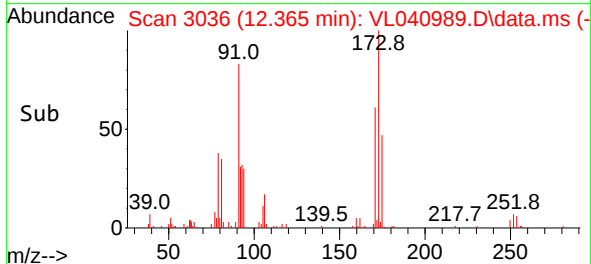
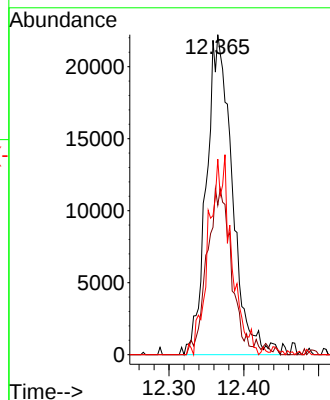
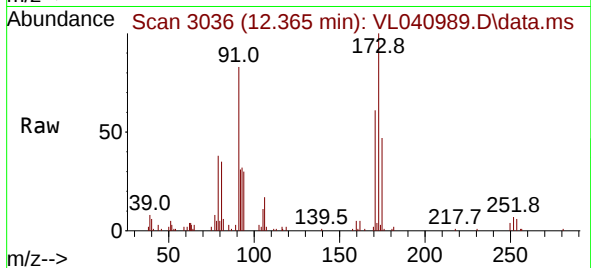
VSTDIC0.5

Tgt Ion: 173	Resp: 53430
Ion Ratio	Lower Upper
173 100	
175 50.9	39.3 58.9
171 56.1	41.8 62.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50

4-Methyl-2-Pentanone

Concen: 0.472 ppbv m

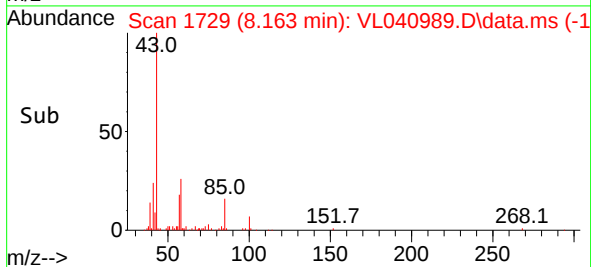
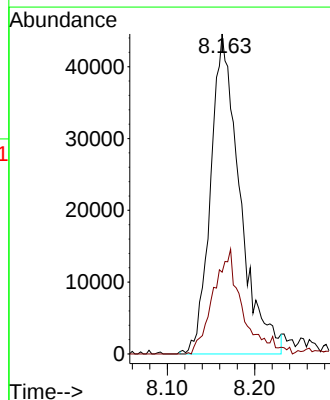
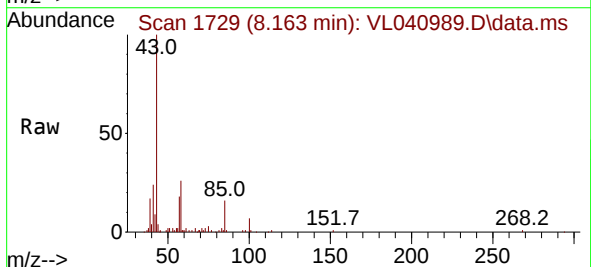
RT: 8.163 min Scan# 1729

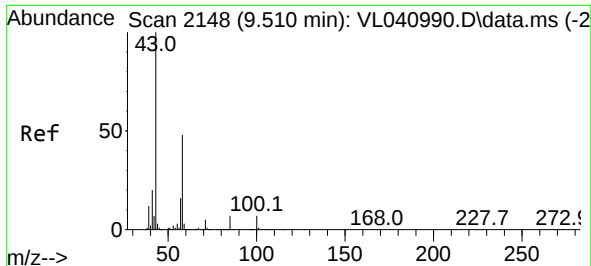
Delta R.T. 0.019 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

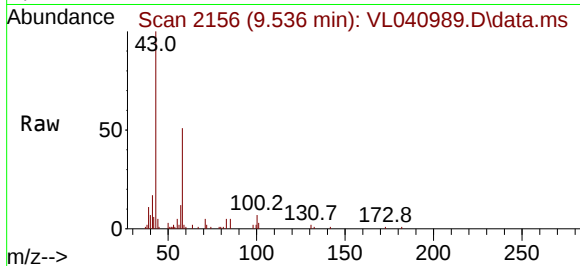
Tgt Ion: 43	Resp: 103531
Ion Ratio	Lower Upper
43 100	
58 33.7	27.4 41.0





#51
2-Hexanone
Concen: 0.444 ppbv m
RT: 9.536 min Scan# 2148
Delta R.T. 0.026 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

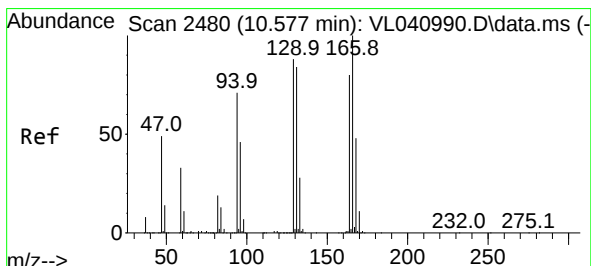
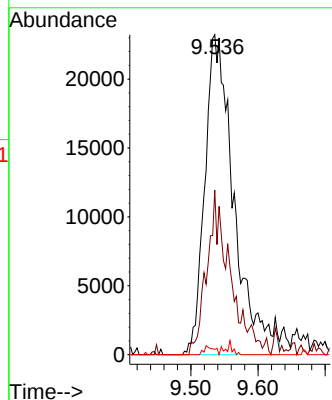
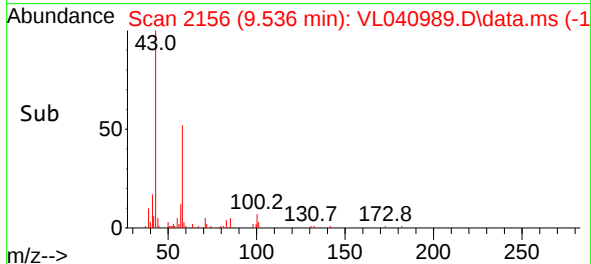
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



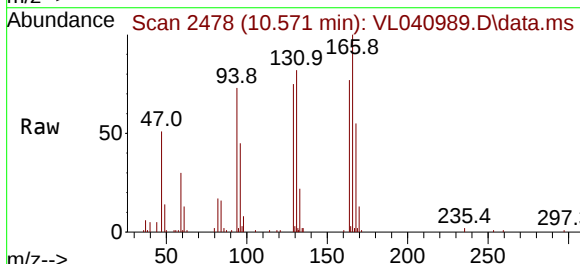
Tgt Ion: 43 Resp: 70120
Ion Ratio Lower Upper
43 100
58 41.1 37.3 55.9
98 0.0 0.2 0.2

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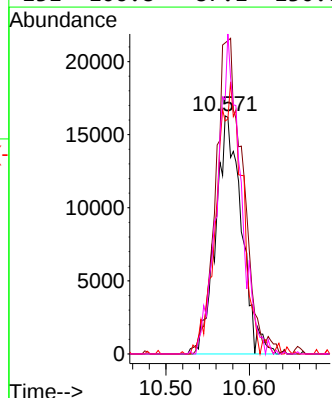
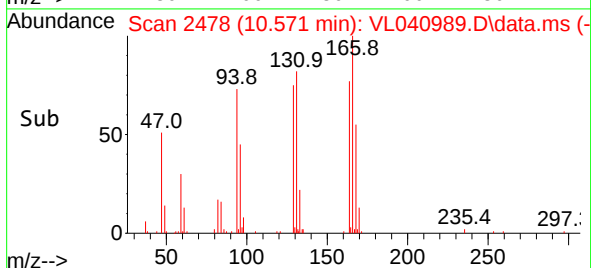
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

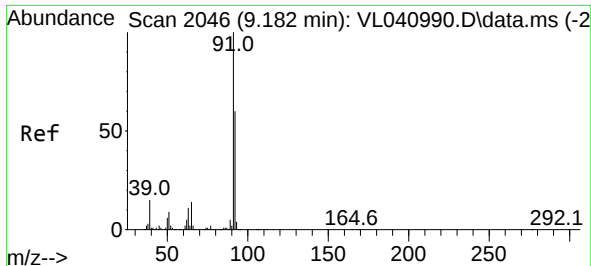


#52
Tetrachloroethene
Concen: 0.488 ppbv m
RT: 10.571 min Scan# 2478
Delta R.T. -0.007 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion:164 Resp: 35199
Ion Ratio Lower Upper
164 100
166 130.6 98.9 148.3
129 97.9 88.7 133.1
131 106.8 87.1 130.7





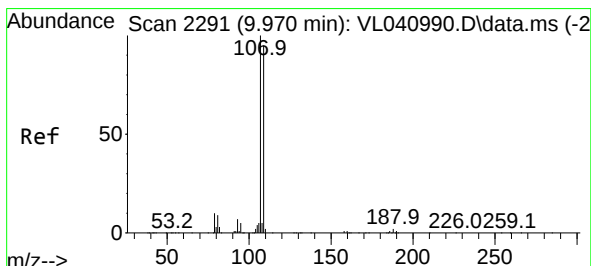
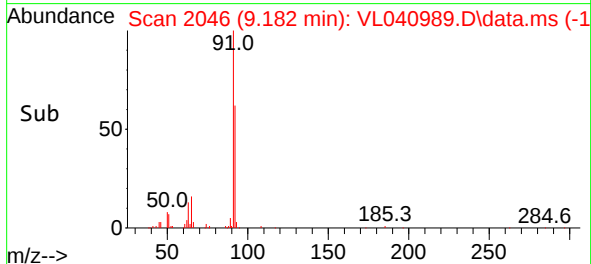
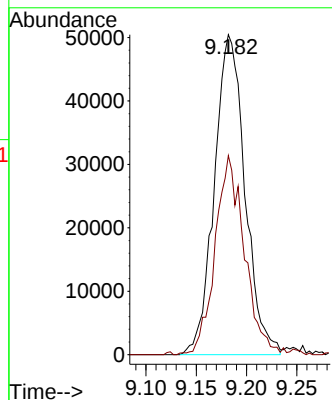
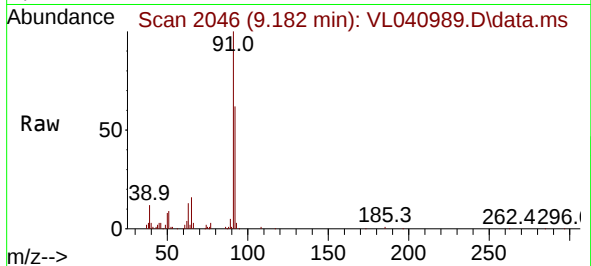
#53
Toluene
Concen: 0.451 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 107034
Ion Ratio Lower Upper
91 100
92 60.2 49.2 73.8

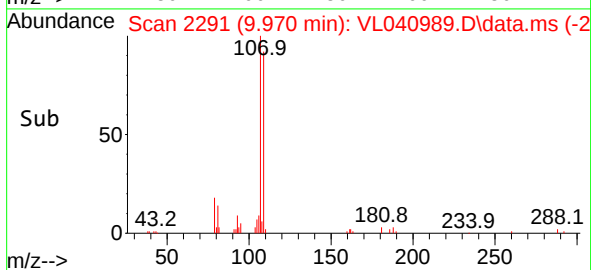
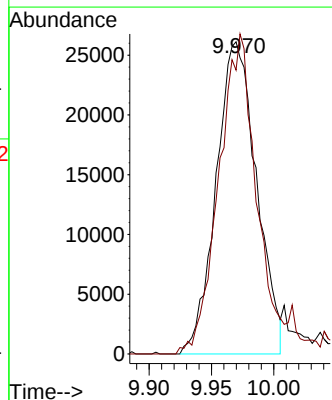
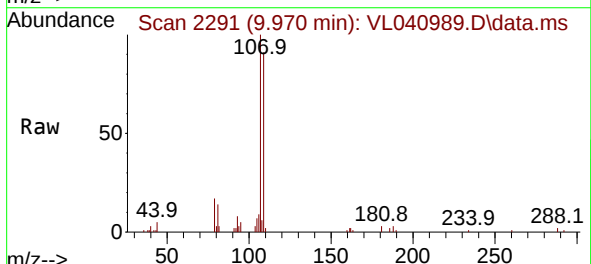
Manual Integrations
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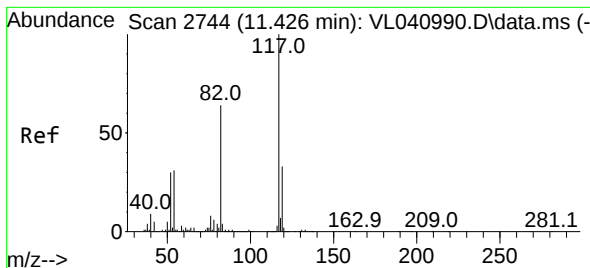
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#54
1,2-Dibromoethane
Concen: 0.481 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

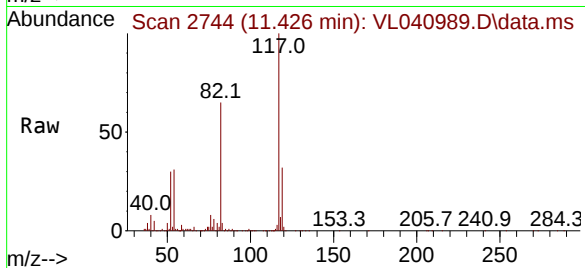
Tgt Ion:107 Resp: 58864
Ion Ratio Lower Upper
107 100
109 88.9 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

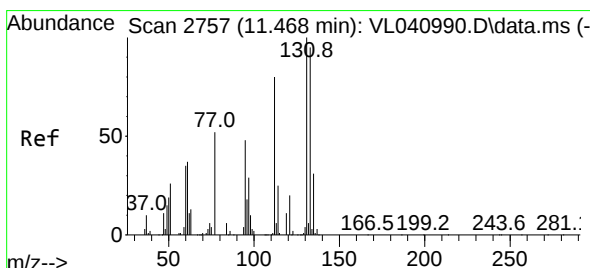
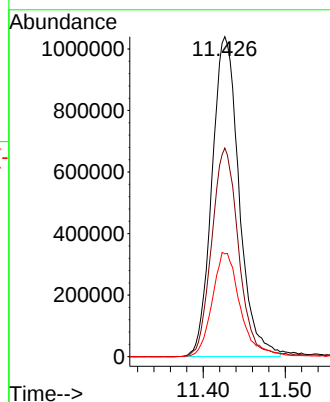
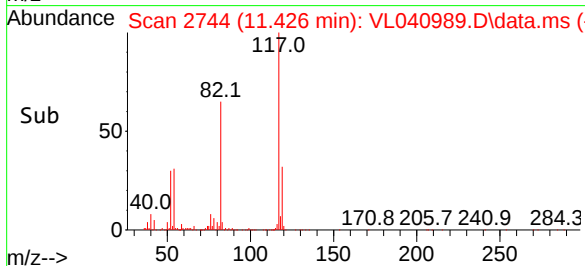
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



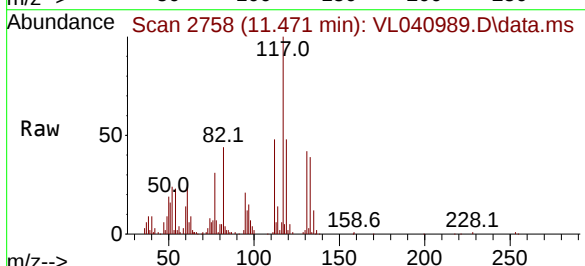
Tgt Ion:117 Resp: 238782
Ion Ratio Lower Upper
117 100
82 65.7 49.6 74.4
119 34.2 23.4 35.0

Manual Integrations
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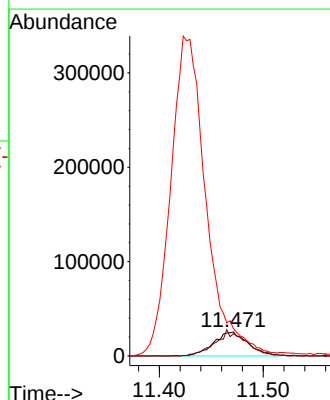
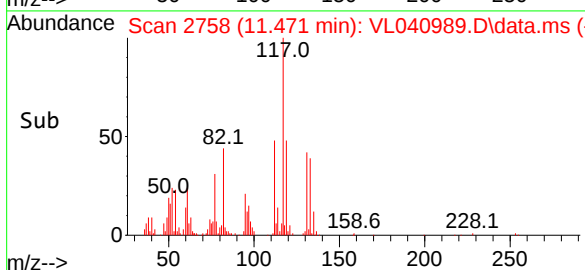
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

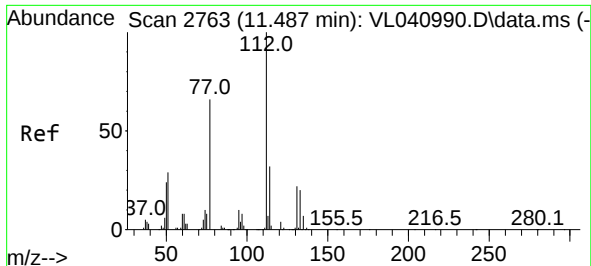


#56
1,1,1,2-Tetrachloroethane
Concen: 0.555 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



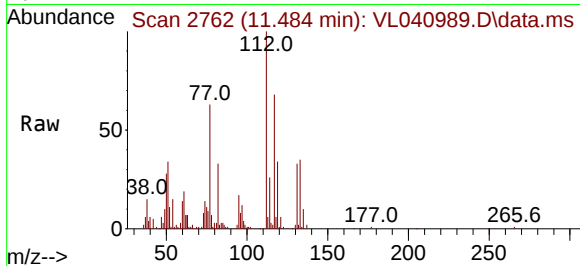
Tgt Ion:131 Resp: 57937
Ion Ratio Lower Upper
131 100
133 97.4 76.3 114.5
119 1406.7 48.6 73.0#





#57
Chlorobenzene
Concen: 0.566 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

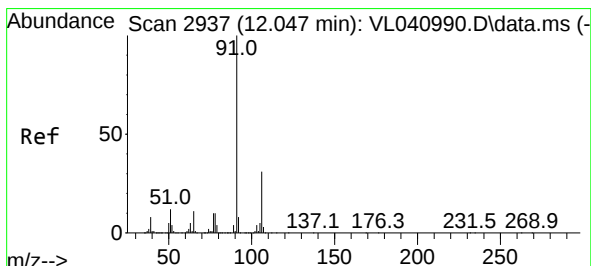
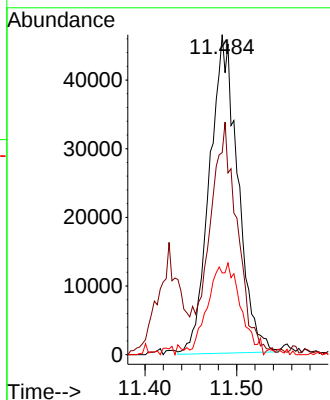
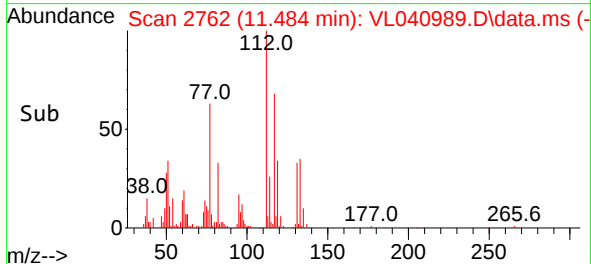
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 9952
Ion Ratio Lower Upper
112 100
77 61.8 52.7 79.1
114 26.8 28.4 34.7

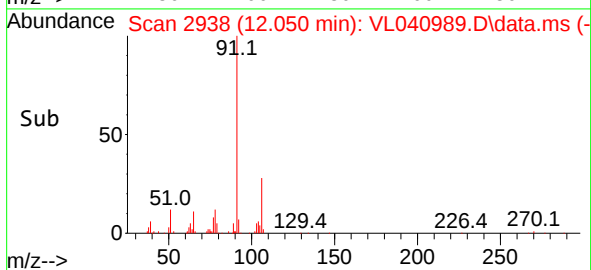
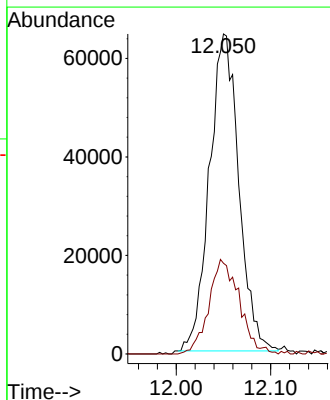
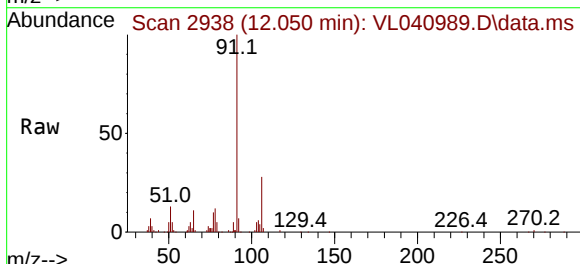
Manual Integrations
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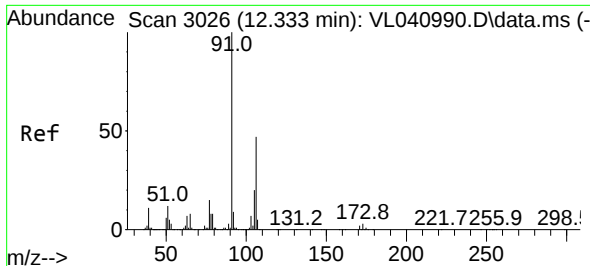
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
Ethyl Benzene
Concen: 0.453 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion: 91 Resp: 138931
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3





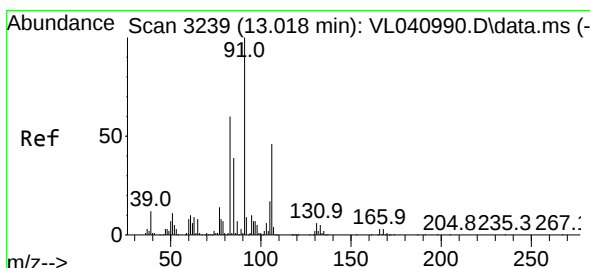
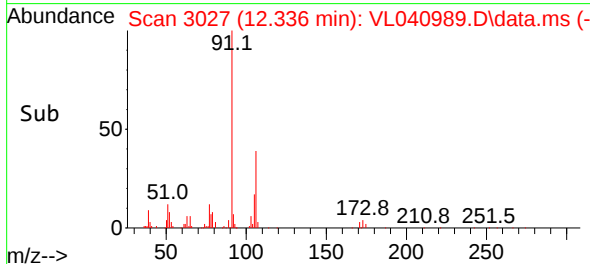
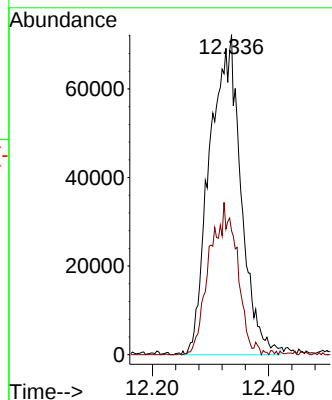
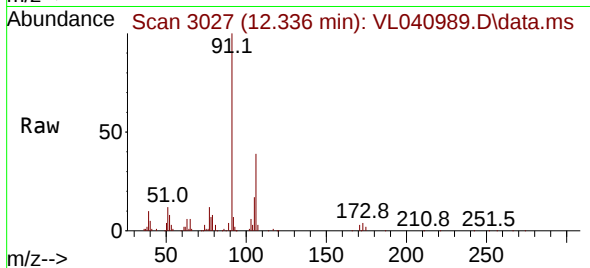
#59
m/p-Xylene
Concen: 1.033 ppbv m
RT: 12.336 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 26935
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

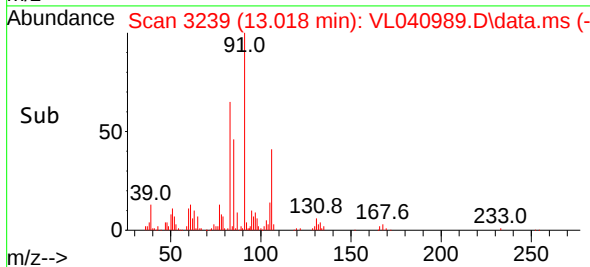
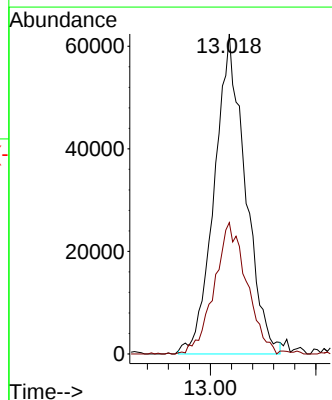
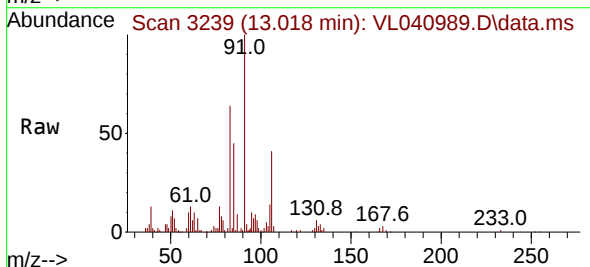
Manual Integrations
APPROVED

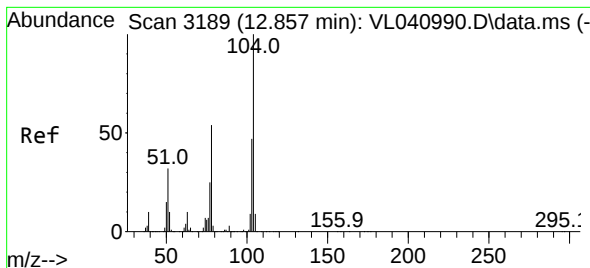
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
o-Xylene
Concen: 0.519 ppbv m
RT: 13.018 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

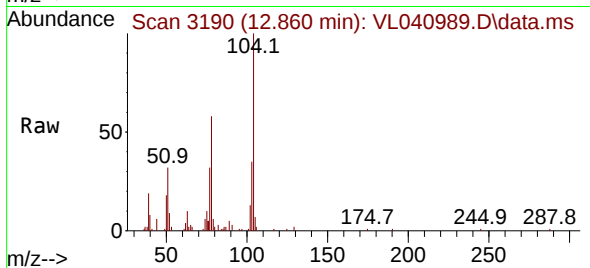
Tgt Ion: 91 Resp: 127581
Ion Ratio Lower Upper
91 100
106 43.4 22.6 67.7





#61
Styrene
Concen: 0.399 ppbv m
RT: 12.860 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

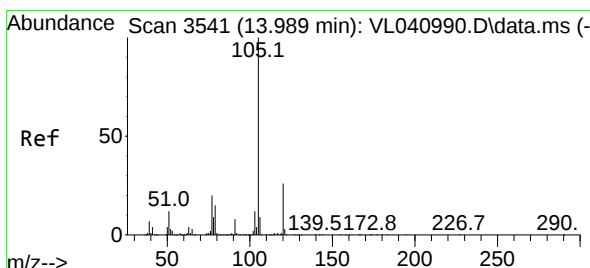
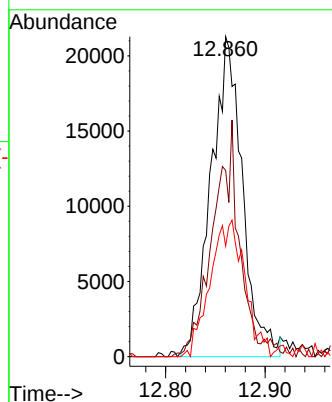
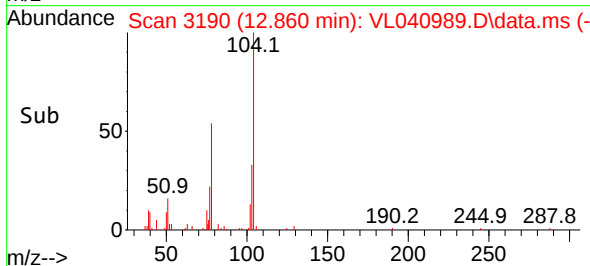
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



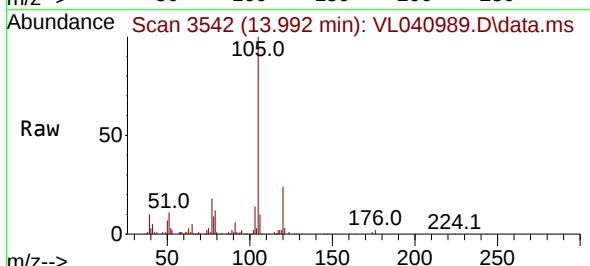
Tgt Ion:104 Resp: 46597
Ion Ratio Lower Upper
104 100
78 62.9 43.0 64.4
103 49.0 37.6 56.4

Manual Integrations
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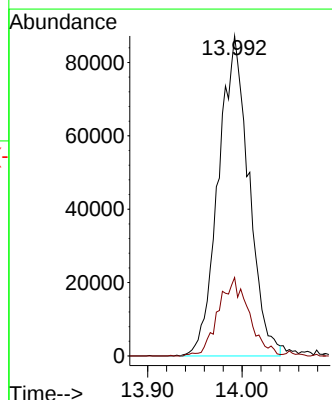
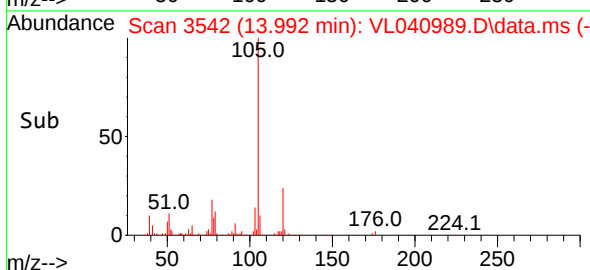
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

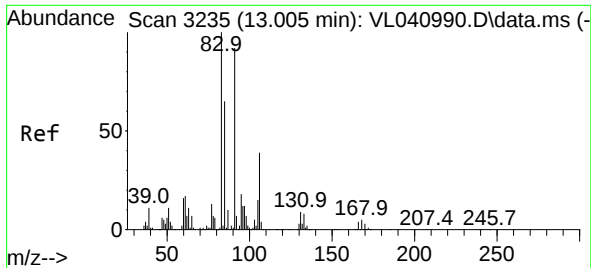


#62
Isopropylbenzene
Concen: 0.535 ppbv
RT: 13.992 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



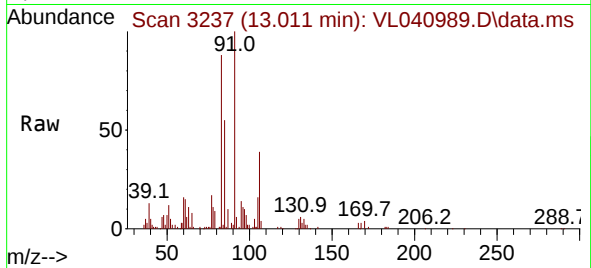
Tgt Ion:105 Resp: 194975
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.617 ppbv m
RT: 13.011 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

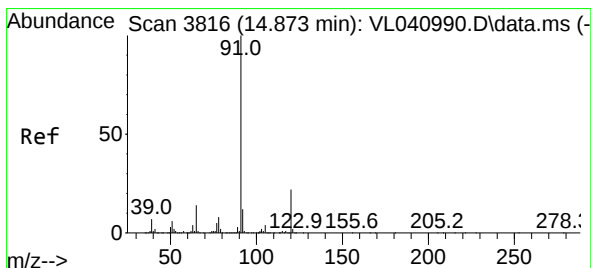
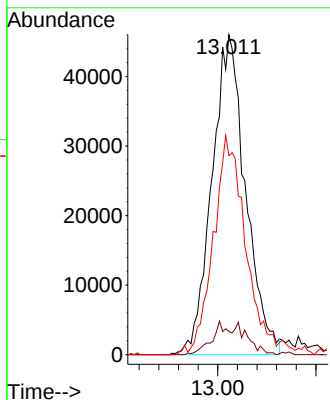
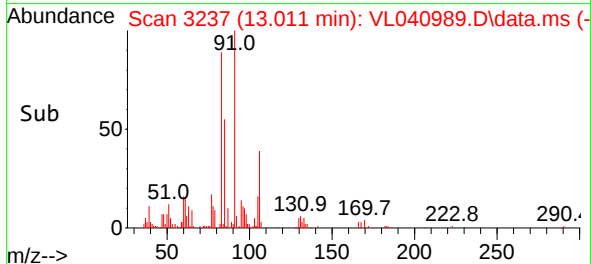
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



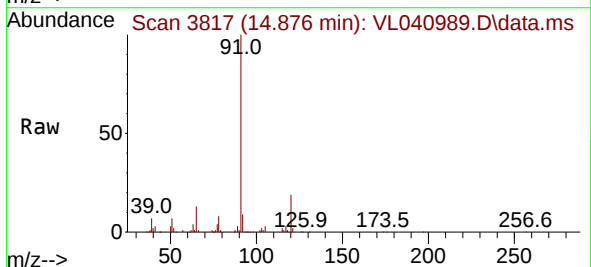
Tgt Ion: 83 Resp: 10933
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.0
85 67.0 32.6 98.0

Manual Integrations
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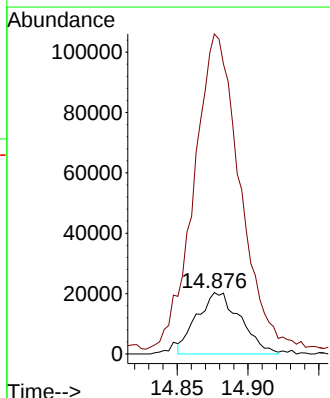
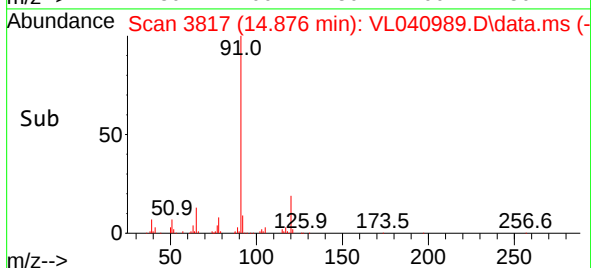
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

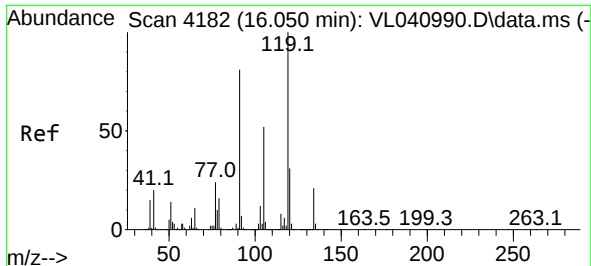


#64
n-propylbenzene
Concen: 0.475 ppbv
RT: 14.876 min Scan# 3817
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion:120 Resp: 43439
Ion Ratio Lower Upper
120 100
91 578.7 381.9 572.9#





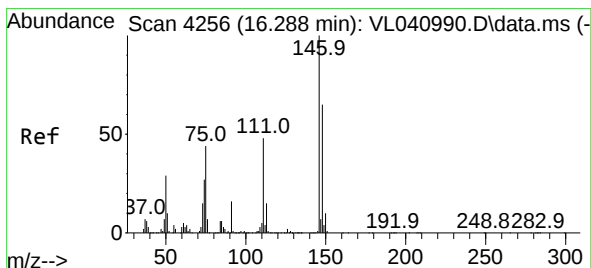
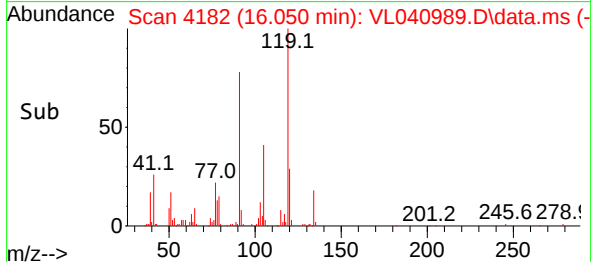
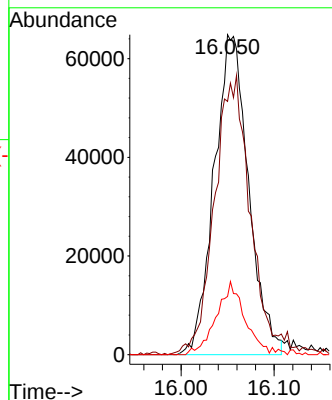
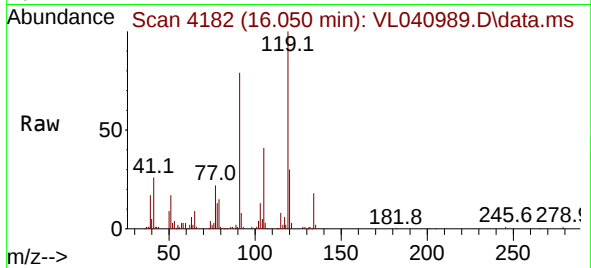
#65
tert-Butylbenzene
Concen: 0.537 ppbv m
RT: 16.050 min Scan# 4182
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 16652
Ion Ratio Lower Upper
119 100
91 93.3 67.2 100.8
134 19.6 15.8 23.6

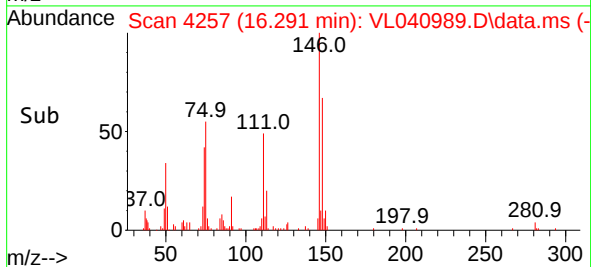
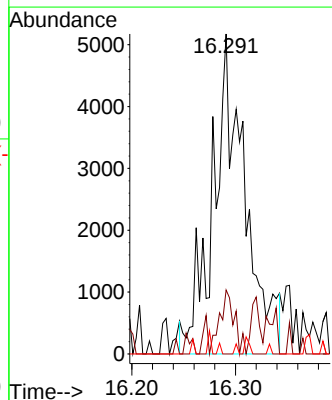
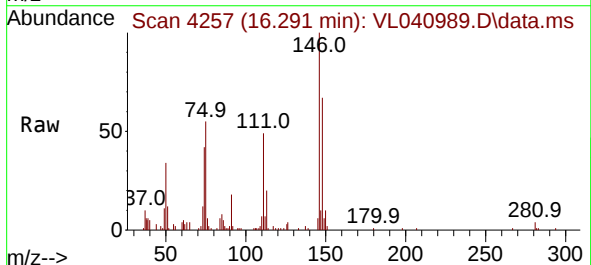
Manual Integrations
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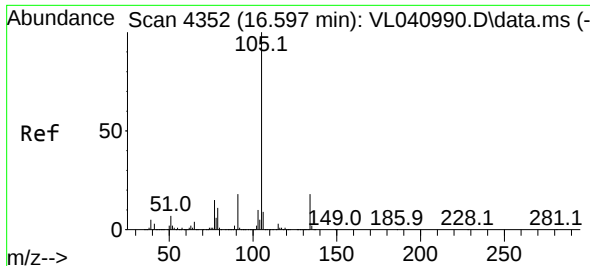
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
Benzyl Chloride
Concen: 0.519 ppbv m
RT: 16.291 min Scan# 4257
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

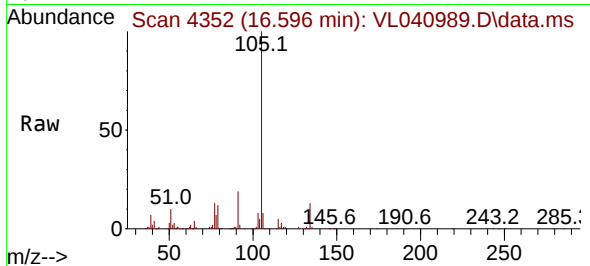
Tgt Ion: 91 Resp: 11004
Ion Ratio Lower Upper
91 100
126 9.5 14.1 21.1#
128 1.4 4.6 6.8#





#67
 sec-Butylbenzene
 Concen: 0.550 ppbv
 RT: 16.596 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04

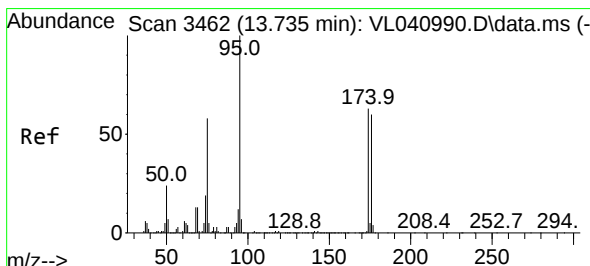
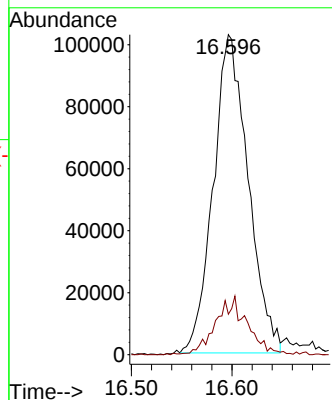
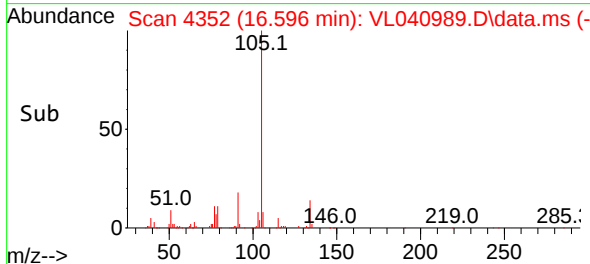
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



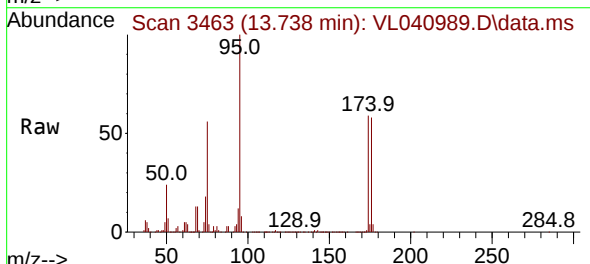
Tgt Ion: 105 Resp: 24780
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.4 21.6

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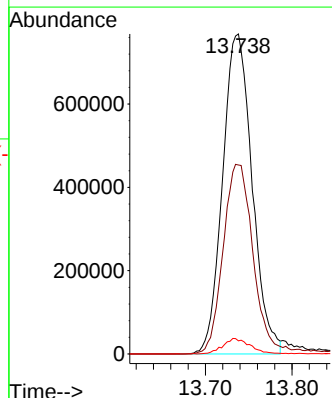
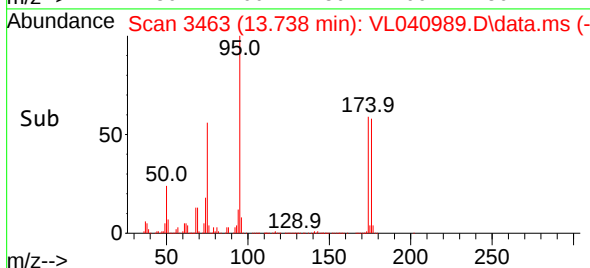
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

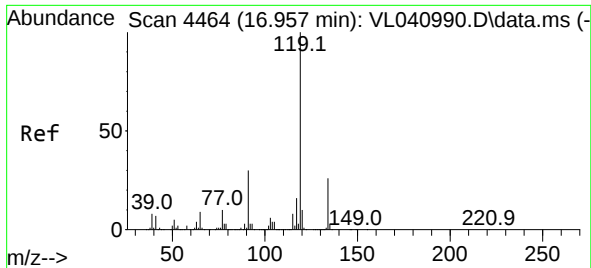


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.347 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. 0.003 min
 Lab File: VL040989.D
 Acq: 23 Jan 2024 9:04



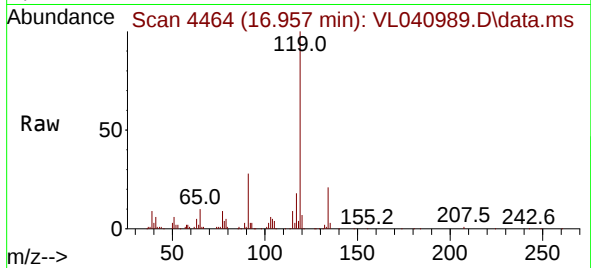
Tgt Ion: 95 Resp: 1819815
 Ion Ratio Lower Upper
 95 100
 174 62.0 48.0 72.0
 175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.505 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

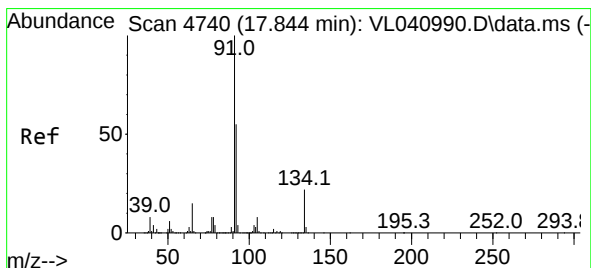
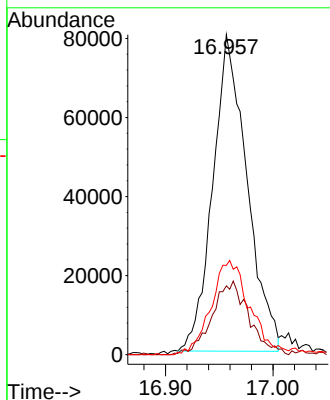
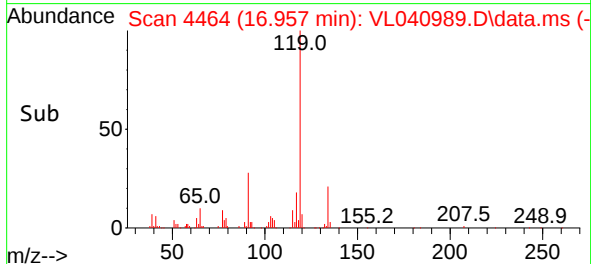
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



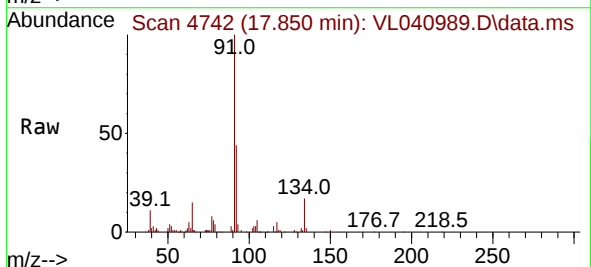
Tgt Ion:119 Resp: 176880
Ion Ratio Lower Upper
119 100
134 25.8 20.3 30.5
91 34.7 24.1 36.1

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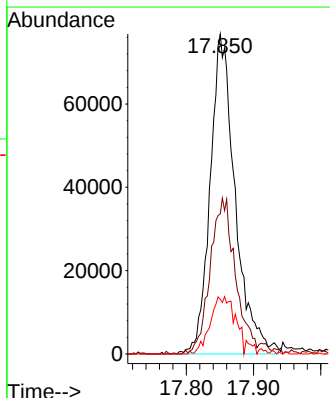
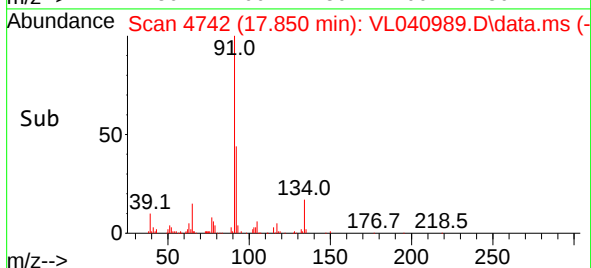
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

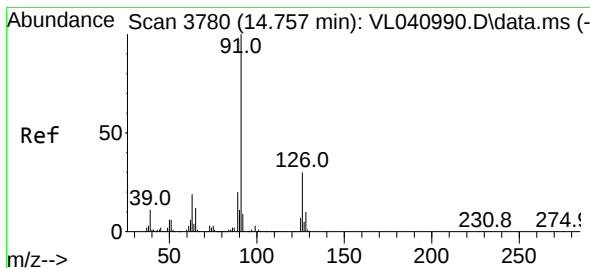


#70
n-Butylbenzene
Concen: 0.547 ppbv m
RT: 17.850 min Scan# 4742
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04



Tgt Ion: 91 Resp: 198678
Ion Ratio Lower Upper
91 100
92 51.1 43.4 65.0
134 19.7 17.6 26.4





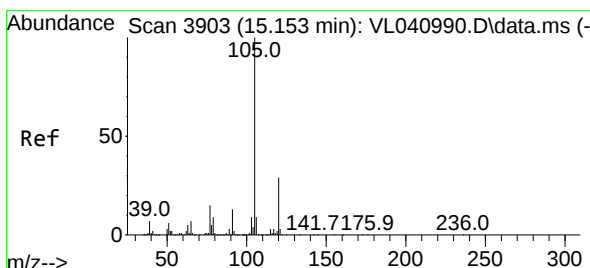
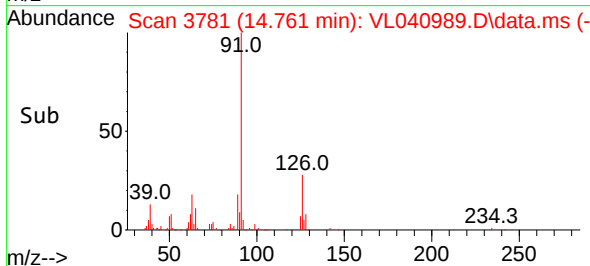
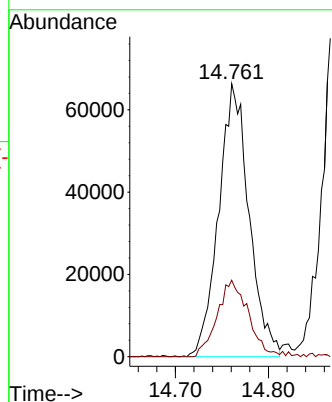
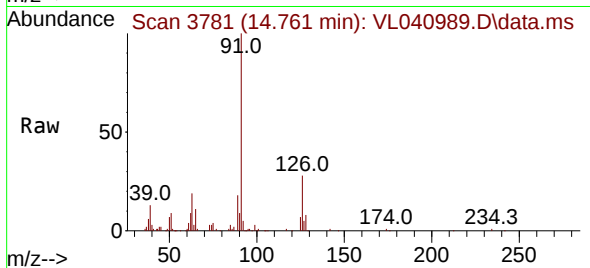
#71
2-Chlorotoluene
Concen: 0.535 ppbv m
RT: 14.761 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 150089
Ion Ratio Lower Upper
91 100
126 29.1 12.4 49.6

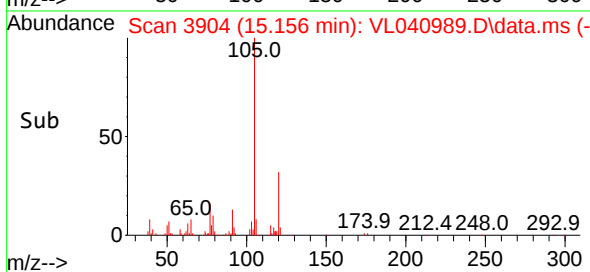
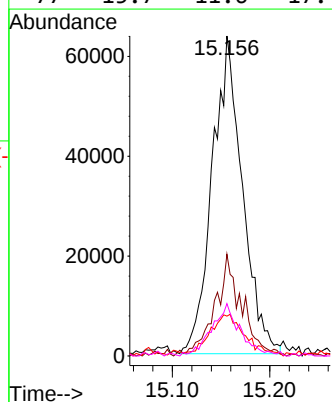
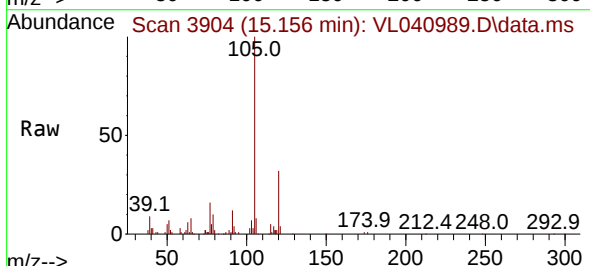
Manual Integrations
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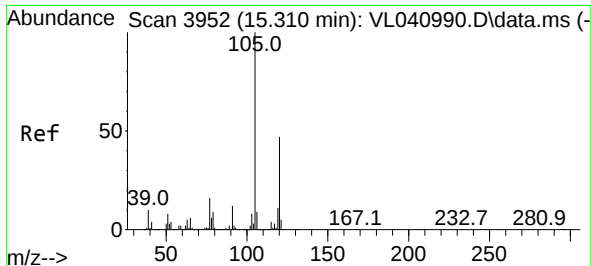
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#72
4-Ethyltoluene
Concen: 0.507 ppbv
RT: 15.156 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

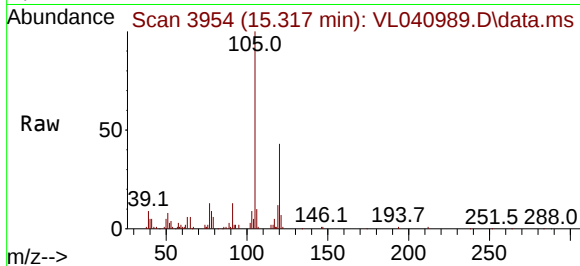
Tgt Ion:105 Resp: 136772
Ion Ratio Lower Upper
105 100
120 30.0 23.8 35.8
91 16.1 10.9 16.3
77 15.7 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.539 ppbv m
RT: 15.317 min Scan# 3954
Delta R.T. 0.006 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

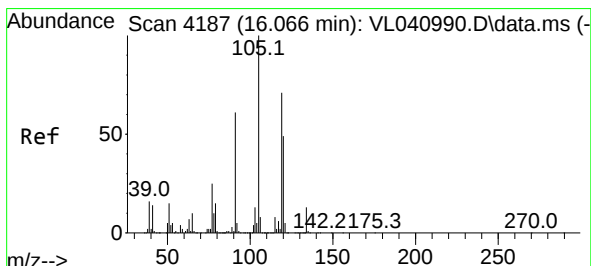
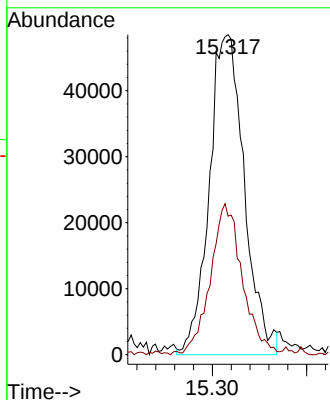
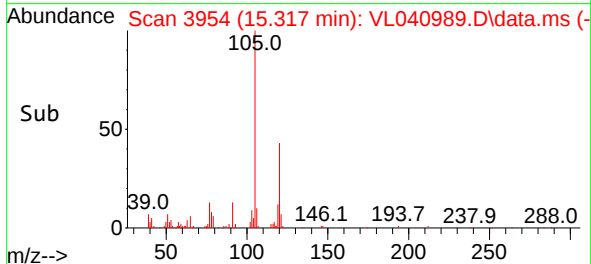
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:105 Resp: 12541
Ion Ratio Lower Upper
105 100
120 43.3 37.8 56.8

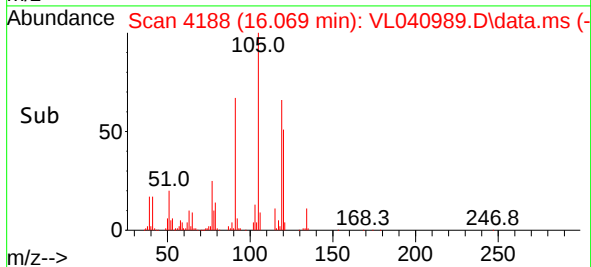
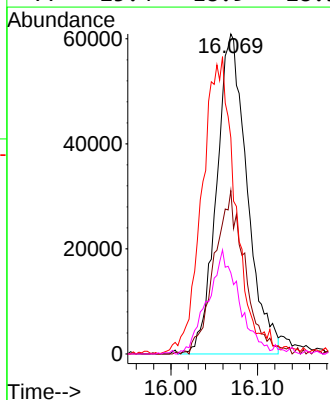
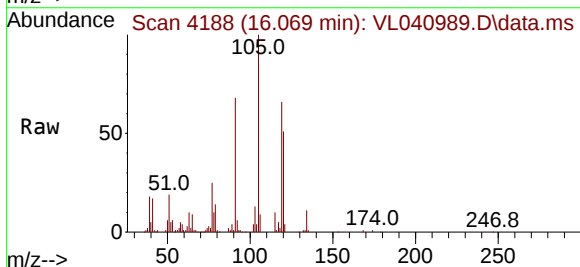
Manual Integrations
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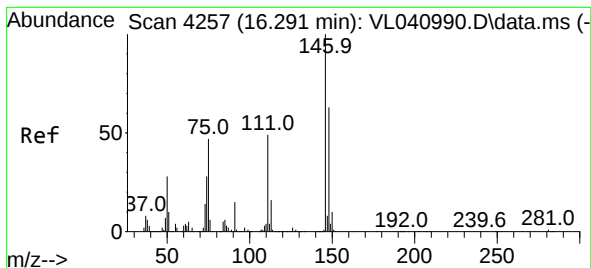
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.576 ppbv
RT: 16.069 min Scan# 4188
Delta R.T. 0.003 min
Lab File: VL040989.D
Acq: 23 Jan 2024 9:04

Tgt Ion:105 Resp: 149154
Ion Ratio Lower Upper
105 100
120 54.3 40.2 60.4
91 65.0 43.0 64.6#
77 25.4 18.9 28.3





#75

1,3-Dichlorobenzene

Concen: 0.543 ppbv

RT: 16.297 min Scan# 4257

Delta R.T. 0.006 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:146 Resp: 8036

Ion Ratio Lower Upper

146 100

111 52.1 24.7 74.1

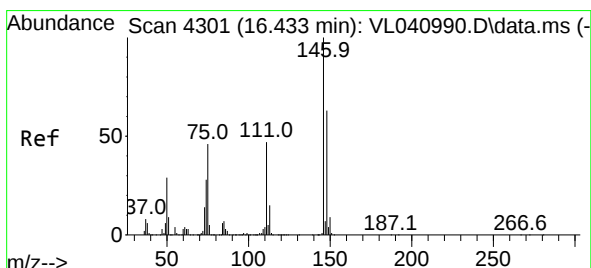
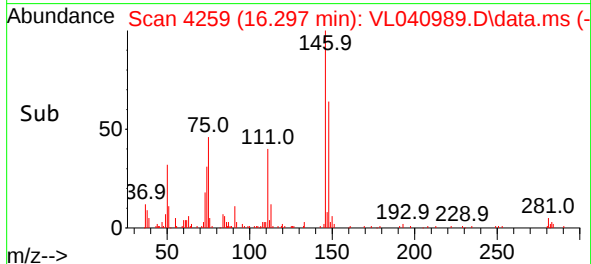
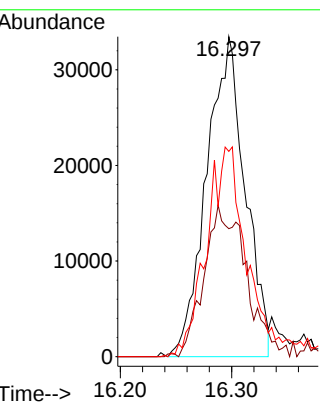
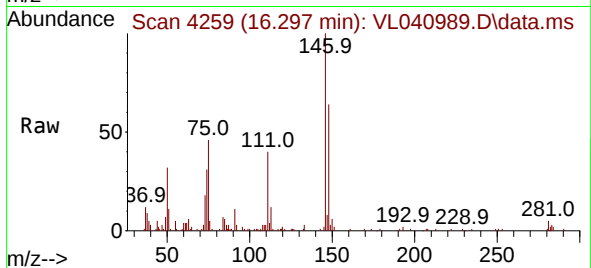
148 71.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#76

1,4-Dichlorobenzene

Concen: 0.577 ppbv m

RT: 16.432 min Scan# 4301

Delta R.T. -0.000 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

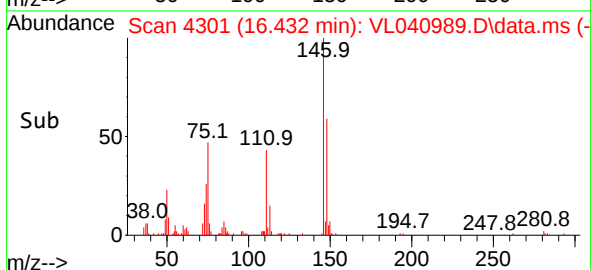
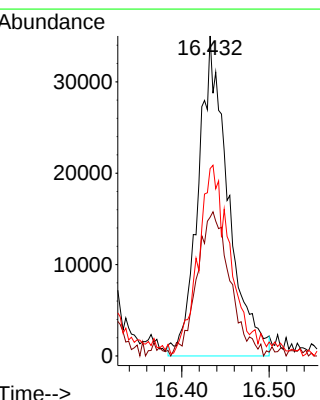
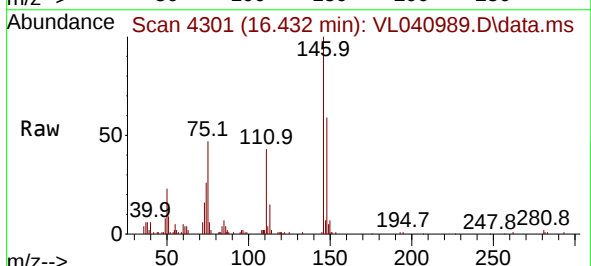
Tgt Ion:146 Resp: 83495

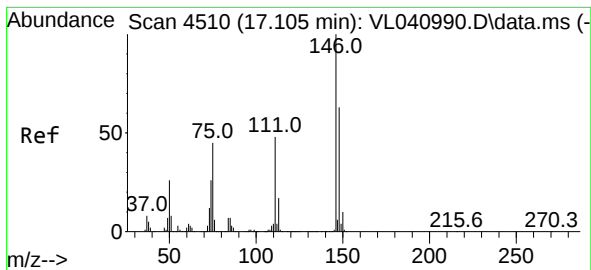
Ion Ratio Lower Upper

146 100

111 50.5 24.1 72.4

148 67.9 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 0.602 ppbv m

RT: 17.108 min Scan# 4510

Delta R.T. 0.003 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:146 Resp: 85889

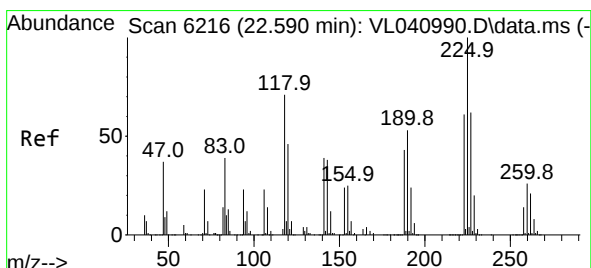
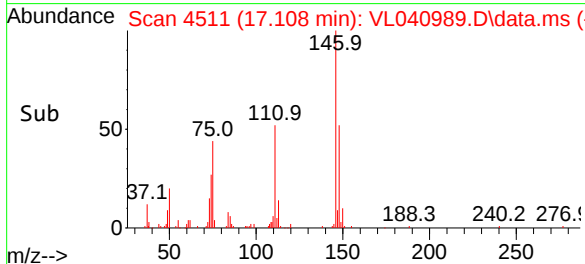
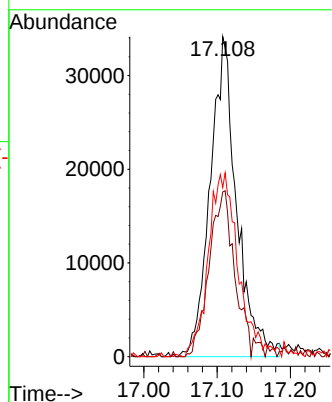
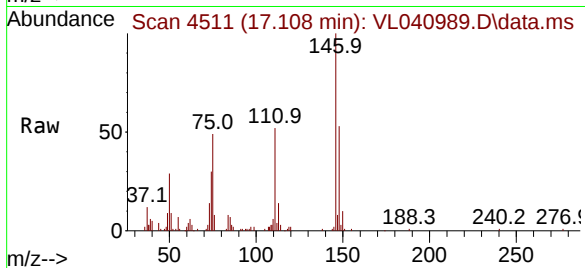
Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.5	76.5
148	0.0	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.642 ppbv m

RT: 22.590 min Scan# 6216

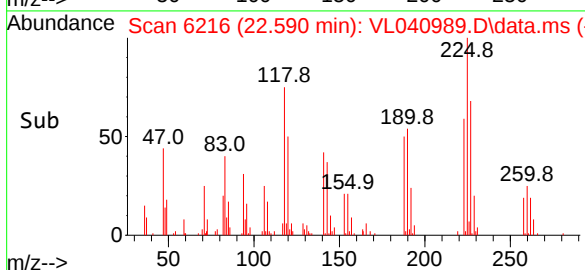
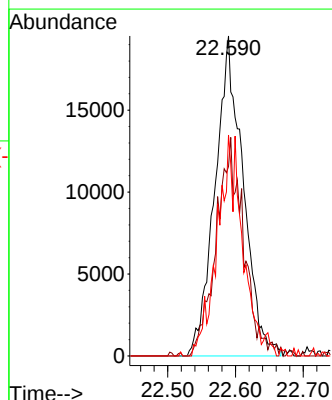
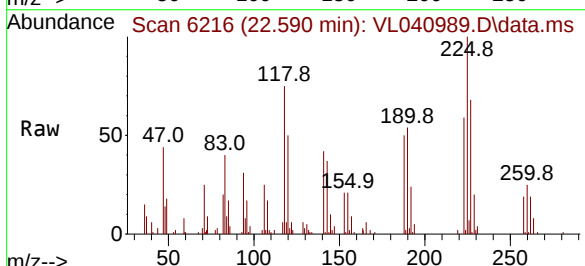
Delta R.T. -0.000 min

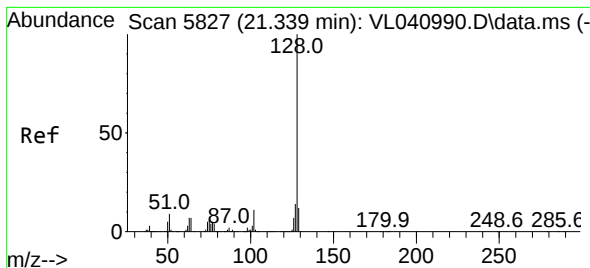
Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion:225 Resp: 56292

Ion	Ratio	Lower	Upper
225	100		
223	66.9	51.5	77.3
227	63.3	51.7	77.5





#79

Naphthalene

Concen: 0.545 ppbv m

RT: 21.349 min Scan# 5827

Delta R.T. 0.010 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

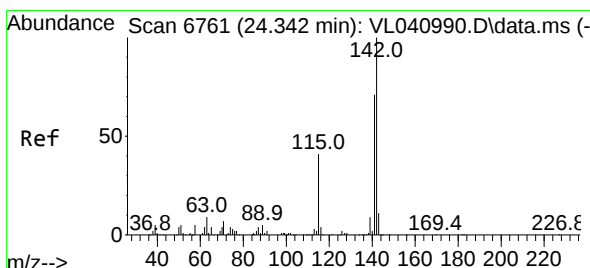
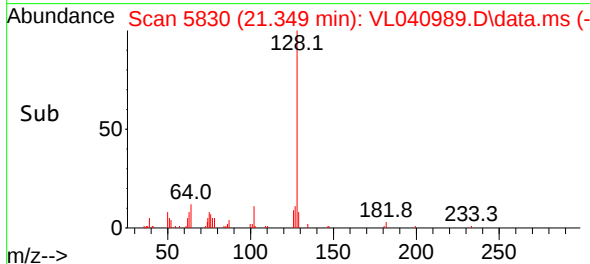
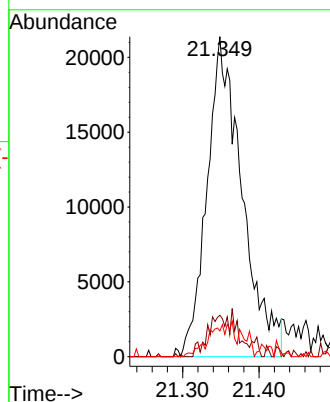
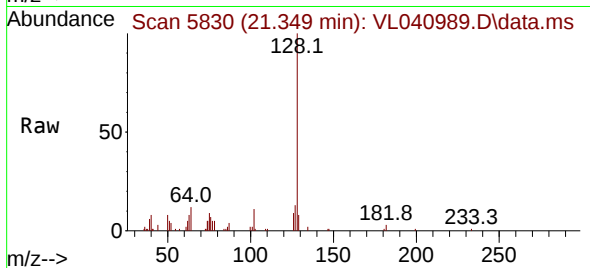
VSTDICC0.5

Tgt Ion:	128	Resp:	6805
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	8.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#80

Naphthalene,2-methyl-

Concen: 0.463 ppbv m

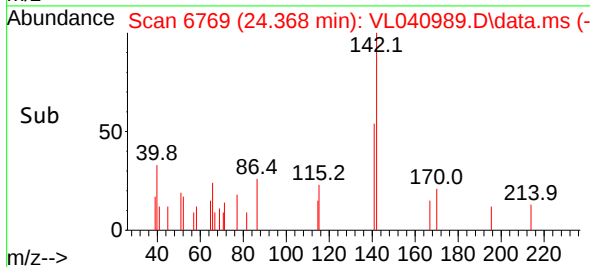
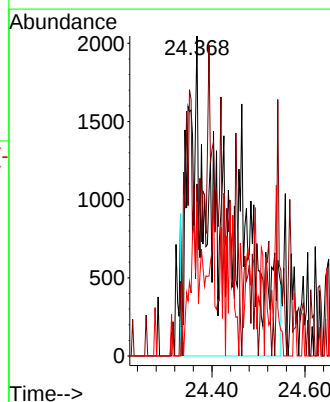
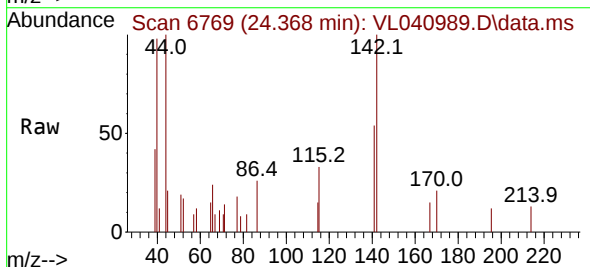
RT: 24.368 min Scan# 6769

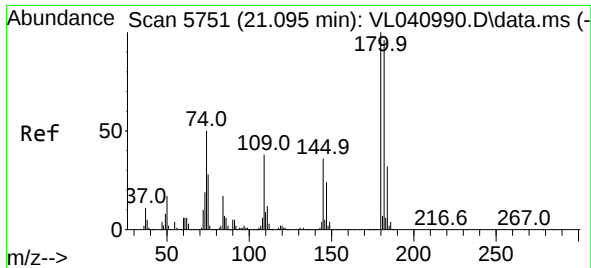
Delta R.T. 0.026 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Tgt Ion:	142	Resp:	10555
Ion Ratio	Lower	Upper	
142	100		
141	23.4	68.5	102.7#
115	10.2	34.5	51.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.571 ppbv m

RT: 21.108 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL040989.D

Acq: 23 Jan 2024 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 40940

Ion Ratio Lower Upper

180 100

182 0.0 79.4 119.0

184 0.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024

