

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040990.D
 Acq On : 23 Jan 2024 9:43
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 10:20:35 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	1102442	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2811031	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2681044	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.735 95 2020216 10.230 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.697	85	2158850	10.281	ppbv	98
3) Chlorodifluoromethane	2.642	51	1638297	9.875	ppbv	100
4) Chloromethane	2.780	50	616630	10.080	ppbv	96
5) Vinyl Chloride	2.886	62	656027	11.110	ppbv	96
6) Bromomethane	3.086	94	272147	10.389	ppbv	99
7) Chloroethane	3.163	64	221860	10.539	ppbv	99
8) Dichlorotetrafluoroethane	2.822	85	1614811	10.673	ppbv	99
9) Propene	2.661	41	535832	9.789	ppbv	95
10) Heptane	7.542	43	1409692	10.360	ppbv	100
11) Trichlorofluoromethane	3.526	101	1779897	10.842	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1280928	10.047	ppbv	99
13) Ethanol	3.208	45	119928	8.684	ppbv	95
14) Bromoethene	3.333	108	512679	10.972	ppbv	99
15) Acetone	3.433	43	1156318	8.745	ppbv	96
16) 1,3-Butadiene	2.951	39	625531	10.988	ppbv	99
17) tert-Butyl alcohol	3.841	59	1154990	11.809	ppbv	99
18) 1,1-Dichloroethene	3.845	96	559498	10.629	ppbv	98
19) Isopropyl Alcohol	3.539	45	766885	11.115	ppbv #	97
20) Methylene Chloride	3.896	84	455683	9.669	ppbv	98
21) Allyl Chloride	3.960	41	794431	10.165	ppbv	99
22) trans-1,2-Dichloroethene	4.411	96	579369	9.653	ppbv	94
23) Vinyl Acetate	4.591	43	1372269	9.408	ppbv	99
24) 1,1-Dichloroethane	4.526	63	1178207	9.030	ppbv	100
25) Ethyl Acetate	5.166	43	2366492	10.329	ppbv	100
26) Hexane	5.176	57	1005744	9.905	ppbv	98
27) Carbon Disulfide	4.089	76	1403803	10.216	ppbv	96
28) Methyl tert-Butyl Ether	4.549	73	840743	8.923	ppbv	100
29) Chloroform	5.240	83	1755640	10.246	ppbv	99
30) Cyclohexane	6.565	84	870118	10.279	ppbv	99
31) cis-1,2-Dichloroethene	5.041	61	933639	8.951	ppbv	98
32) 1,1,1-Trichloroethane	5.967	97	1768944	10.678	ppbv	99
34) 2-Butanone	4.748	43	1280949	8.614	ppbv	99
35) Carbon Tetrachloride	6.455	117	1854403	10.534	ppbv	99
36) Benzene	6.333	78	2213896	10.075	ppbv	99
37) 1,2-Dichloroethane	5.771	62	1357838	10.312	ppbv	100
38) Trichloroethene	7.253	130	876540	10.620	ppbv	98
39) 1,2-Dichloropropane	7.037	63	866648	10.036	ppbv	99
40) 1,4-Dioxane	7.246	88	363347	9.965	ppbv	92
41) Tetrahydrofuran	5.517	42	920602	10.176	ppbv	99
42) Bromodichloromethane	7.211	83	1980486	10.429	ppbv	99
43) Methyl Methacrylate	7.433	69	923144	10.710	ppbv	100
44) 2,2,4-Trimethylpentane	7.288	57	3667031	9.824	ppbv	99
45) t-1,3-Dichloropropene	8.671	75	675526	10.564	ppbv	99

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

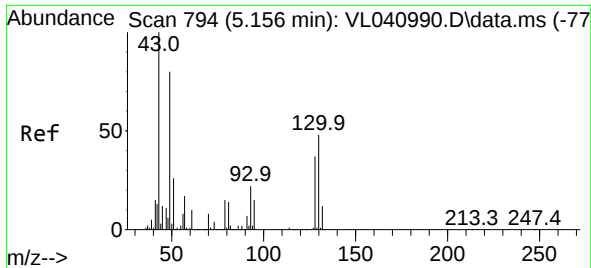
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

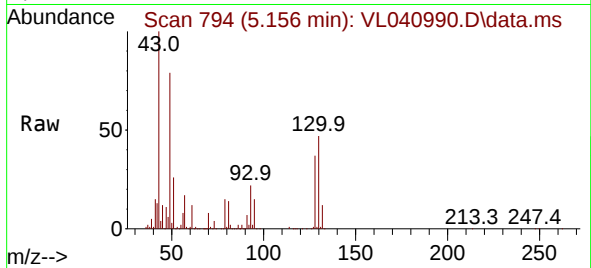
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	805620	10.175	ppbv	99
47) 1,1,2-Trichloroethane	8.861	97	950033	10.372	ppbv	98
48) Dibromochloromethane	9.671	129	1666600	10.659	ppbv	100
49) Bromoform	12.368	173	1375145	11.398	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2366821	10.510	ppbv	99
51) 2-Hexanone	9.510	43	1742676	10.751	ppbv #	99
52) Tetrachloroethene	10.577	164	767594	10.369	ppbv	98
53) Toluene	9.182	91	2543388	10.438	ppbv	99
54) 1,2-Dibromoethane	9.970	107	1363939	10.850	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.468	131	1203777	10.268	ppbv	99
57) Chlorobenzene	11.487	112	1977195	10.014	ppbv	99
58) Ethyl Benzene	12.047	91	3468001	10.071	ppbv	100
59) m/p-Xylene	12.333	91	5940837m	20.282	ppbv	
60) o-Xylene	13.018	91	2833693	10.267	ppbv	100
61) Styrene	12.857	104	1457030	11.106	ppbv	100
62) Isopropylbenzene	13.989	105	4114820	10.054	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.005	83	2083540	10.480	ppbv	99
64) n-propylbenzene	14.873	120	1060314	10.328	ppbv	96
65) tert-Butylbenzene	16.050	119	3638576	10.459	ppbv	99
66) Benzyl Chloride	16.288	91	260134	10.927	ppbv	99
67) sec-Butylbenzene	16.597	105	5143399	10.173	ppbv	100
69) p-Isopropyltoluene	16.957	119	4185762	10.652	ppbv	99
70) n-Butylbenzene	17.844	91	4445115	10.896	ppbv	100
71) 2-Chlorotoluene	14.757	91	3247747	10.304	ppbv	99
72) 4-Ethyltoluene	15.153	105	3246687	10.719	ppbv	99
73) 1,3,5-Trimethylbenzene	15.310	105	2824514	10.804	ppbv	99
74) 1,2,4-Trimethylbenzene	16.066	105	3125984	10.744	ppbv	95
75) 1,3-Dichlorobenzene	16.291	146	1780637	10.714	ppbv	99
76) 1,4-Dichlorobenzene	16.433	146	1751319	10.772	ppbv	99
77) 1,2-Dichlorobenzene	17.105	146	1749844	10.929	ppbv	98
78) Hexachloro-1,3-Butadiene	22.590	225	1000423	10.159	ppbv	99
79) Naphthalene	21.339	128	2339599	16.689	ppbv	99
80) Naphthalene,2-methyl-	24.342	142	422605	16.493	ppbv	94
81) 1,2,4-Trichlorobenzene	21.095	180	1131795	14.062	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

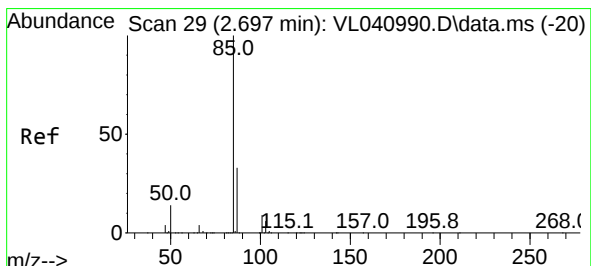
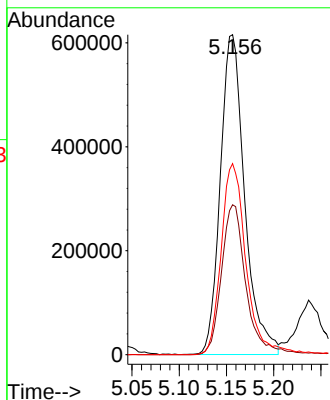
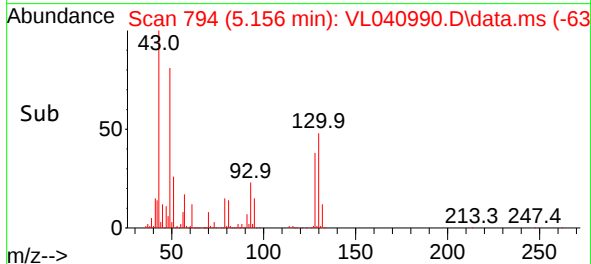
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



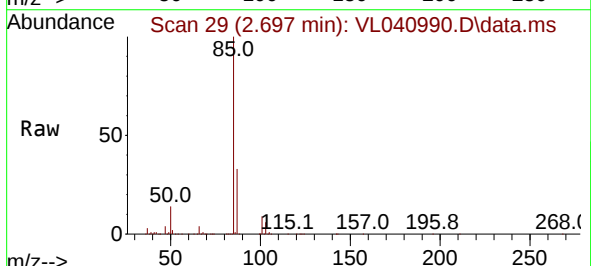
Tgt Ion: 49 Resp: 110244
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.2
130 62.3 30.1 90.5

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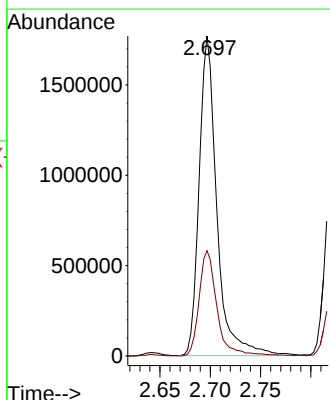
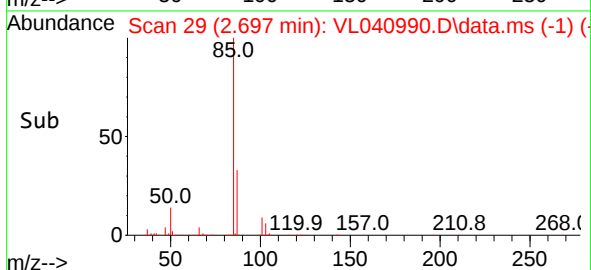
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

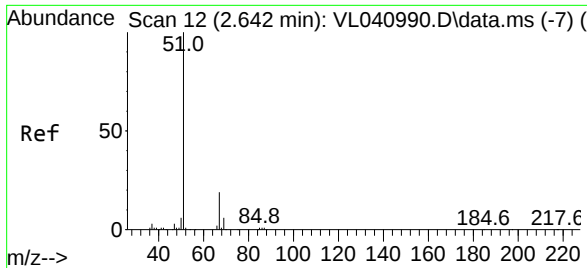


#2
Dichlorodifluoromethane
Concen: 10.281 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion: 85 Resp: 2158850
Ion Ratio Lower Upper
85 100
87 32.9 27.0 40.6





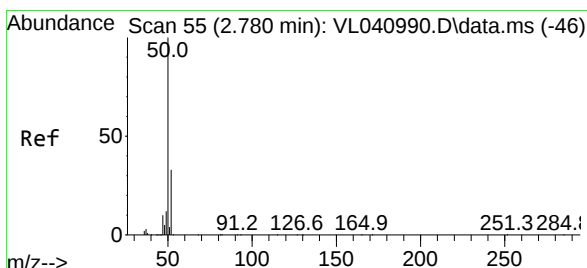
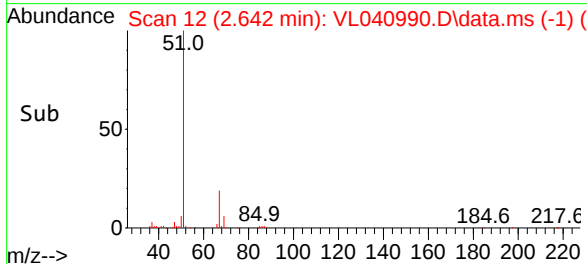
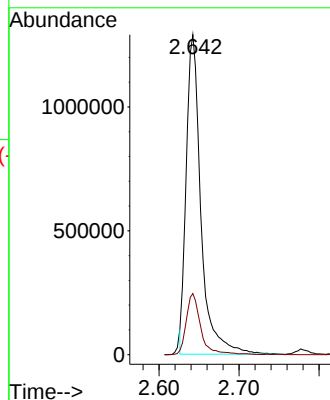
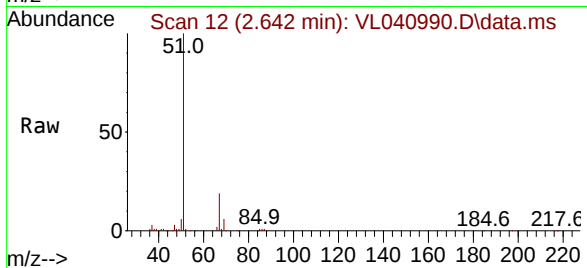
#3
Chlorodifluoromethane
Concen: 9.875 ppbv
RT: 2.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 163829
Ion Ratio Lower Upper
51 100
67 18.5 14.7 22.1

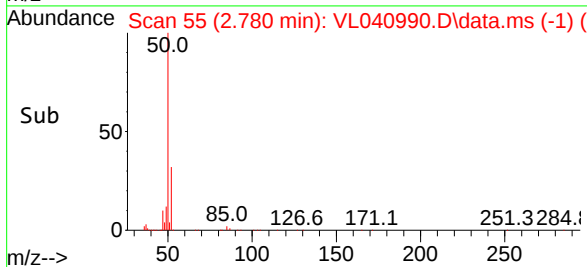
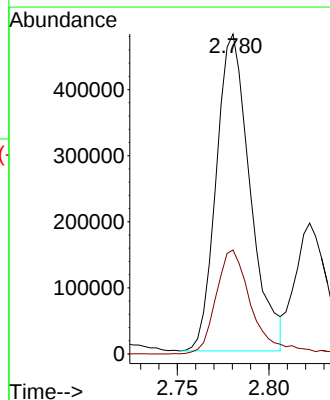
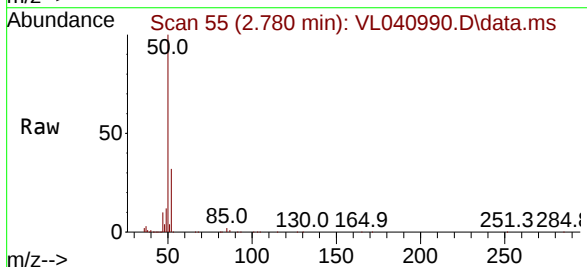
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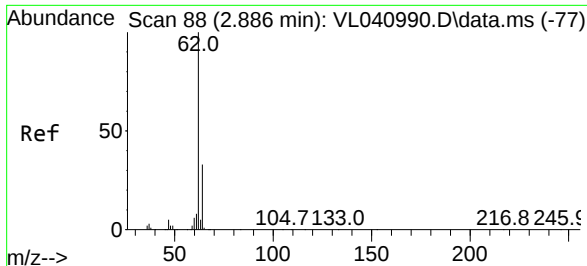
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Chloromethane
Concen: 10.080 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 50 Resp: 616630
Ion Ratio Lower Upper
50 100
52 32.8 28.0 42.0





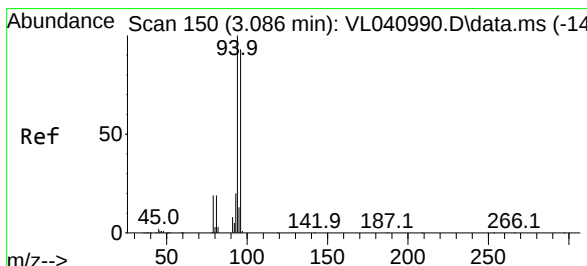
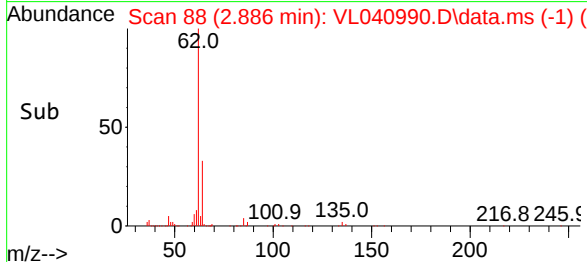
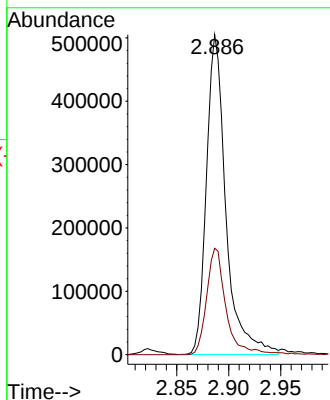
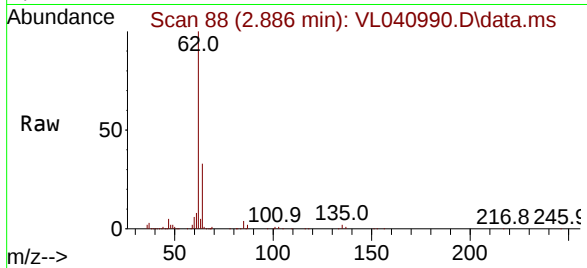
#5
 Vinyl Chloride
 Concen: 11.110 ppbv
 RT: 2.886 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 65602
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.9 37.3

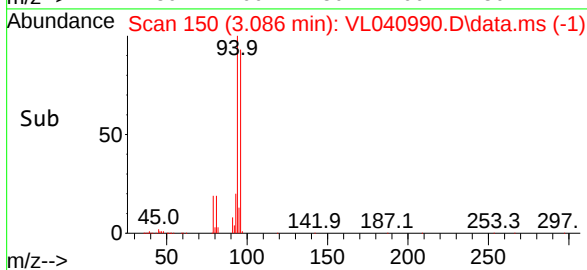
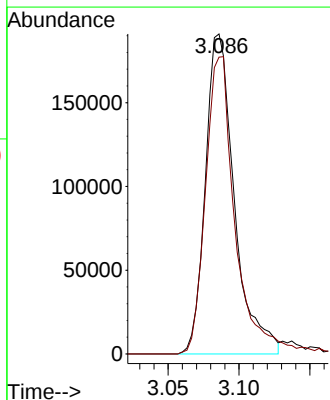
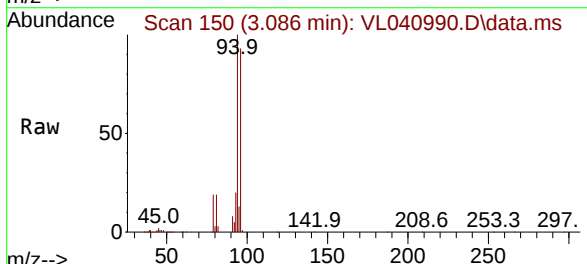
Manual Integrations
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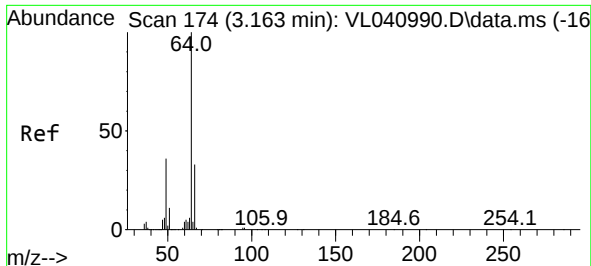
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#6
 Bromomethane
 Concen: 10.389 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 94 Resp: 272147
 Ion Ratio Lower Upper
 94 100
 96 92.8 73.2 109.8





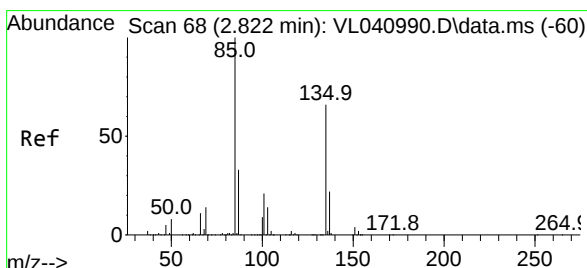
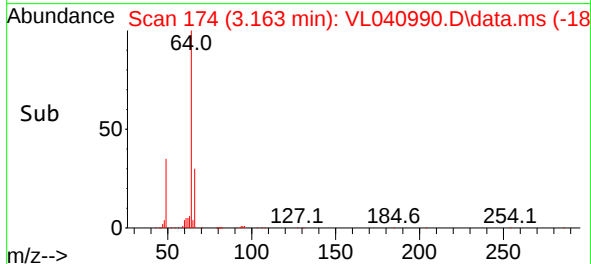
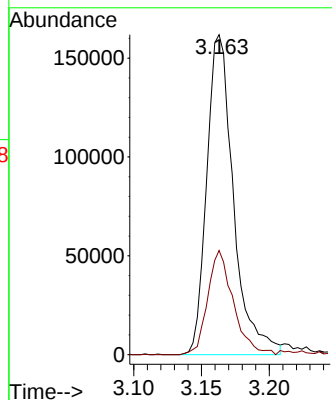
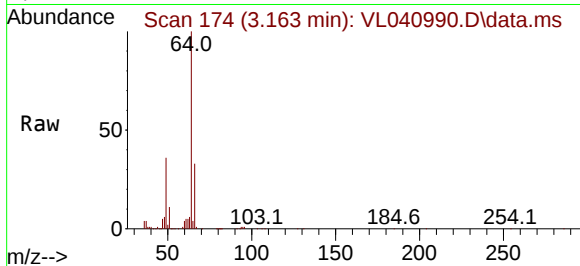
#7
Chloroethane
Concen: 10.539 ppbv
RT: 3.163 min Scan# 174
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 221860
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5

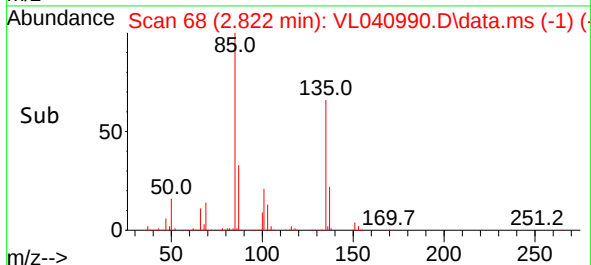
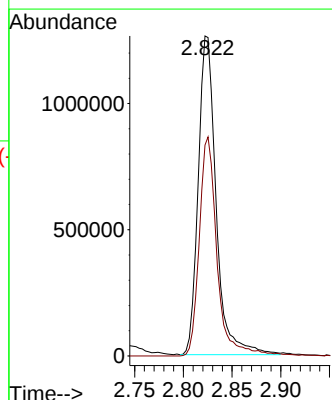
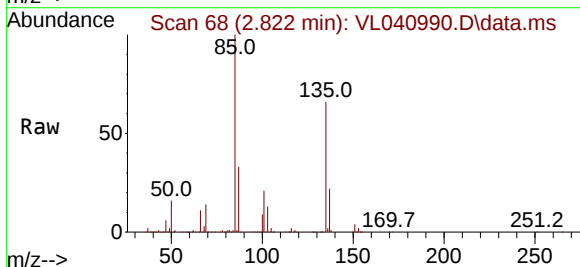
Manual Integrations
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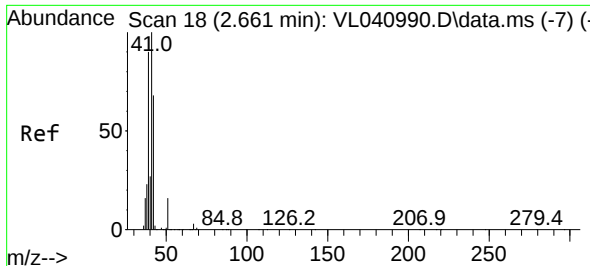
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Dichlorotetrafluoroethane
Concen: 10.673 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

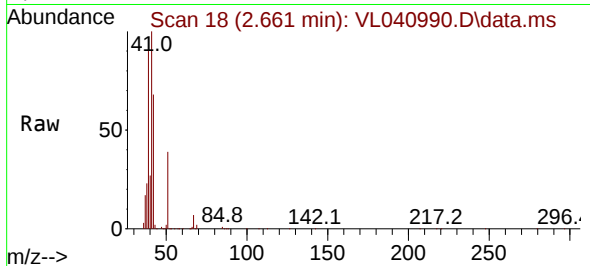
Tgt Ion: 85 Resp: 1614811
Ion Ratio Lower Upper
85 100
135 68.8 55.8 83.8





#9
 Propene
 Concen: 9.789 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

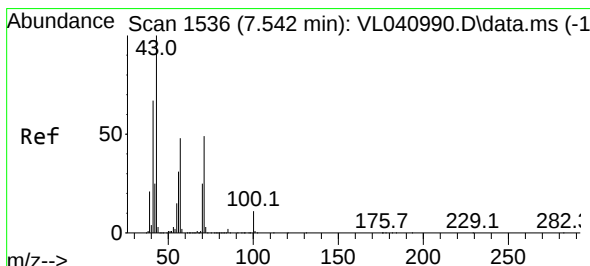
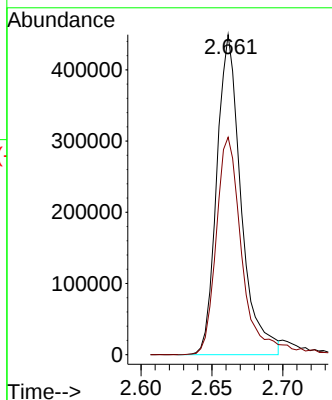
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



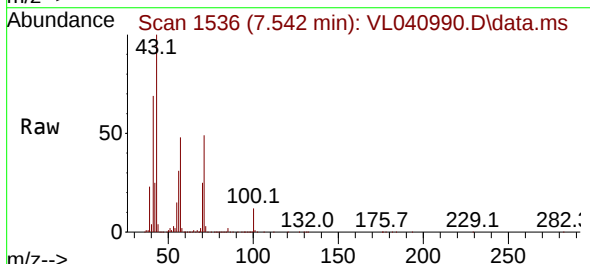
Tgt Ion: 41 Resp: 535832
 Ion Ratio Lower Upper
 41 100
 42 73.7 55.8 83.6

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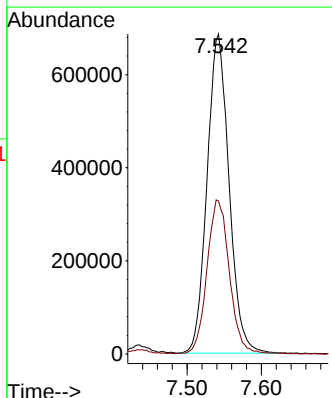
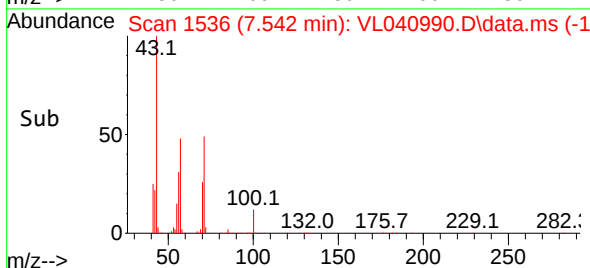
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

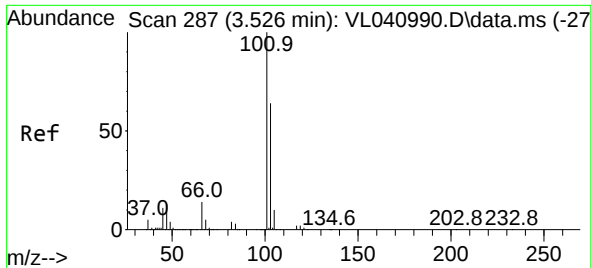


#10
 Heptane
 Concen: 10.360 ppbv
 RT: 7.542 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43



Tgt Ion: 43 Resp: 1409692
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.3 58.9





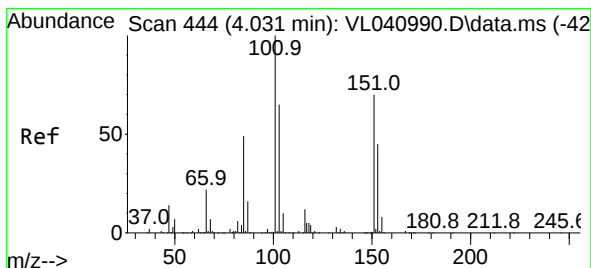
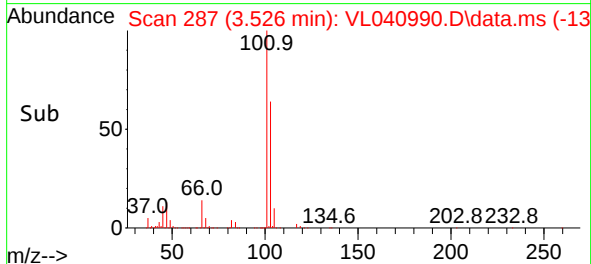
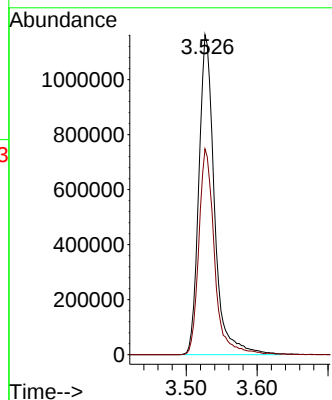
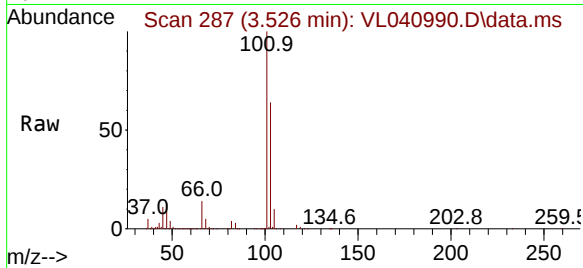
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 Trichlorofluoromethane
 Concen: 10.842 ppbv
 RT: 3.526 min Scan# 287
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 177989
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9

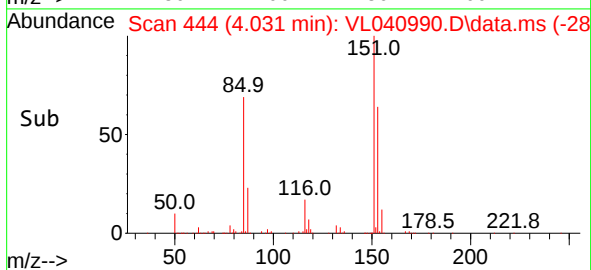
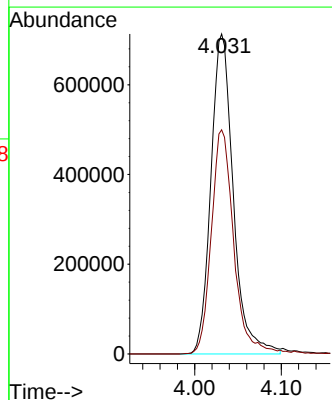
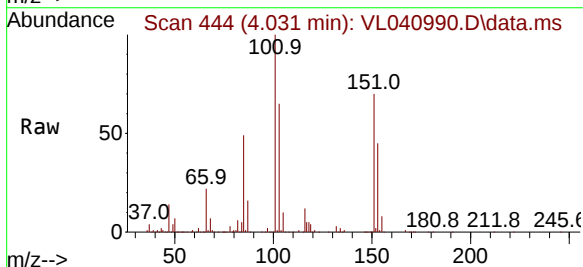
Manual Integrations
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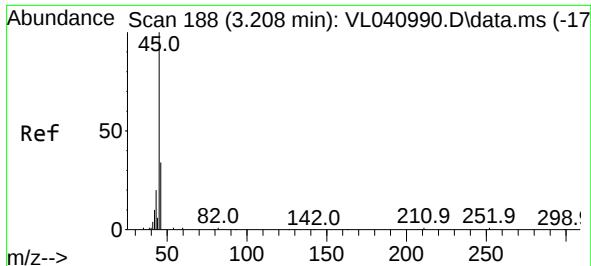
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.047 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

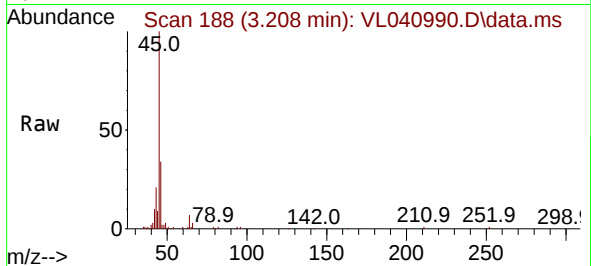
Tgt Ion:101 Resp: 1280928
 Ion Ratio Lower Upper
 101 100
 151 70.8 55.8 83.8





#13
Ethanol
Concen: 8.684 ppbv
RT: 3.208 min Scan# 188
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

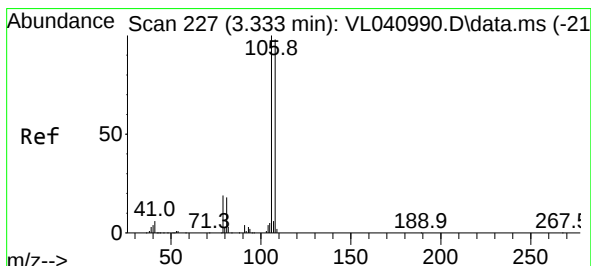
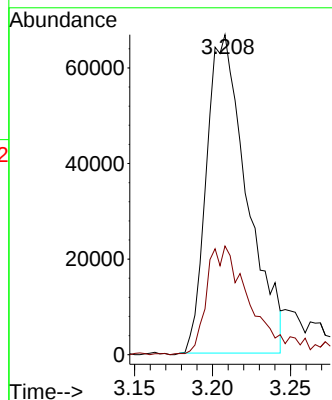
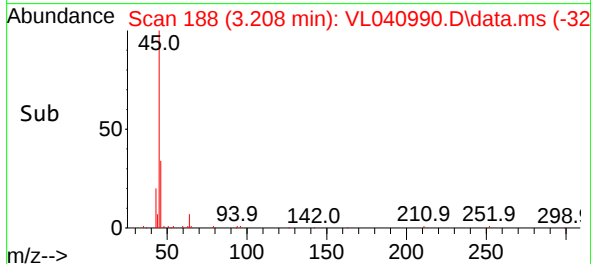
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



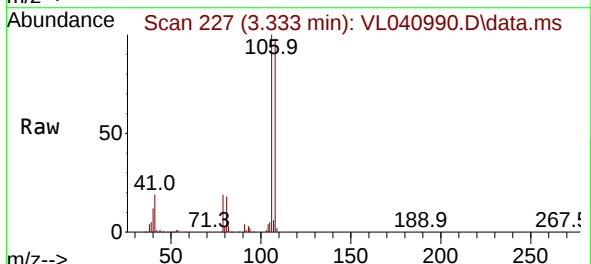
Tgt Ion: 45 Resp: 119928
Ion Ratio Lower Upper
45 100
46 40.5 15.0 60.0

Manual Integrations
APPROVED

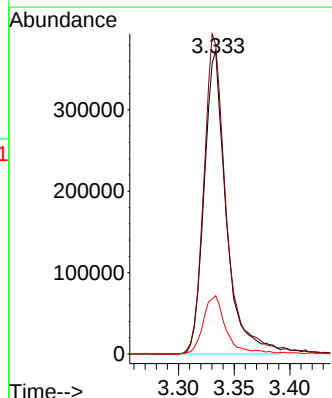
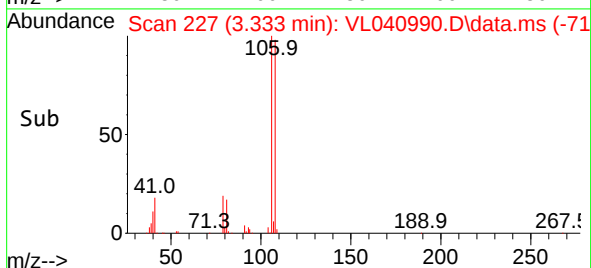
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

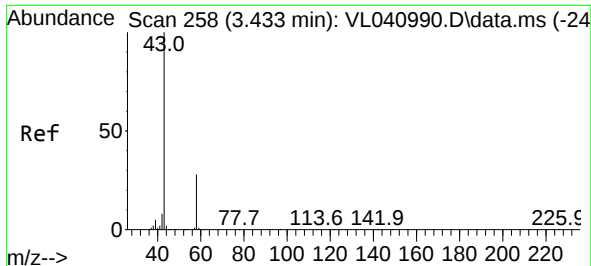


#14
Bromoethene
Concen: 10.972 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



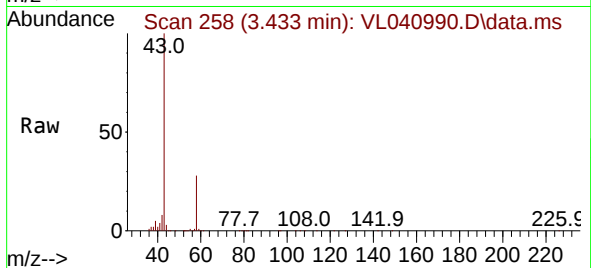
Tgt Ion:108 Resp: 512679
Ion Ratio Lower Upper
108 100
106 108.0 87.5 131.3
79 20.3 16.6 24.8





#15
Acetone
Concen: 8.745 ppbv
RT: 3.433 min Scan# 258
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

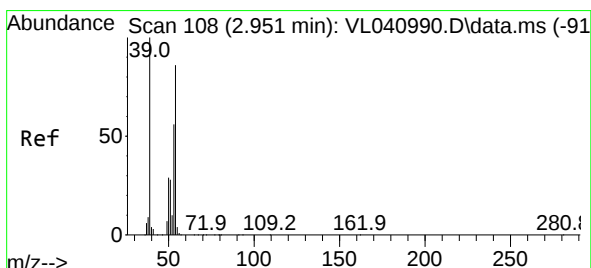
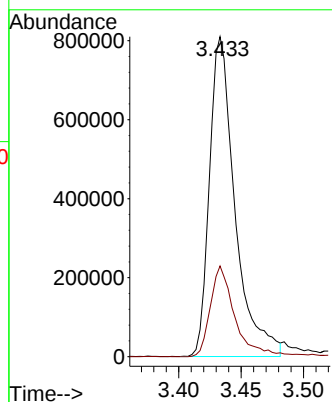
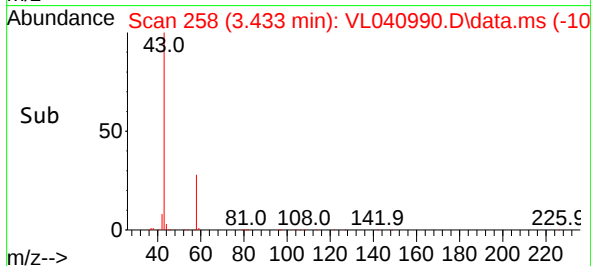
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



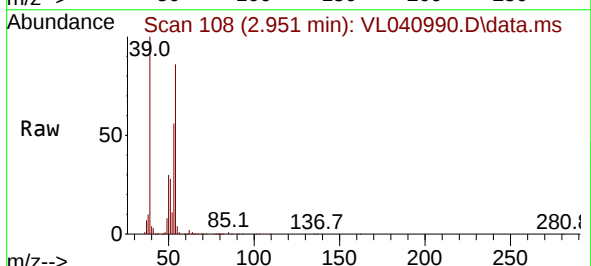
Tgt Ion: 43 Resp: 1156318
Ion Ratio Lower Upper
43 100
58 27.7 20.6 30.8

Manual Integrations
APPROVED

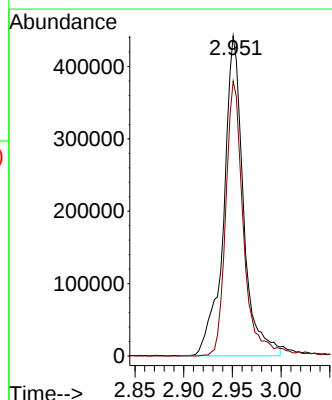
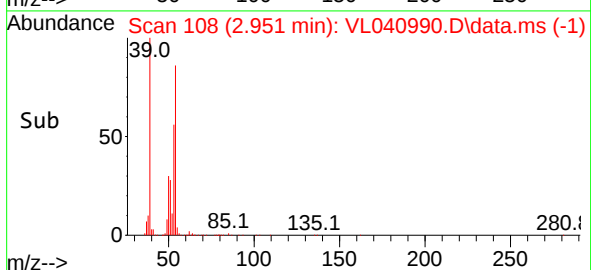
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

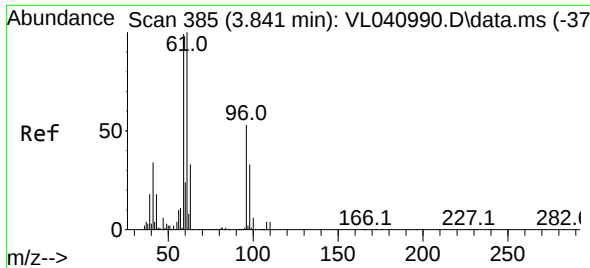


#16
1,3-Butadiene
Concen: 10.988 ppbv
RT: 2.951 min Scan# 108
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



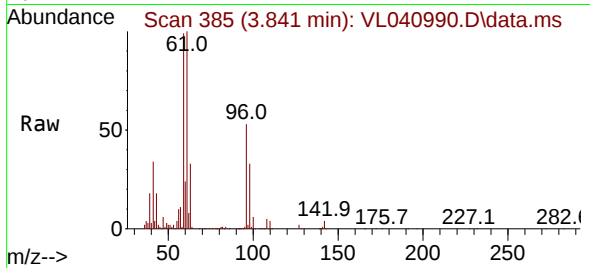
Tgt Ion: 39 Resp: 625531
Ion Ratio Lower Upper
39 100
54 78.4 63.8 95.6





#17
tert-Butyl alcohol
Concen: 11.809 ppbv
RT: 3.841 min Scan# 385
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

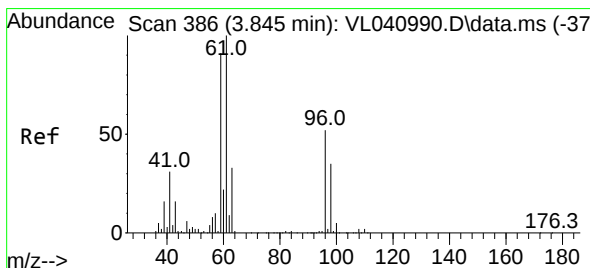
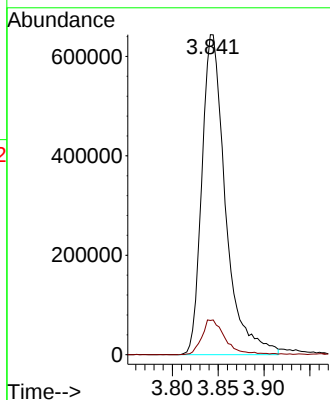
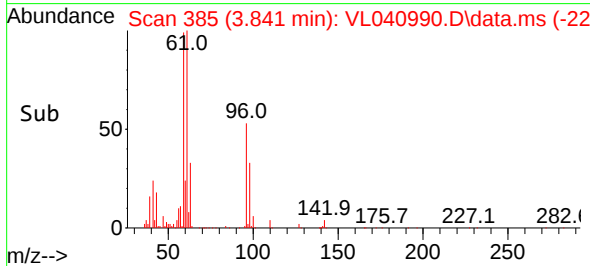
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 1154990
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

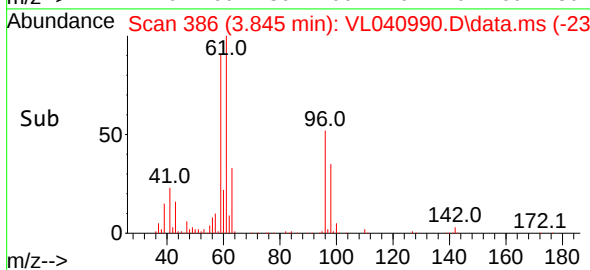
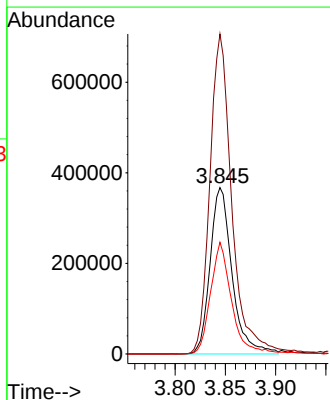
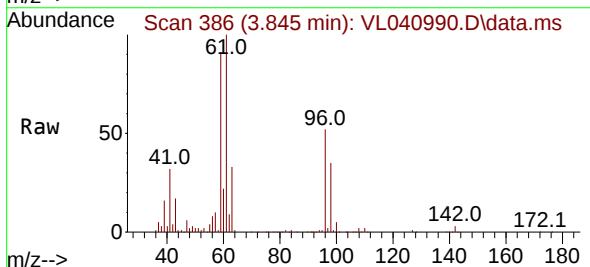
Manual Integrations
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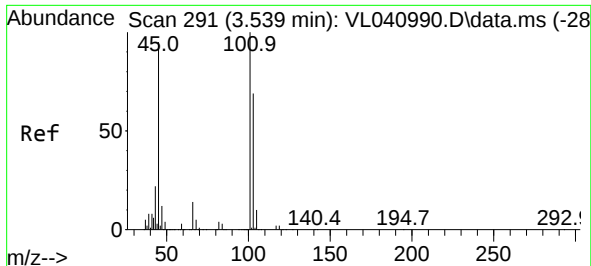
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
1,1-Dichloroethene
Concen: 10.629 ppbv
RT: 3.845 min Scan# 386
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

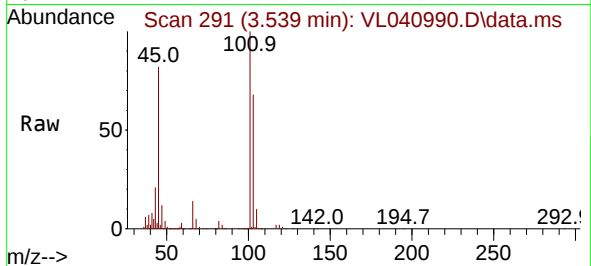
Tgt Ion: 96 Resp: 559498
Ion Ratio Lower Upper
96 100
61 192.3 156.6 235.0
98 67.1 52.5 78.7





#19
Isopropyl Alcohol
Concen: 11.115 ppbv
RT: 3.539 min Scan# 291
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

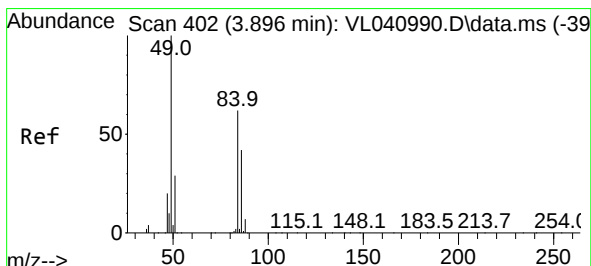
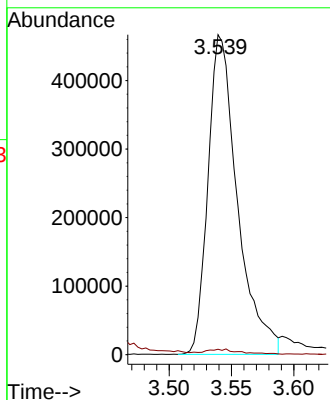
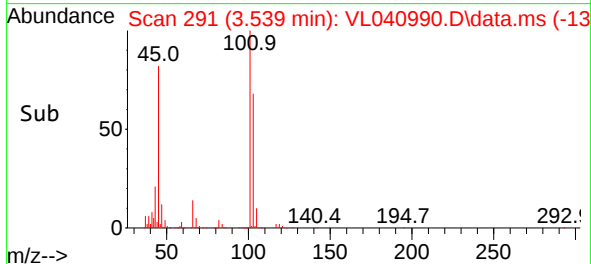
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



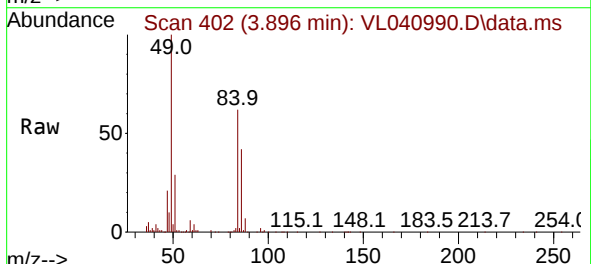
Tgt Ion: 45 Resp: 766885
Ion Ratio Lower Upper
45 100
58 2.8 1.5 2.3

Manual Integrations
APPROVED

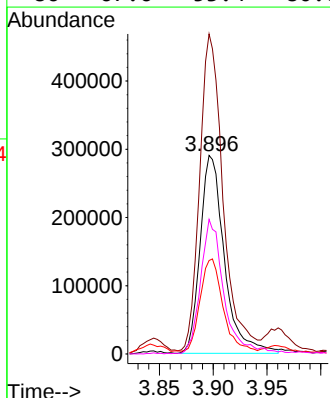
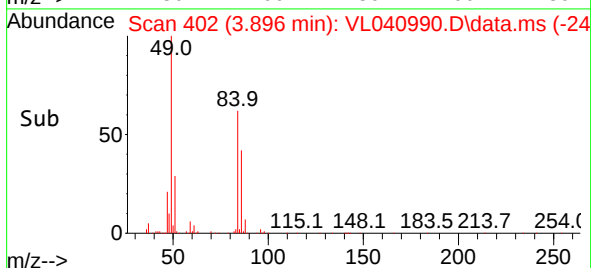
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

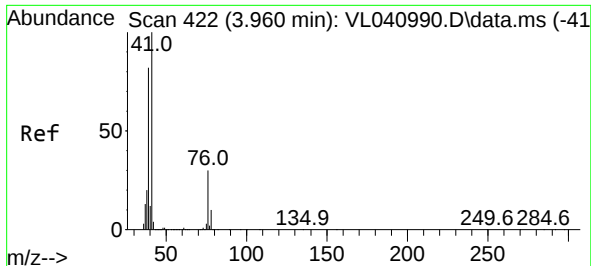


#20
Methylene Chloride
Concen: 9.669 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion: 84 Resp: 455683
Ion Ratio Lower Upper
84 100
49 160.1 124.6 187.0
51 45.6 37.2 55.8
86 67.6 53.4 80.0





#21

Allyl Chloride

Concen: 10.165 ppbv

RT: 3.960 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 79443

Ion Ratio Lower Upper

41 100

76 31.2 23.9 35.9

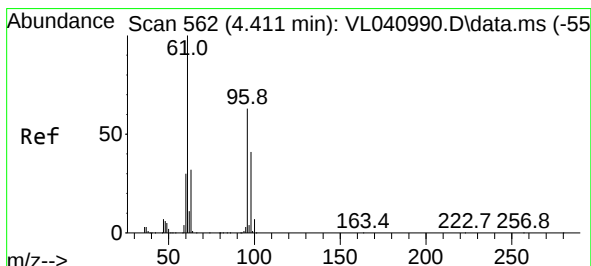
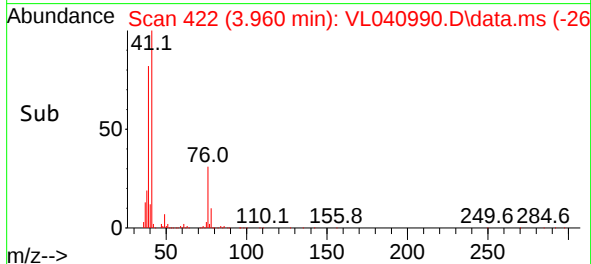
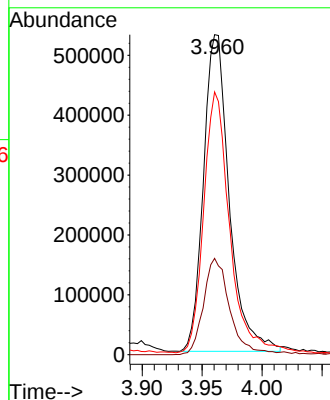
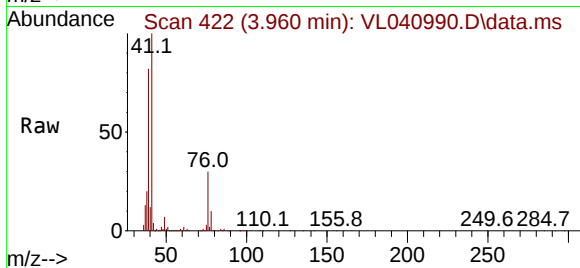
39 83.8 66.5 99.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#22

trans-1,2-Dichloroethene

Concen: 9.653 ppbv

RT: 4.411 min Scan# 562

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

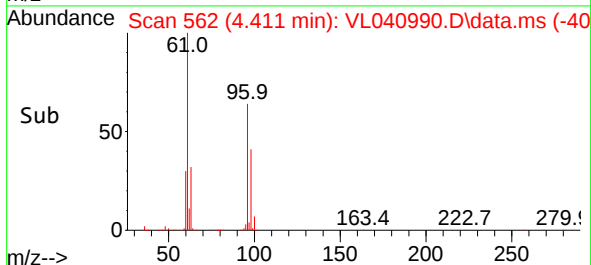
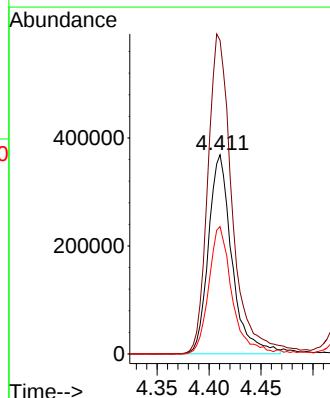
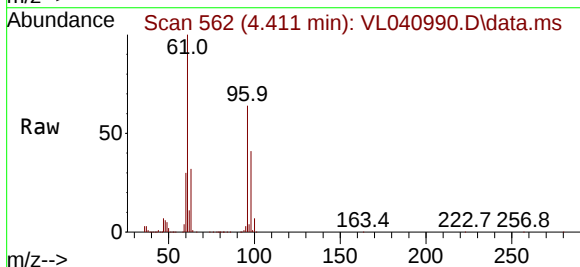
Tgt Ion: 96 Resp: 579369

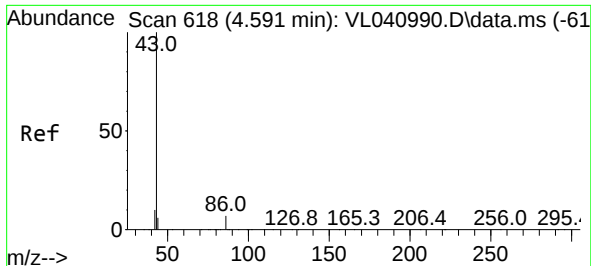
Ion Ratio Lower Upper

96 100

61 157.5 133.0 199.6

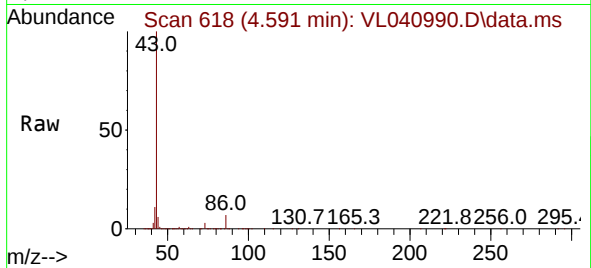
98 64.0 53.7 80.5





#23
 Vinyl Acetate
 Concen: 9.408 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

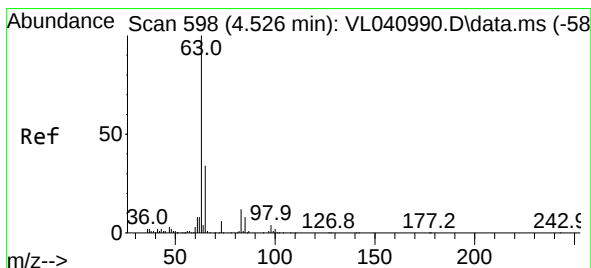
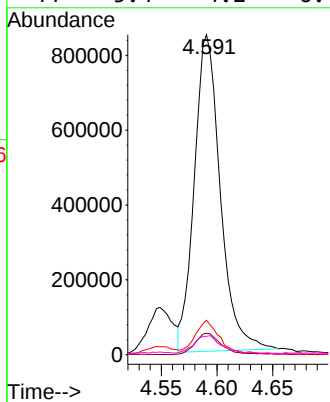
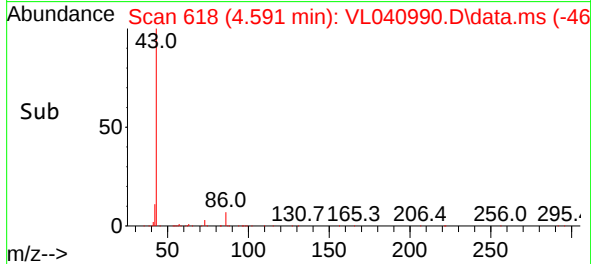
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



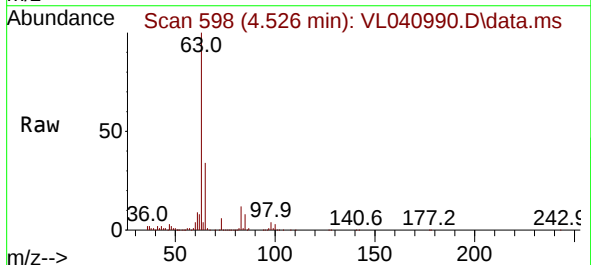
Tgt Ion: 43 Resp: 1372269
 Ion Ratio Lower Upper
 43 100
 86 6.7 5.5 8.3
 42 10.8 8.4 12.6
 44 5.4 4.2 6.4

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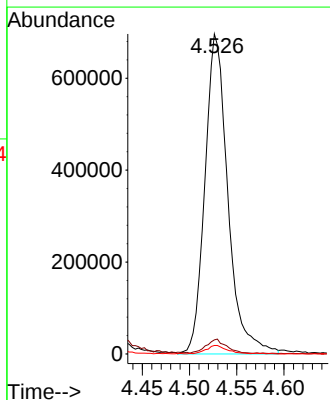
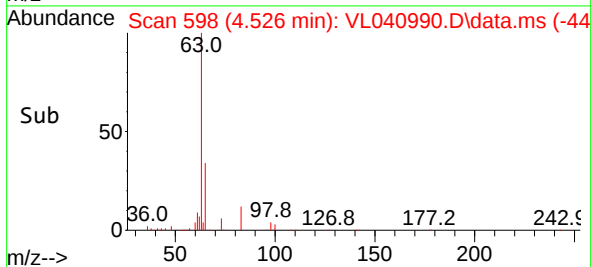
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

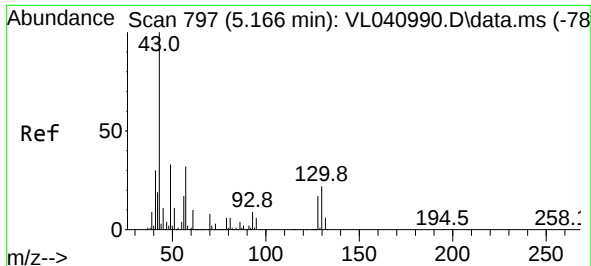


#24
 1,1-Dichloroethane
 Concen: 9.030 ppbv
 RT: 4.526 min Scan# 598
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43



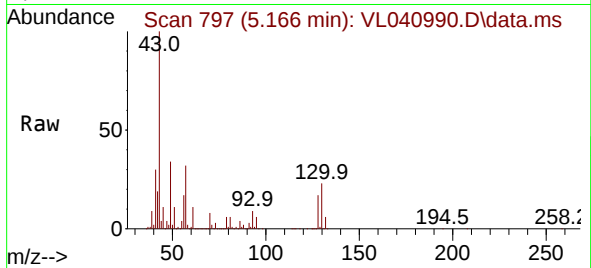
Tgt Ion: 63 Resp: 1178207
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 2.6 1.4 4.2





#25
Ethyl Acetate
Concen: 10.329 ppbv
RT: 5.166 min Scan# 797
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

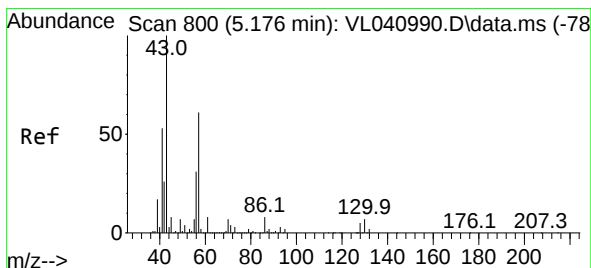
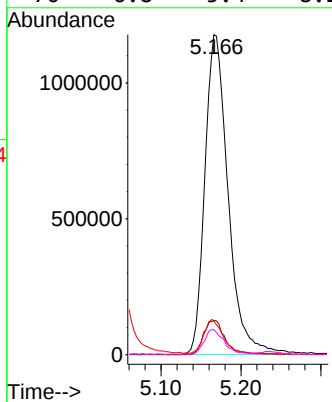
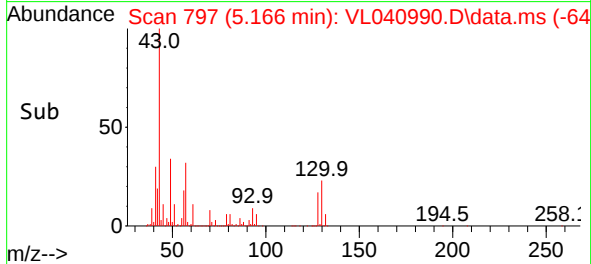
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2366492
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 9.9 7.6 11.4
70 6.8 5.4 8.2

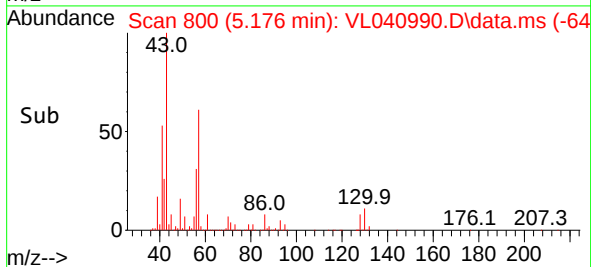
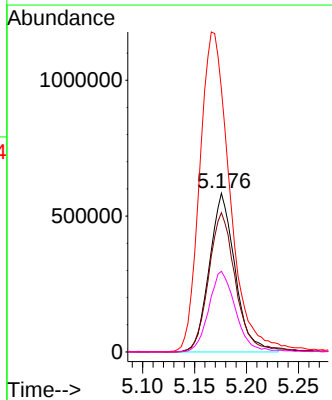
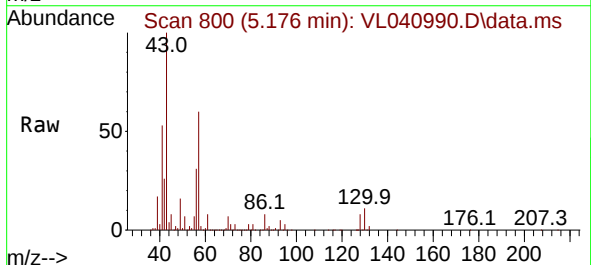
Manual Integrations
APPROVED

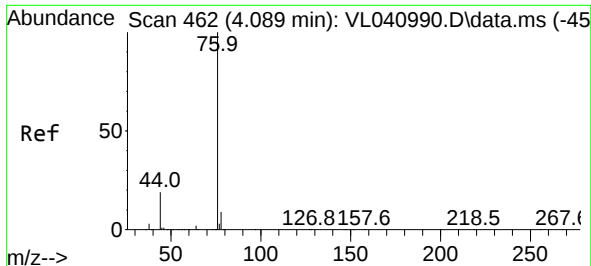
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
Hexane
Concen: 9.905 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

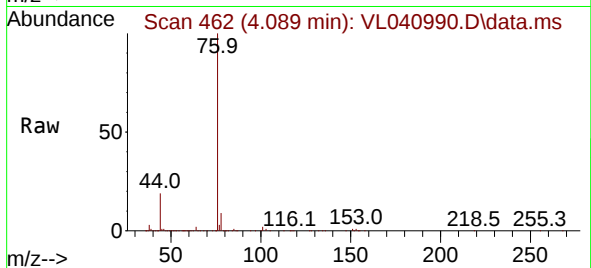
Tgt Ion: 57 Resp: 1005744
Ion Ratio Lower Upper
57 100
41 93.0 75.2 112.8
43 238.2 188.0 282.0
56 53.7 42.3 63.5





#27
Carbon Disulfide
Concen: 10.216 ppbv
RT: 4.089 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

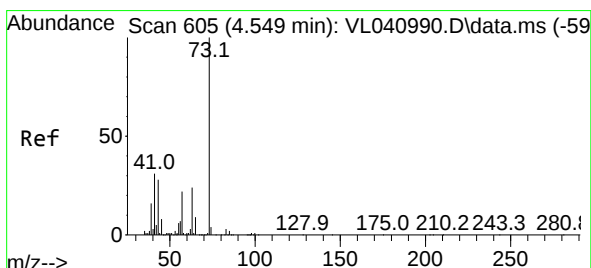
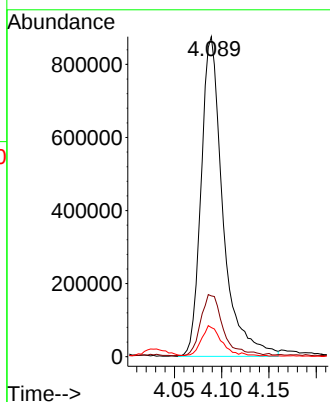
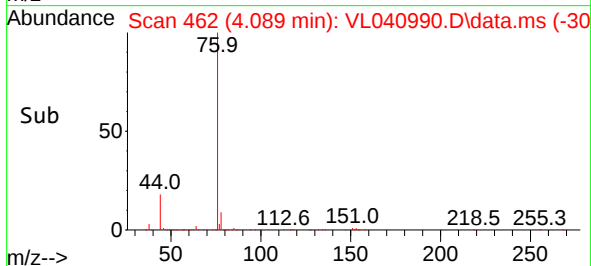
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



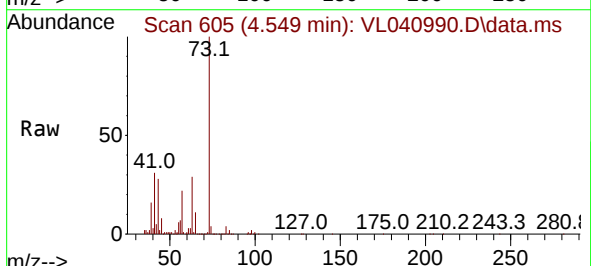
Tgt Ion: 76 Resp: 140380
Ion Ratio Lower Upper
76 100
44 20.0 18.4 27.6
78 9.8 7.9 11.9

Manual Integrations
APPROVED

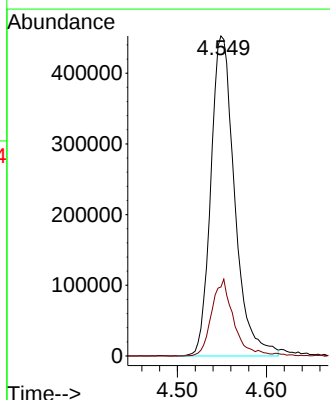
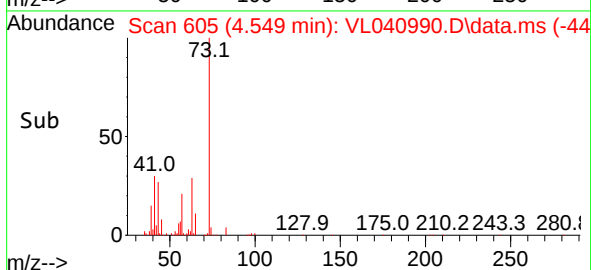
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

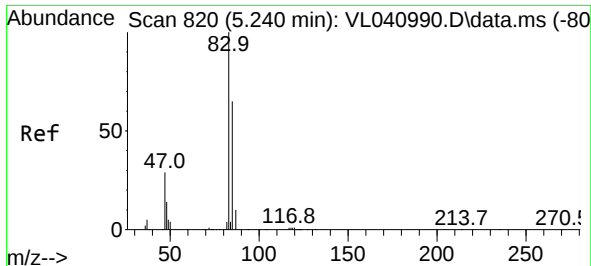


#28
Methyl tert-Butyl Ether
Concen: 8.923 ppbv
RT: 4.549 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion: 73 Resp: 840743
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0





#29

Chloroform

Concen: 10.246 ppbv

RT: 5.240 min Scan# 820

Delta R.T. 0.000 min

Lab File: VL040990.D

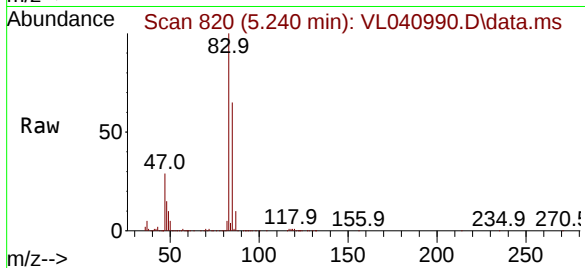
Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 83 Resp: 1755640

Ion Ratio Lower Upper

83 100

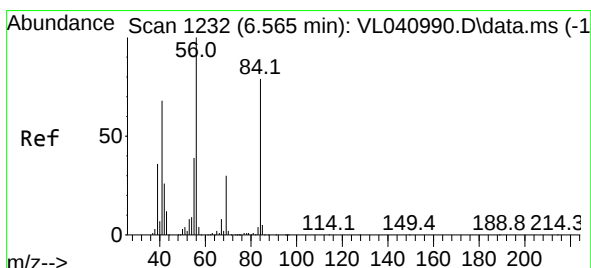
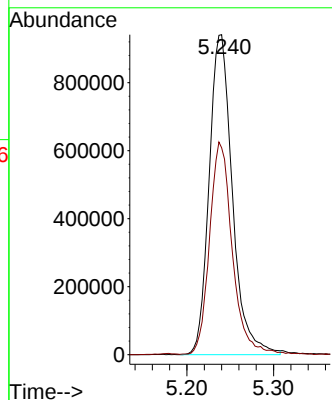
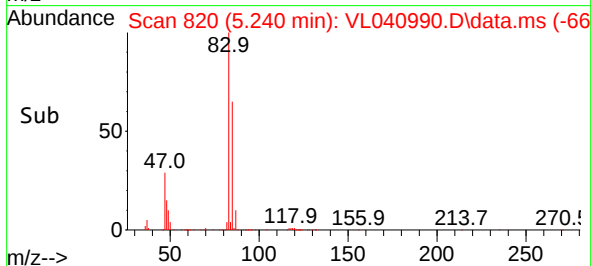
85 64.5 52.3 78.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 10.279 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

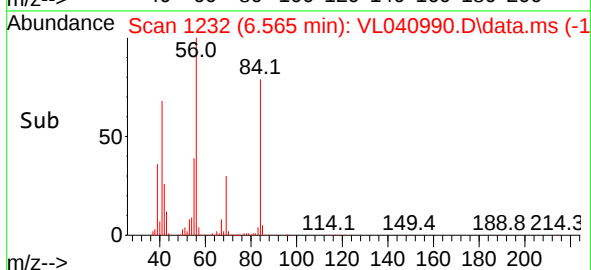
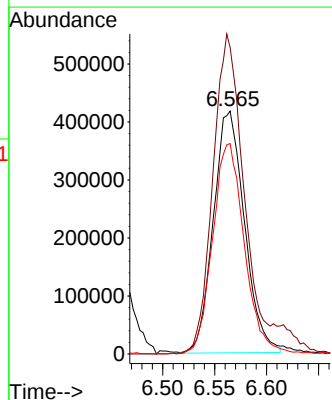
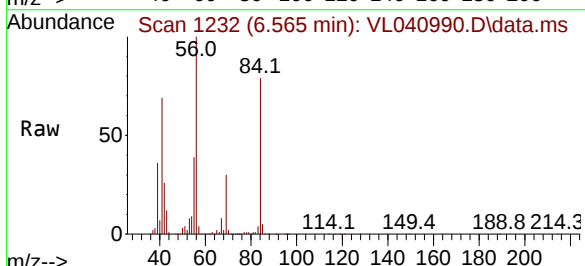
Tgt Ion: 84 Resp: 870118

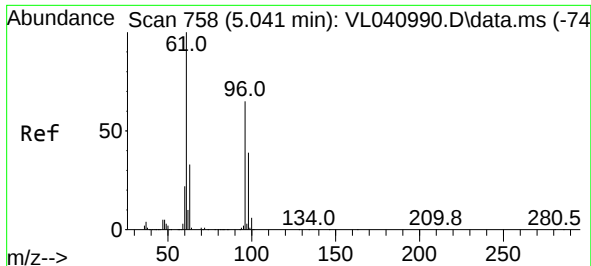
Ion Ratio Lower Upper

84 100

56 139.6 111.4 167.2

41 88.8 70.0 105.0





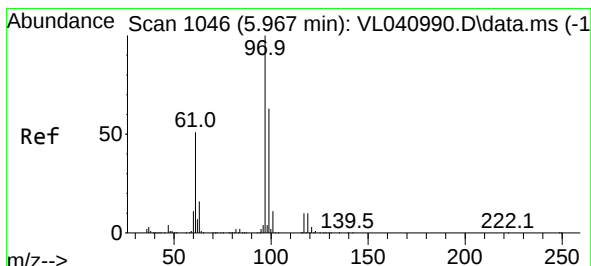
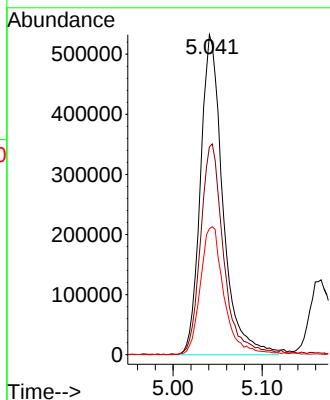
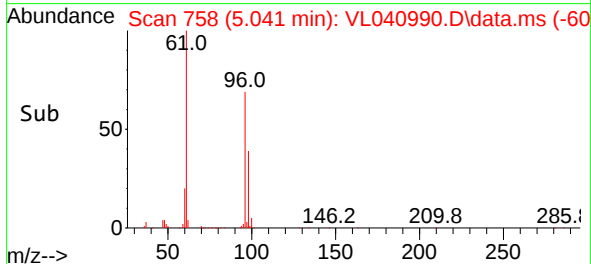
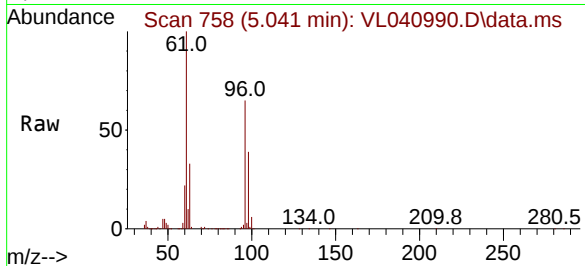
#31
 cis-1,2-Dichloroethene
 Concen: 8.951 ppbv
 RT: 5.041 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 933639
 Ion Ratio Lower Upper
 61 100
 96 64.9 51.7 77.5
 98 39.4 33.2 49.8

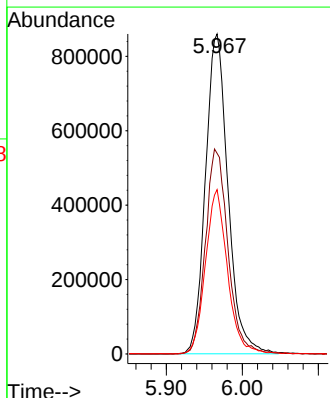
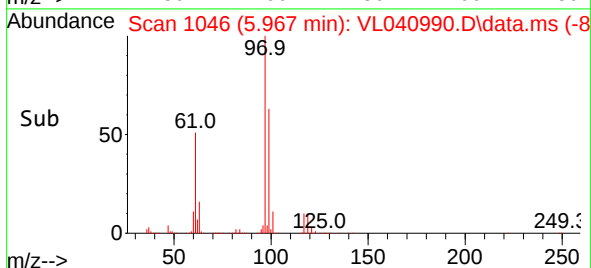
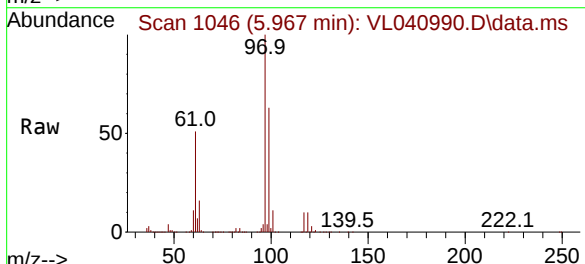
Manual Integrations
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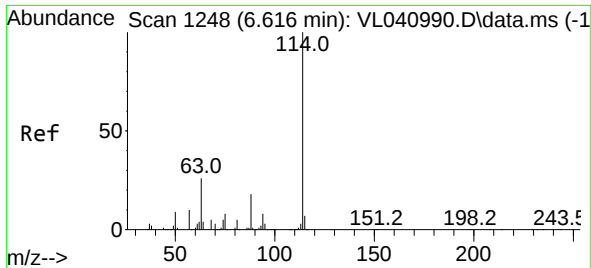
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.678 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 97 Resp: 1768944
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.6
 61 50.4 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: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 281103

Ion Ratio Lower Upper

114 100

63 26.0 21.0 31.6

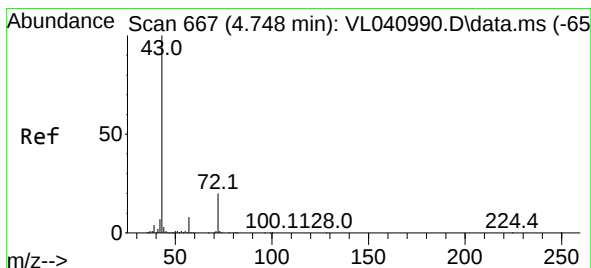
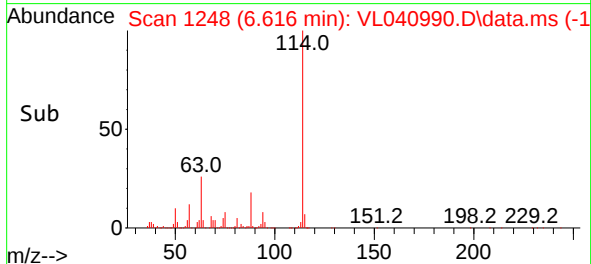
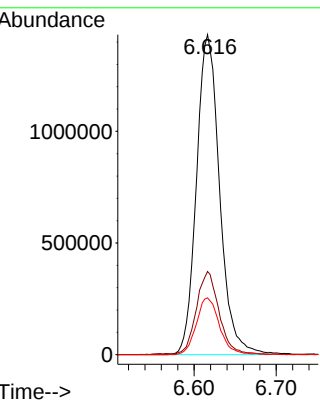
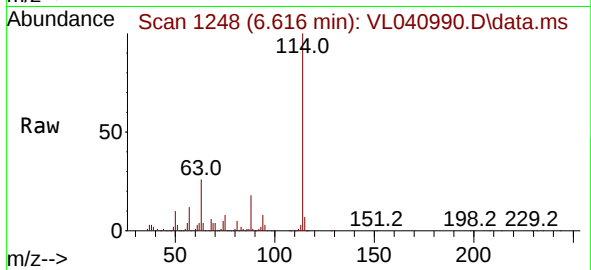
88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 8.614 ppbv

RT: 4.748 min Scan# 667

Delta R.T. 0.000 min

Lab File: VL040990.D

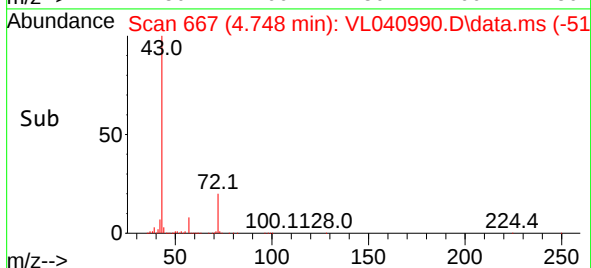
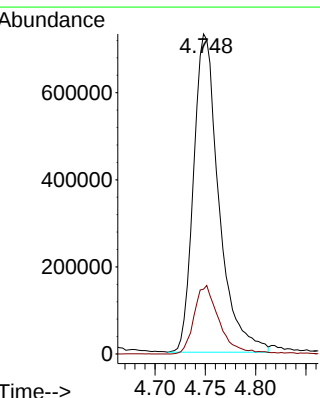
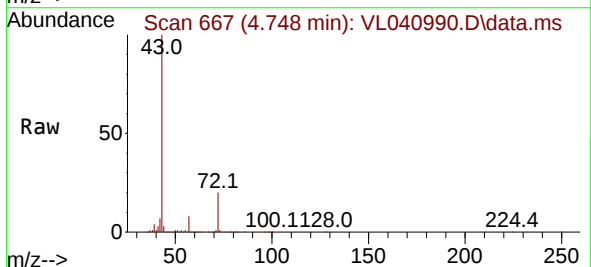
Acq: 23 Jan 2024 9:43

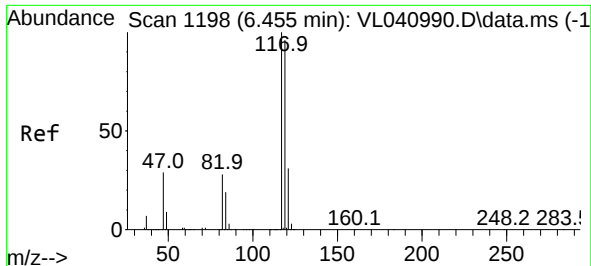
Tgt Ion: 43 Resp: 1280949

Ion Ratio Lower Upper

43 100

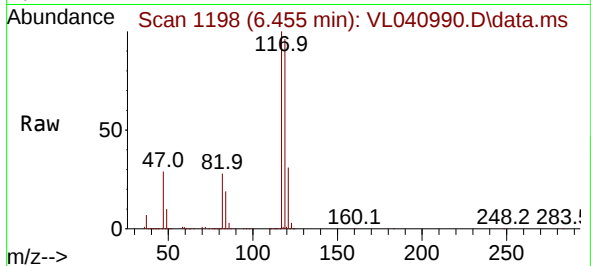
72 21.9 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.534 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

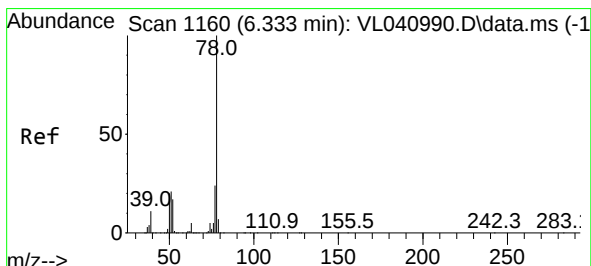
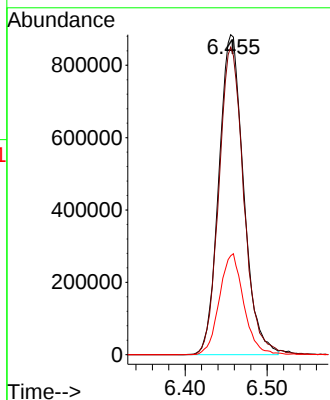
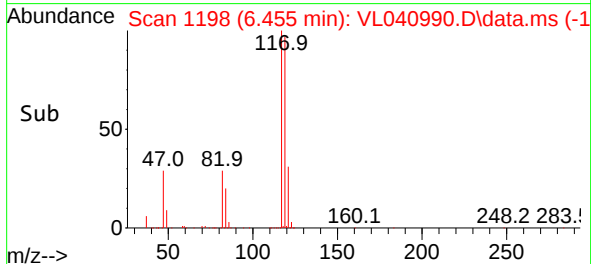
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



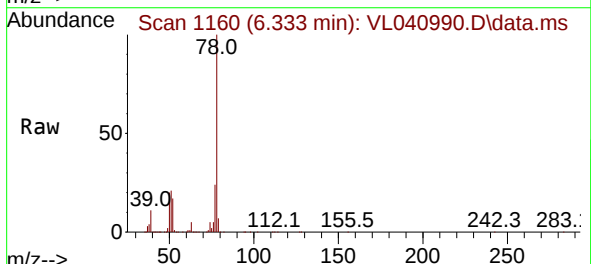
Tgt Ion: 117 Resp: 185440
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5
121 30.9 24.9 37.3

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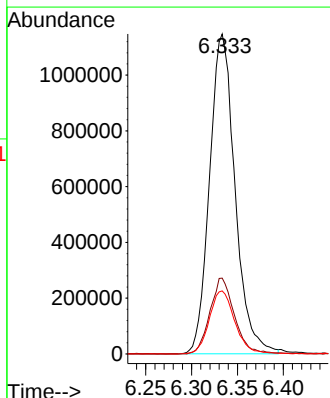
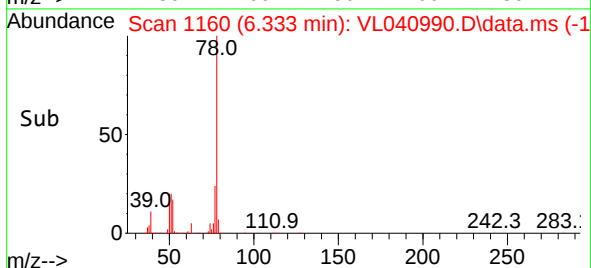
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

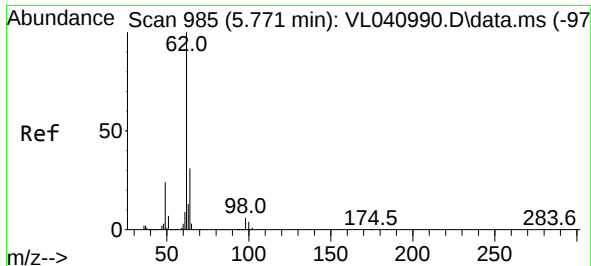


#36
Benzene
Concen: 10.075 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion: 78 Resp: 2213896
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6
50 19.7 16.0 24.0





#37

1,2-Dichloroethane

Concen: 10.312 ppbv

RT: 5.771 min Scan# 985

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 135783

Ion Ratio Lower Upper

62 100

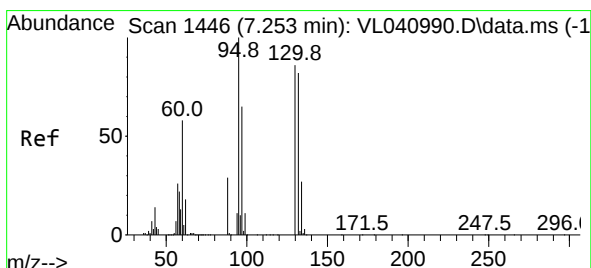
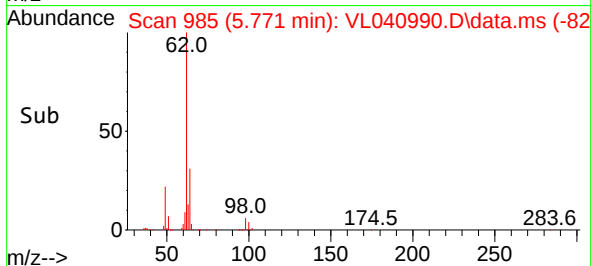
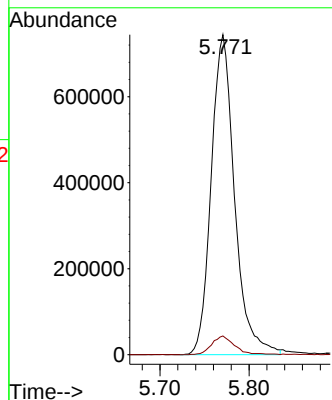
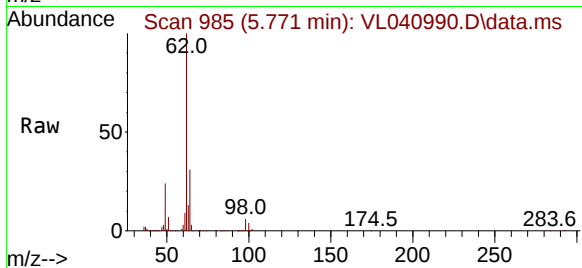
98 5.9 4.6 7.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Trichloroethene

Concen: 10.620 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Tgt Ion:130 Resp: 876540

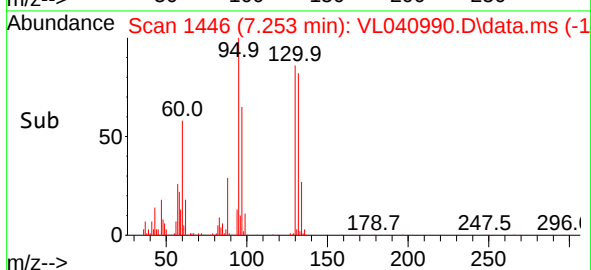
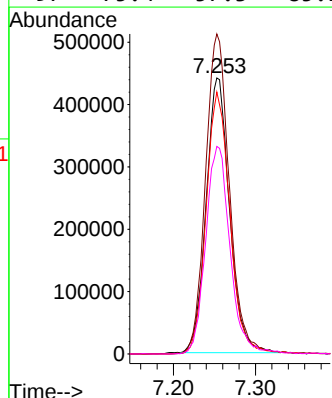
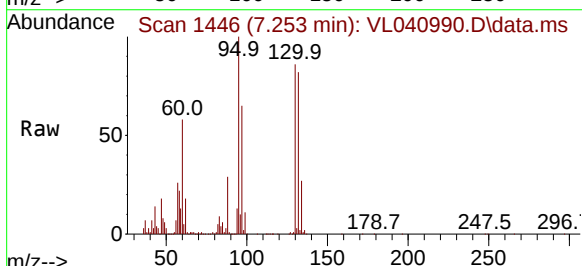
Ion Ratio Lower Upper

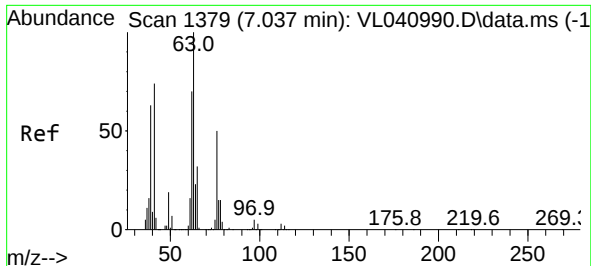
130 100

95 116.1 93.5 140.3

132 95.2 77.4 116.2

97 75.4 57.3 85.9





#39

1,2-Dichloropropane

Concen: 10.036 ppbv

RT: 7.037 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

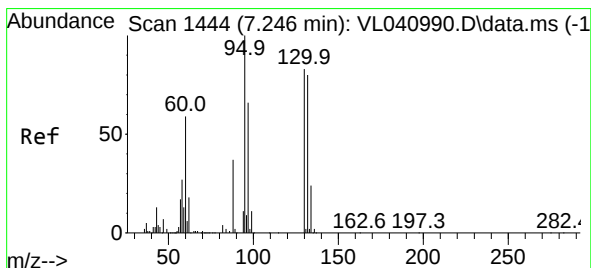
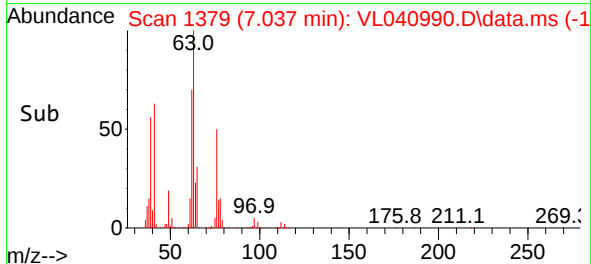
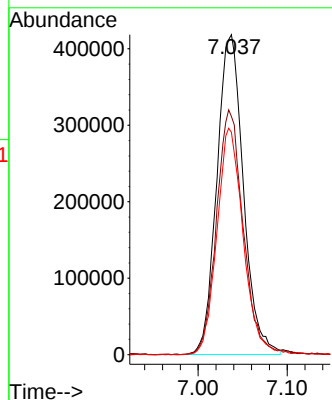
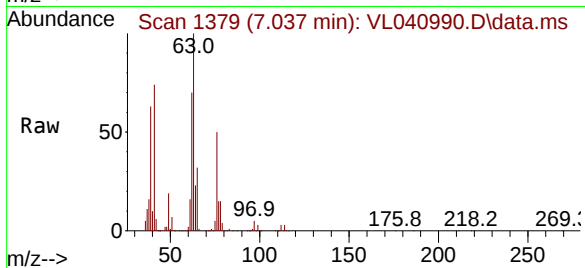
VSTDICCC010

Tgt Ion: 63	Resp: 866648
Ion Ratio	Lower Upper
63	100
41	74.5 59.0 88.6
62	69.5 56.6 85.0

Manual Integrations

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



#40

1,4-Dioxane

Concen: 9.965 ppbv

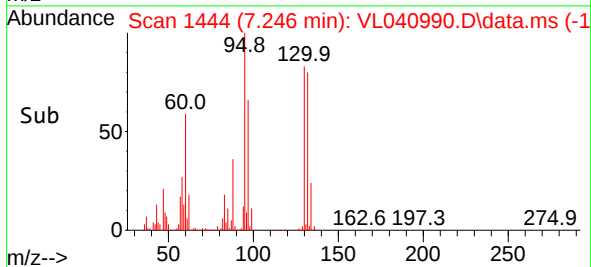
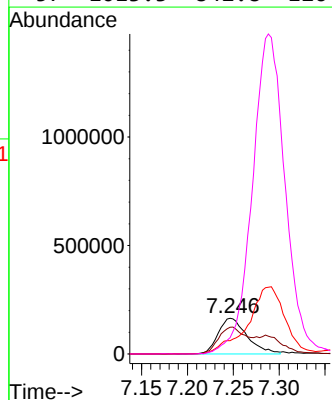
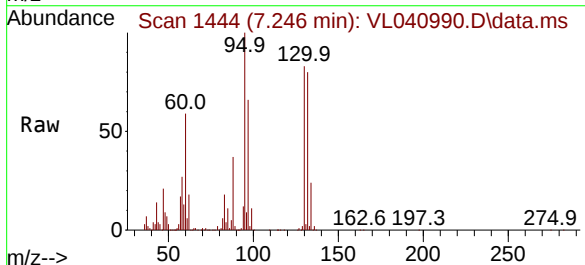
RT: 7.246 min Scan# 1444

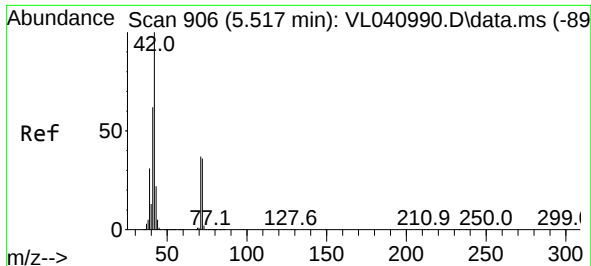
Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

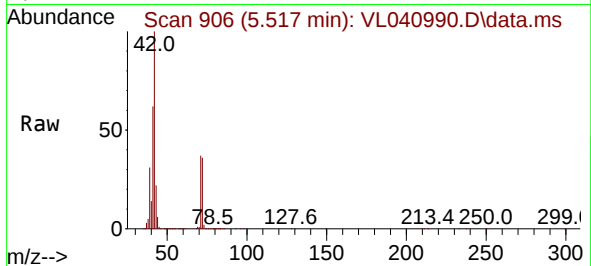
Tgt Ion: 88	Resp: 363347
Ion Ratio	Lower Upper
88	100
58	120.7 97.3 145.9
43	238.8 200.6 300.8
57	1013.3 842.8 1264.2





#41
Tetrahydrofuran
Concen: 10.176 ppbv
RT: 5.517 min Scan# 906
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

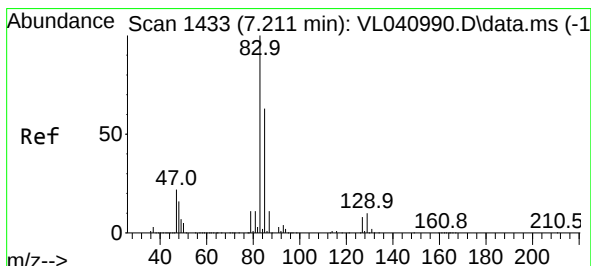
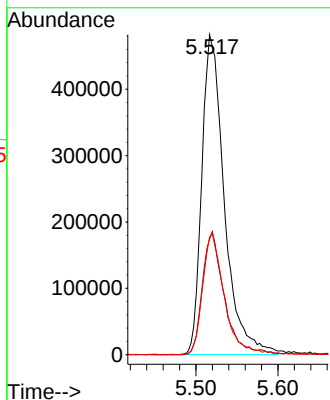
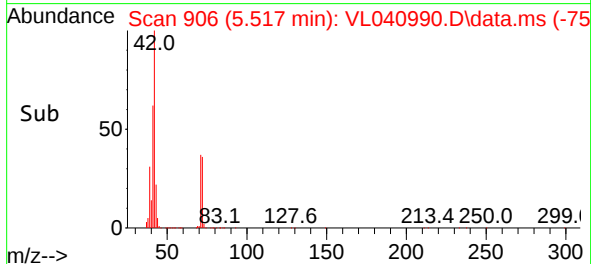
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



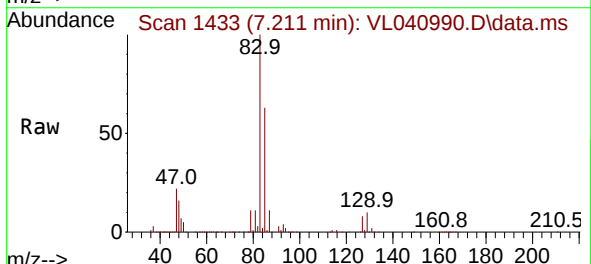
Tgt Ion: 42 Resp: 920602
Ion Ratio Lower Upper
42 100
72 37.5 29.6 44.4
71 36.9 29.1 43.7

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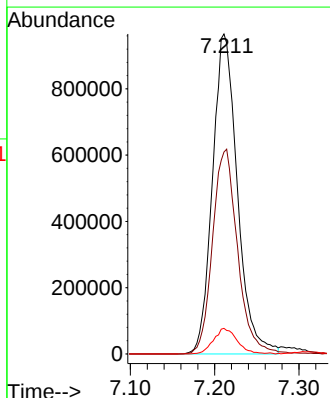
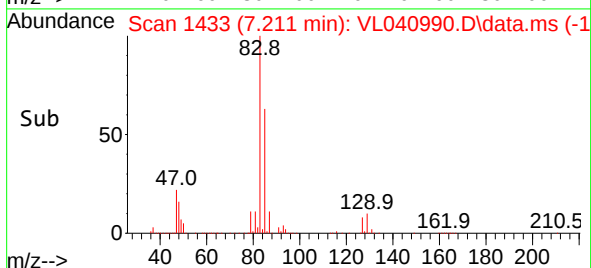
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

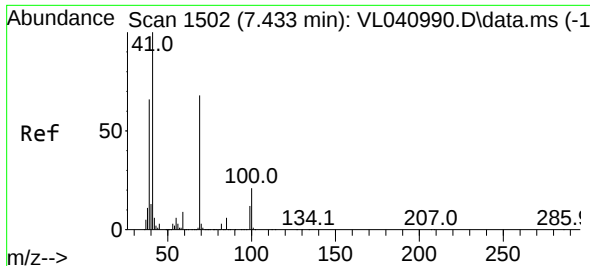


#42
Bromodichloromethane
Concen: 10.429 ppbv
RT: 7.211 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



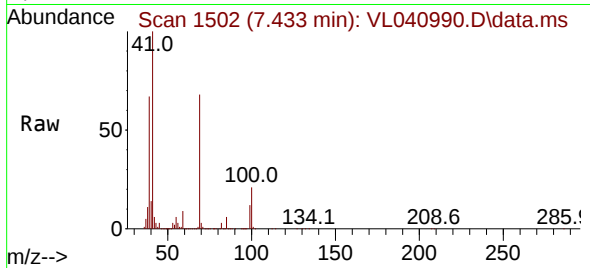
Tgt Ion: 83 Resp: 1980486
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 8.0 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.710 ppbv
RT: 7.433 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

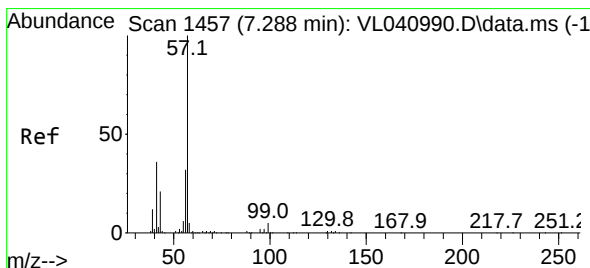
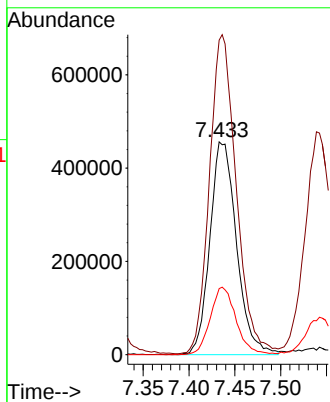
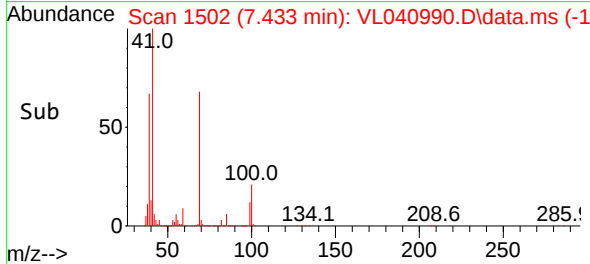
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 923144
Ion Ratio Lower Upper
69 100
41 150.2 119.9 179.9
100 30.7 25.1 37.7

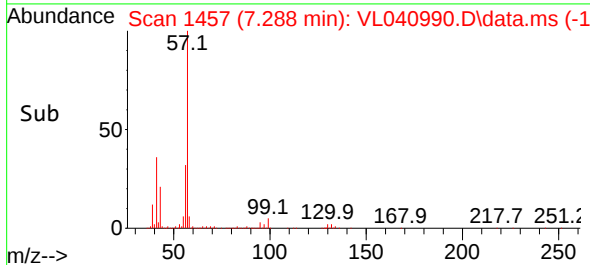
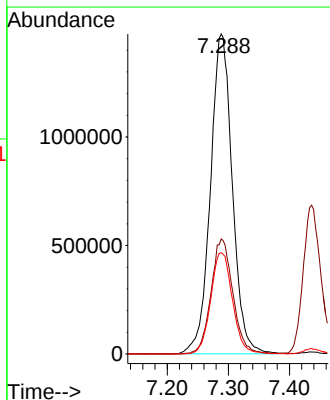
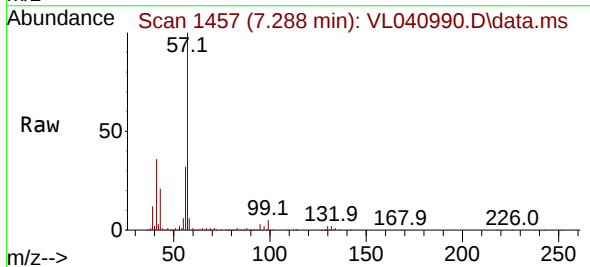
Manual Integrations
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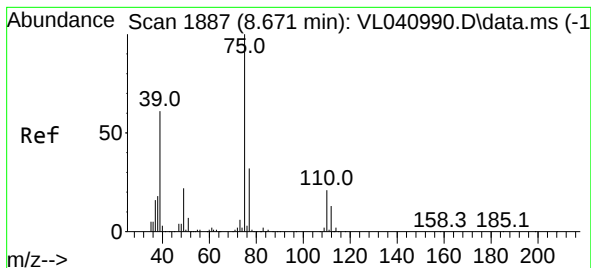
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 9.824 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 57 Resp: 3667031
Ion Ratio Lower Upper
57 100
41 35.8 28.2 42.4
56 31.5 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.564 ppbv

RT: 8.671 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 675520

Ion Ratio Lower Upper

75 100

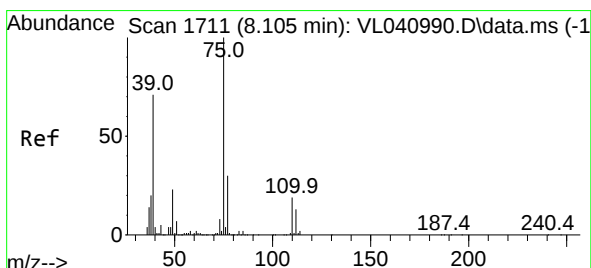
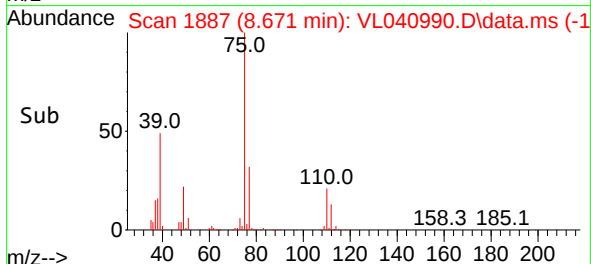
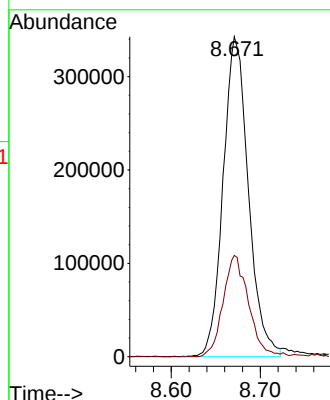
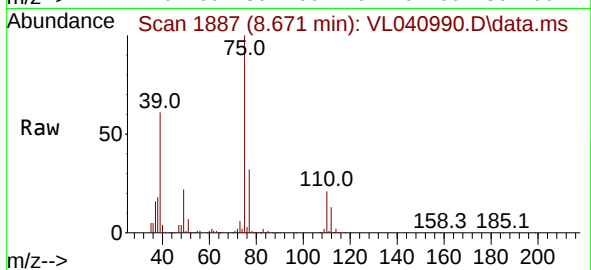
77 31.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

cis-1,3-Dichloropropene

Concen: 10.175 ppbv

RT: 8.105 min Scan# 1711

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

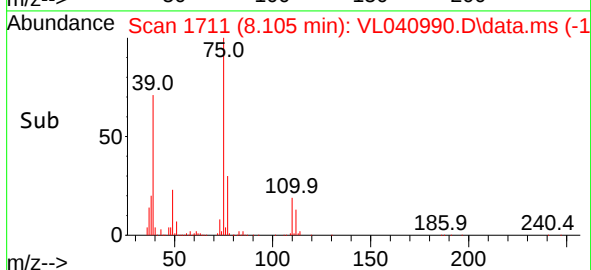
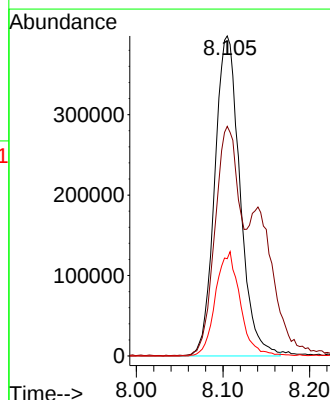
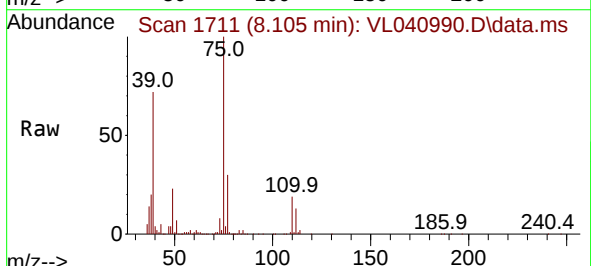
Tgt Ion: 75 Resp: 805620

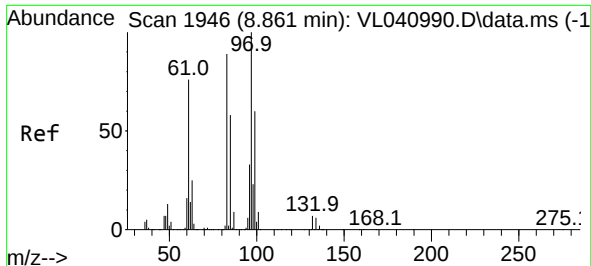
Ion Ratio Lower Upper

75 100

39 71.6 56.2 84.4

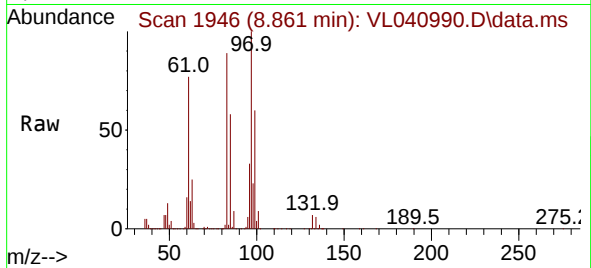
77 30.4 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 10.372 ppbv
RT: 8.861 min Scan# 1946
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

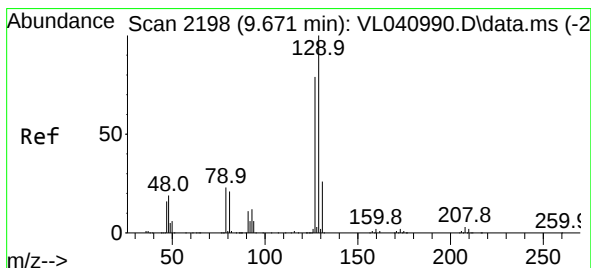
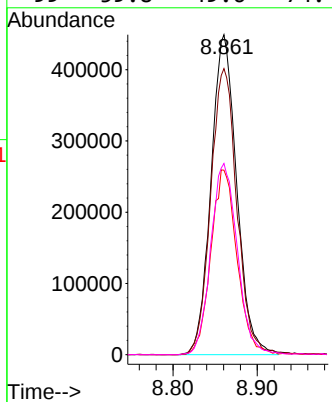
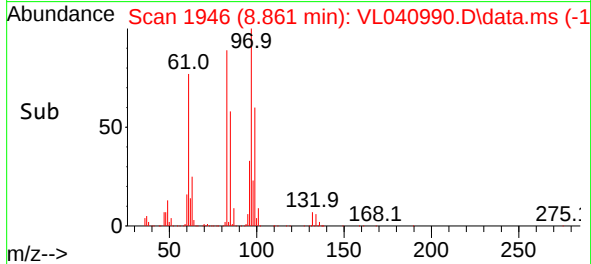
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



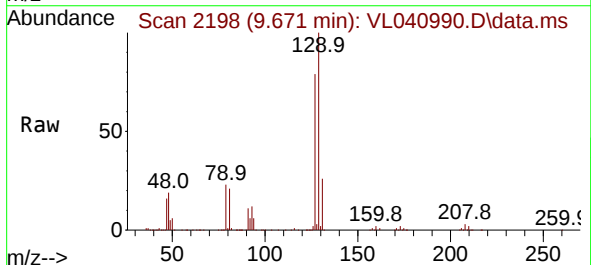
Tgt Ion: 97 Resp: 95003
Ion Ratio Lower Upper
97 100
83 89.4 72.6 108.8
85 57.6 47.4 71.0
99 59.8 49.6 74.4

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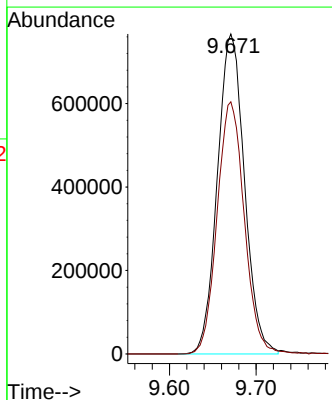
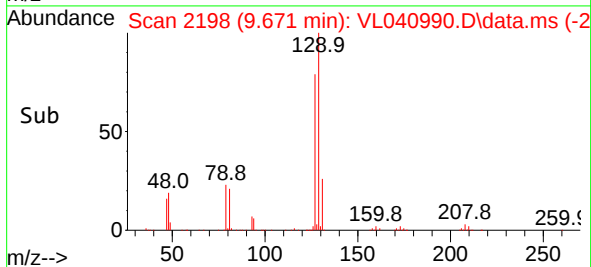
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

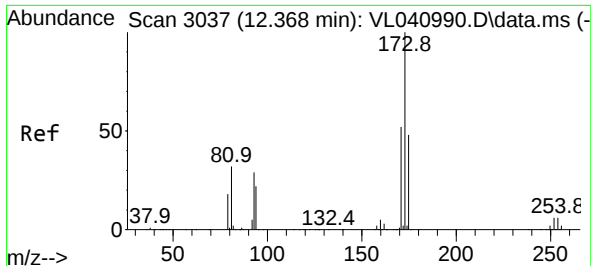


#48
Dibromochloromethane
Concen: 10.659 ppbv
RT: 9.671 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



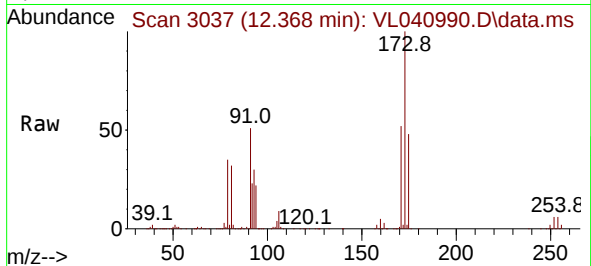
Tgt Ion:129 Resp: 1666600
Ion Ratio Lower Upper
129 100
127 79.3 39.6 119.0





#49
Bromoform
Concen: 11.398 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

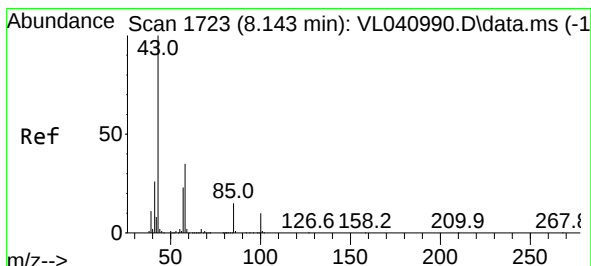
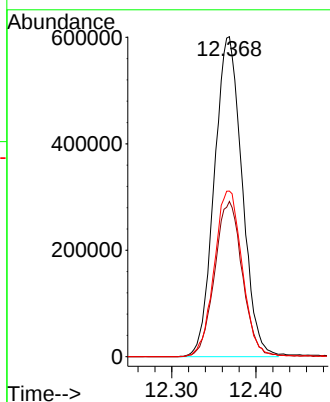
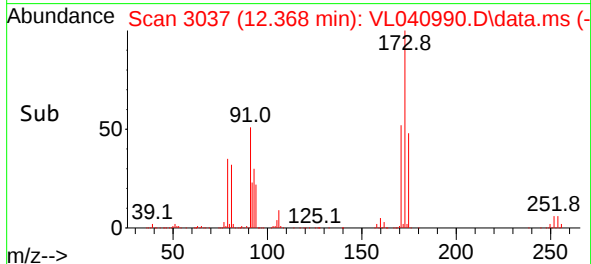
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 173 Resp: 137514
Ion Ratio Lower Upper
173 100
175 48.7 39.3 58.9
171 52.5 41.8 62.6

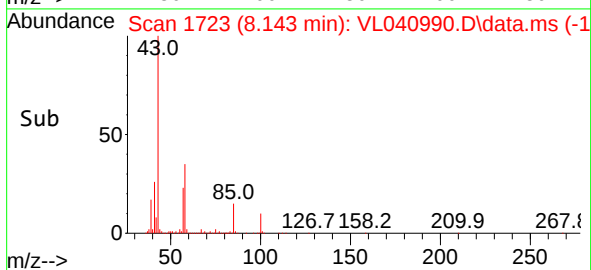
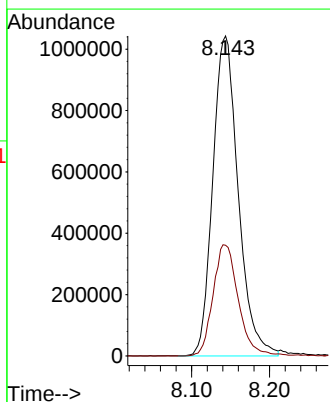
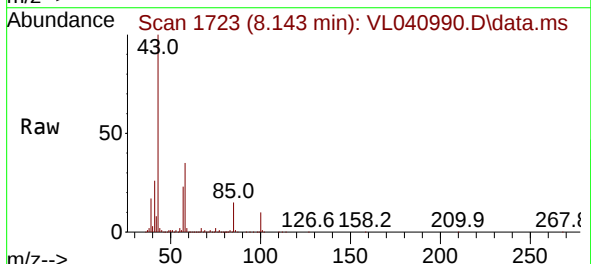
Manual Integrations
APPROVED

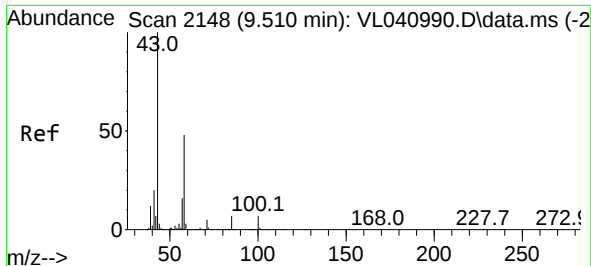
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50
4-Methyl-2-Pentanone
Concen: 10.510 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

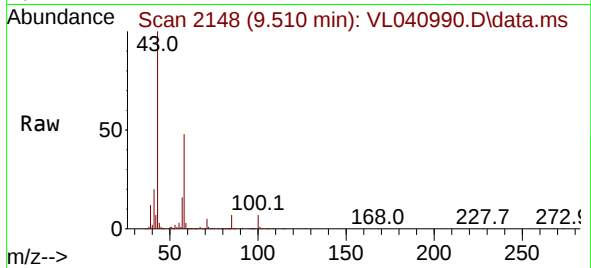
Tgt Ion: 43 Resp: 2366821
Ion Ratio Lower Upper
43 100
58 34.8 27.4 41.0





#51
2-Hexanone
Concen: 10.751 ppbv
RT: 9.510 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

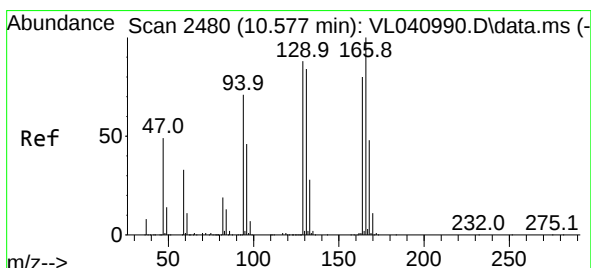
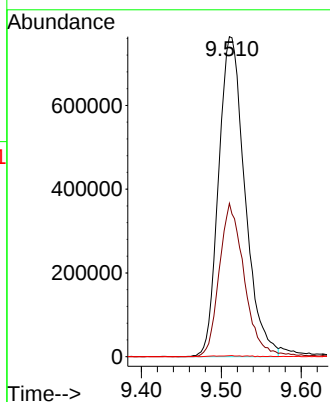
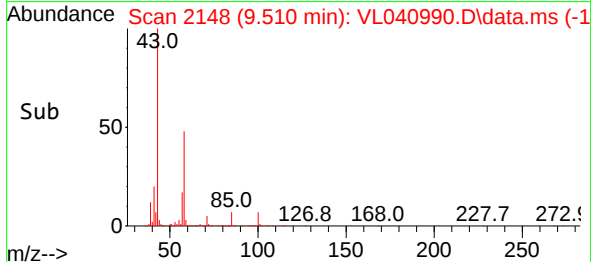
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1742670
Ion Ratio Lower Upper
43 100
58 46.0 37.3 55.9
98 0.4 0.2 0.2

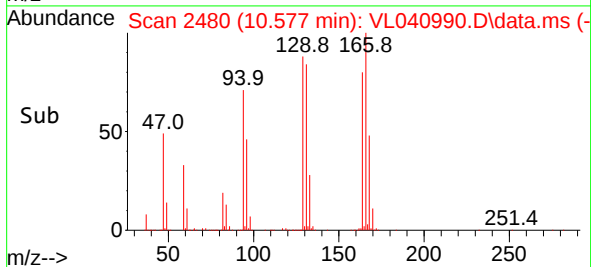
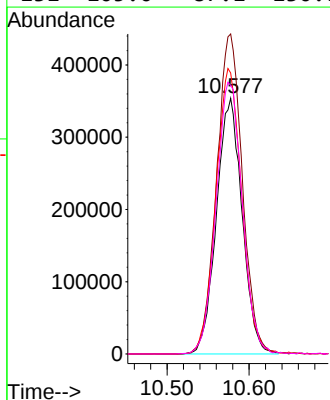
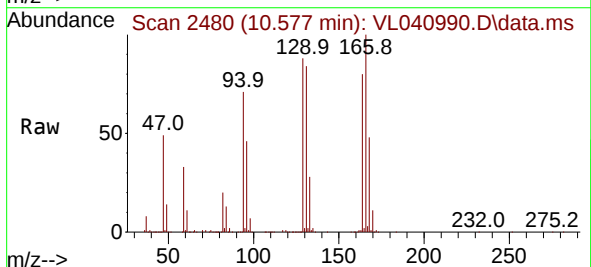
Manual Integrations
APPROVED

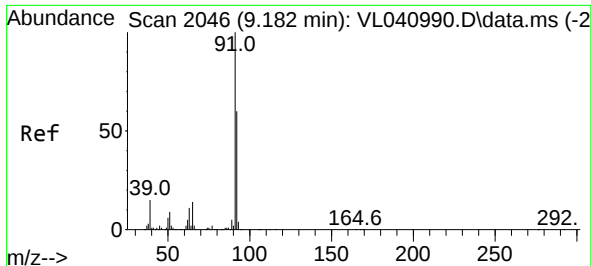
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 10.369 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

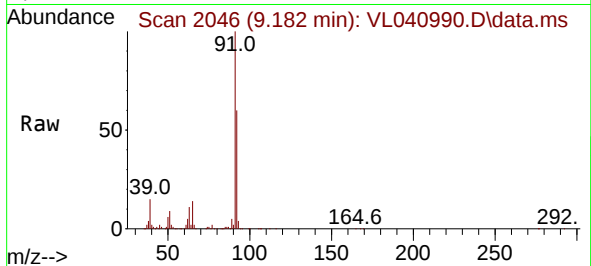
Tgt Ion:164 Resp: 767594
Ion Ratio Lower Upper
164 100
166 125.2 98.9 148.3
129 109.9 88.7 133.1
131 105.0 87.1 130.7





#53
Toluene
Concen: 10.438 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

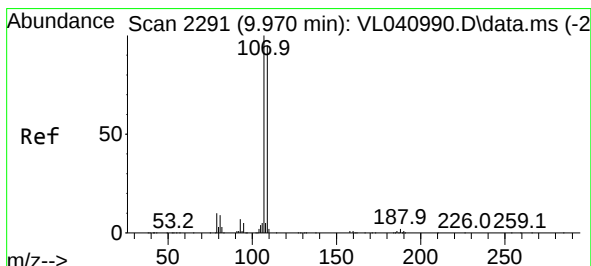
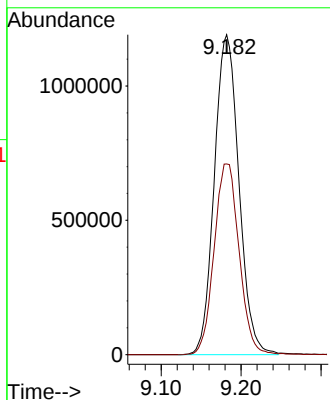
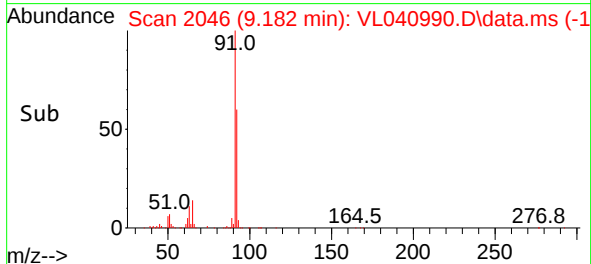
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



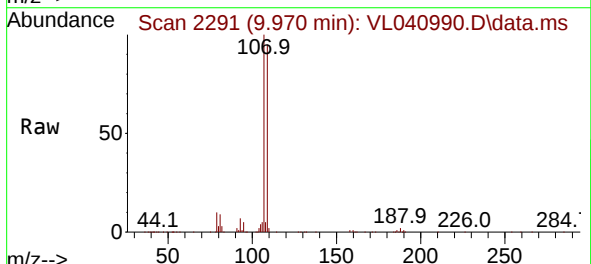
Tgt Ion: 91 Resp: 254338
Ion Ratio Lower Upper
91 100
92 60.7 49.2 73.8

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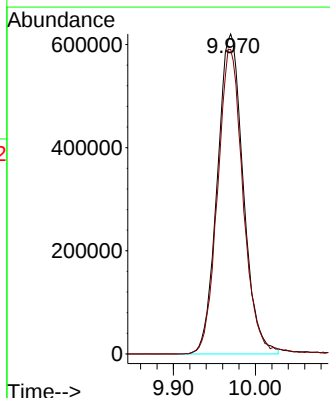
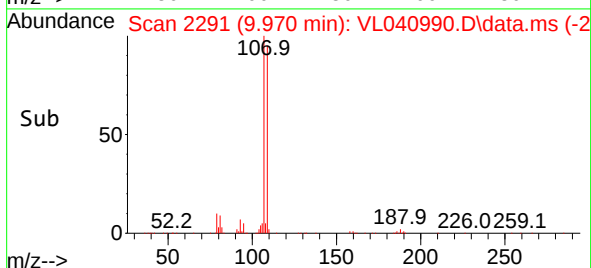
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

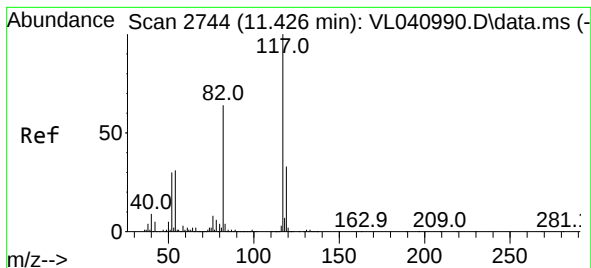


#54
1,2-Dibromoethane
Concen: 10.850 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



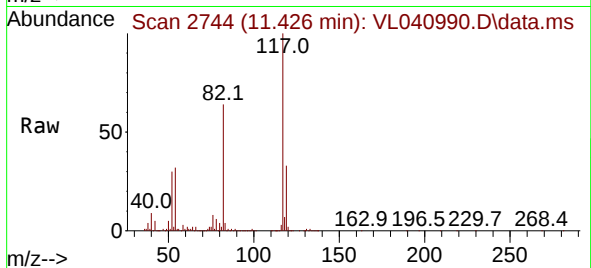
Tgt Ion:107 Resp: 1363939
Ion Ratio Lower Upper
107 100
109 95.1 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

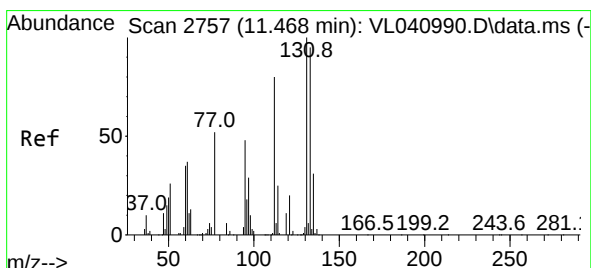
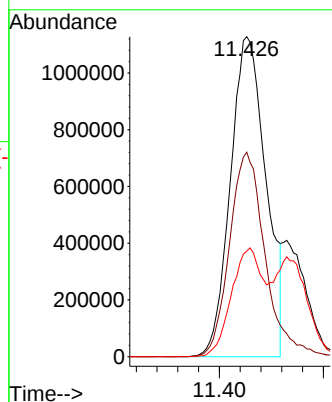
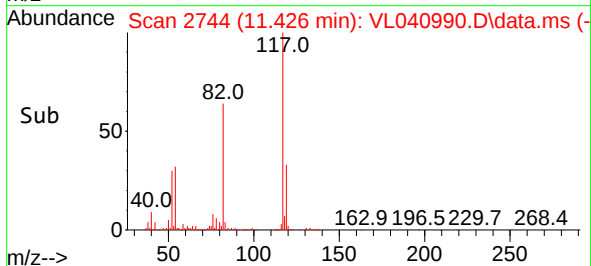
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



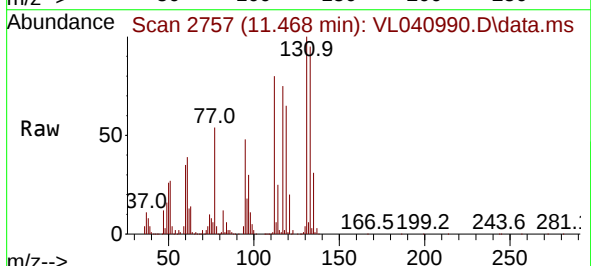
Tgt Ion:117 Resp: 2681044
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 29.7 23.4 35.0

Manual Integrations
APPROVED

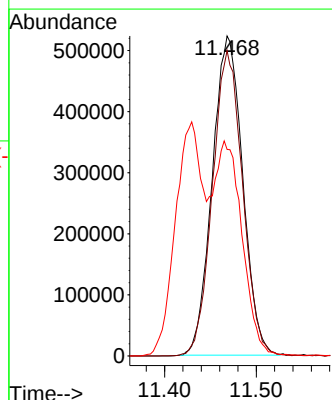
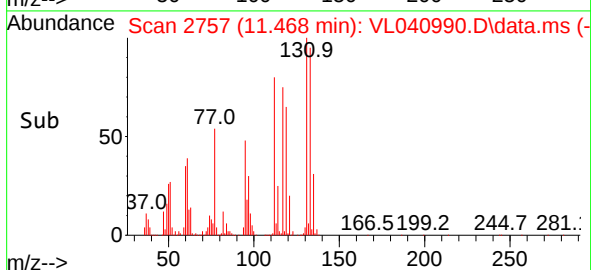
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

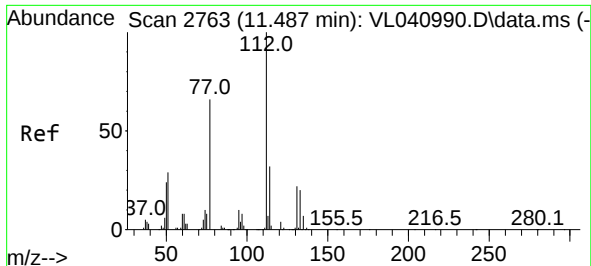


#56
1,1,1,2-Tetrachloroethane
Concen: 10.268 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



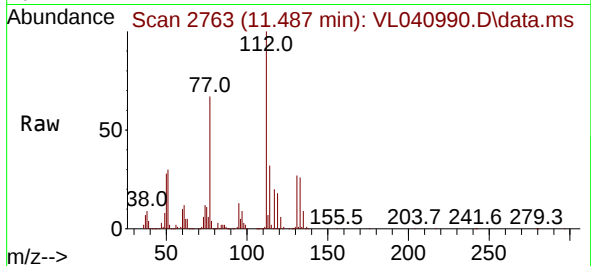
Tgt Ion:131 Resp: 1203777
Ion Ratio Lower Upper
131 100
133 94.9 76.3 114.5
119 61.5 48.6 73.0





#57
Chlorobenzene
Concen: 10.014 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

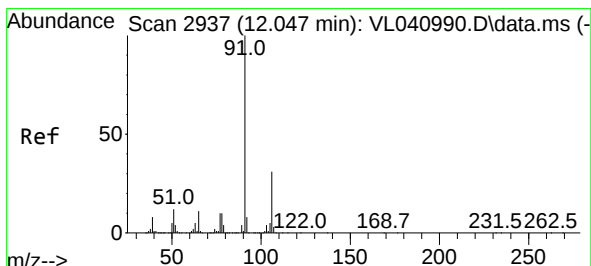
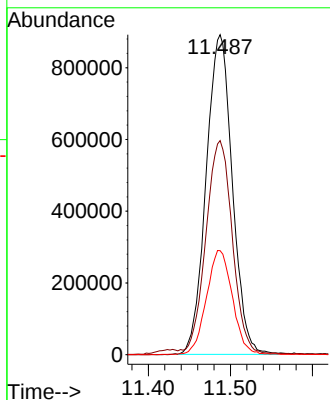
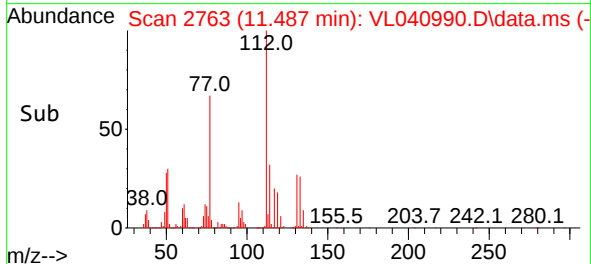
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 197719
Ion Ratio Lower Upper
112 100
77 66.7 52.7 79.1
114 32.3 28.4 34.7

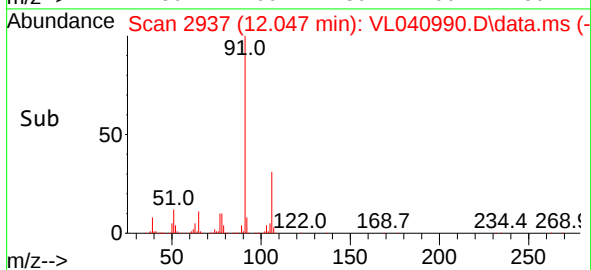
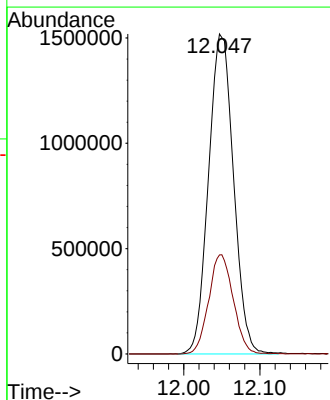
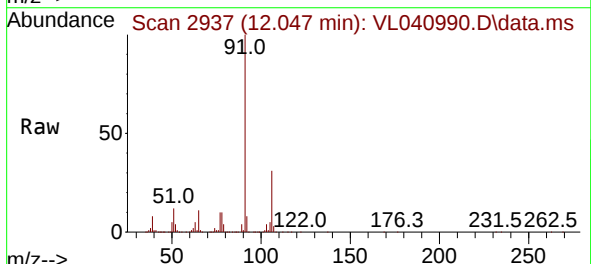
Manual Integrations
APPROVED

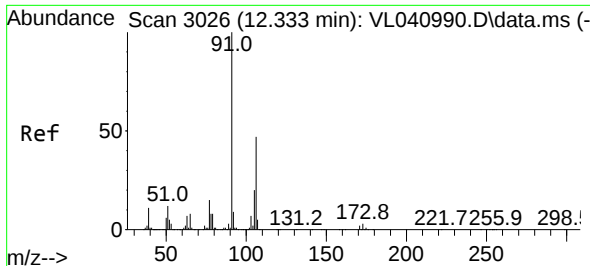
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
Ethyl Benzene
Concen: 10.071 ppbv
RT: 12.047 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 91 Resp: 3468001
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





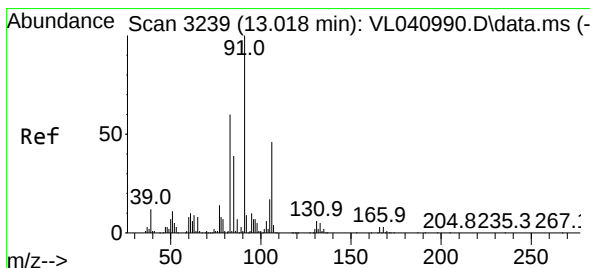
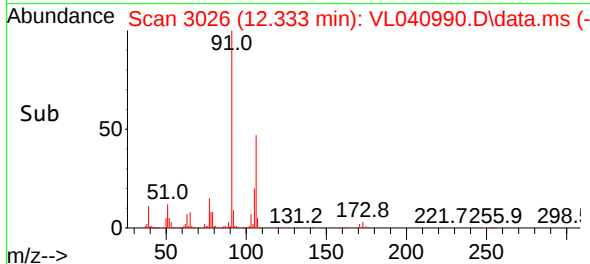
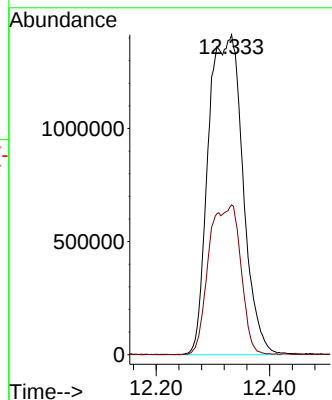
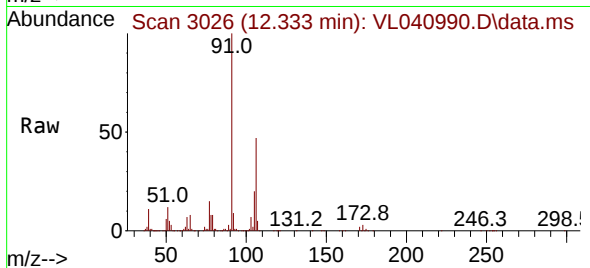
#59
m/p-Xylene
Concen: 20.282 ppbv m
RT: 12.333 min Scan# 3026
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 594083
Ion Ratio Lower Upper
91 100
106 43.6 0.0 0.0

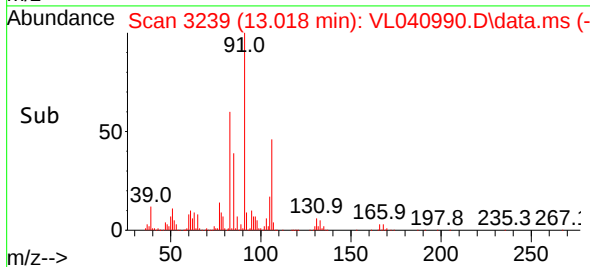
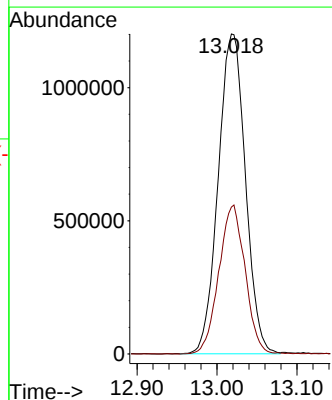
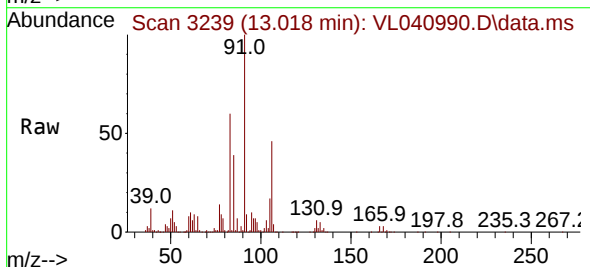
Manual Integrations
APPROVED

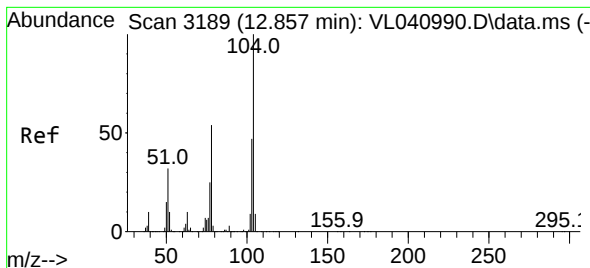
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
o-Xylene
Concen: 10.267 ppbv
RT: 13.018 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 91 Resp: 2833693
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.7





#61

Styrene

Concen: 11.106 ppbv

RT: 12.857 min Scan# 3189

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1457030

Ion Ratio Lower Upper

104 100

78 53.4 43.0 64.4

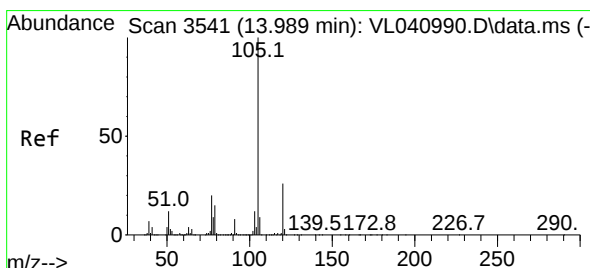
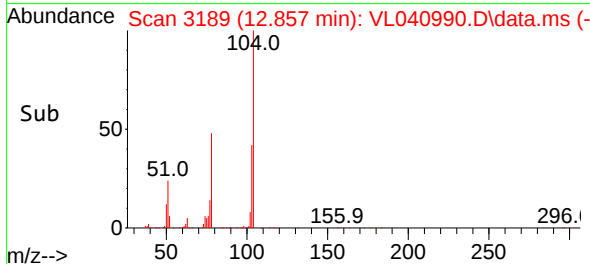
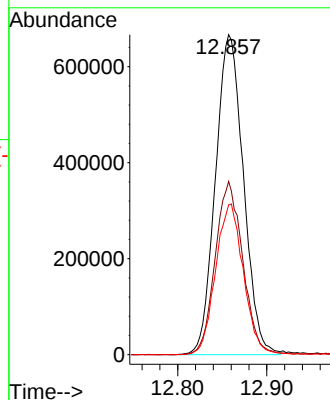
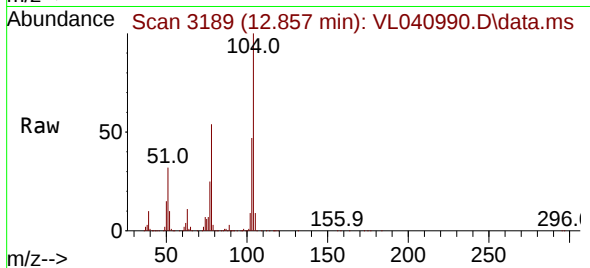
103 47.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#62

Isopropylbenzene

Concen: 10.054 ppbv

RT: 13.989 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VL040990.D

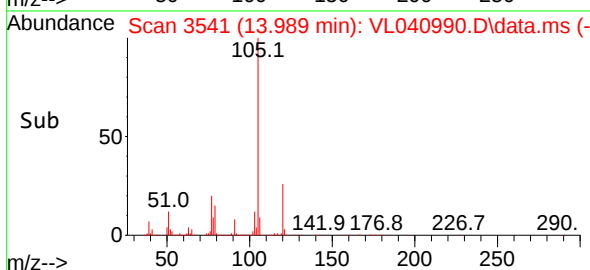
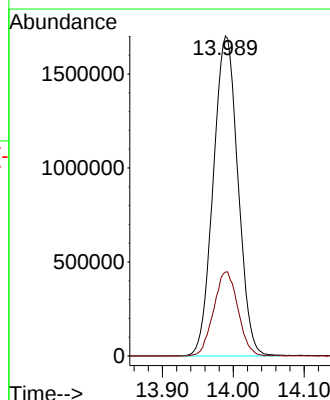
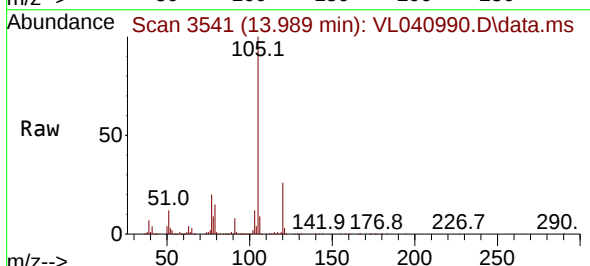
Acq: 23 Jan 2024 9:43

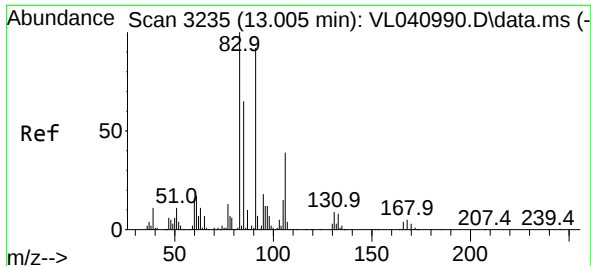
Tgt Ion:105 Resp: 4114820

Ion Ratio Lower Upper

105 100

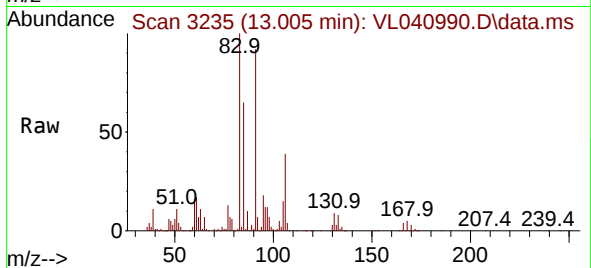
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.480 ppbv
RT: 13.005 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

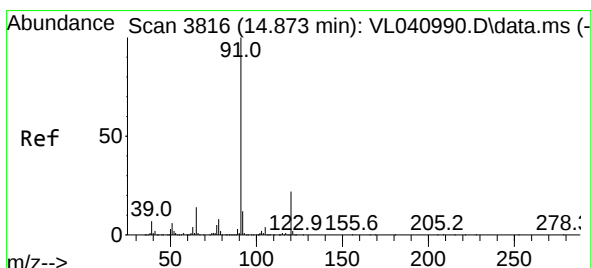
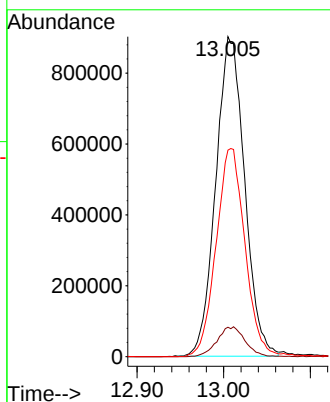
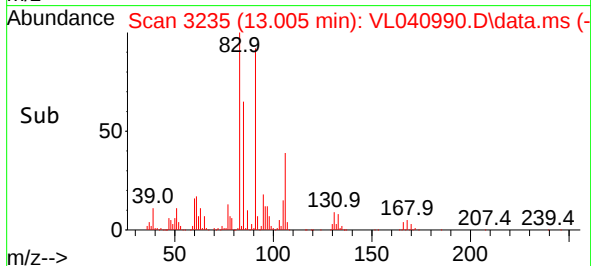
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



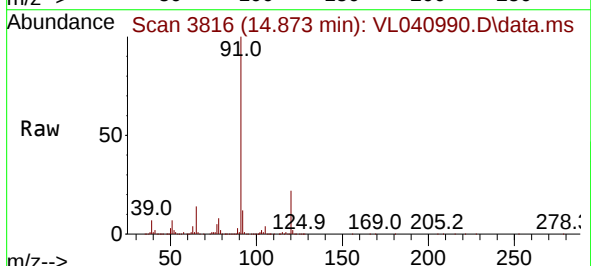
Tgt Ion: 83 Resp: 2083540
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 66.0 32.6 98.0

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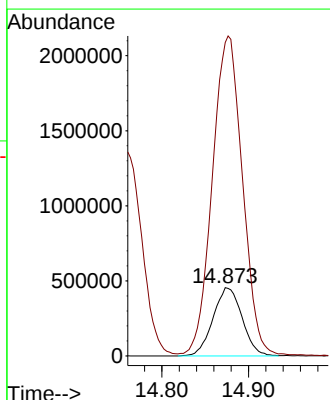
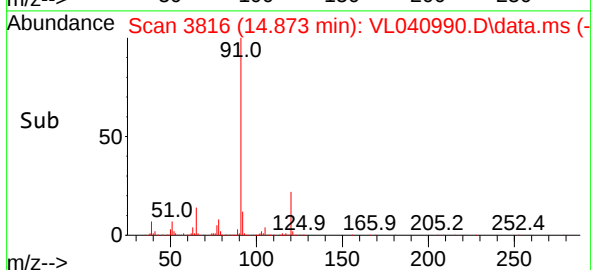
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

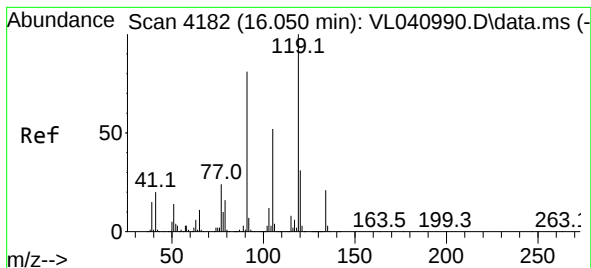


#64
n-propylbenzene
Concen: 10.328 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion:120 Resp: 1060314
Ion Ratio Lower Upper
120 100
91 488.2 381.9 572.9





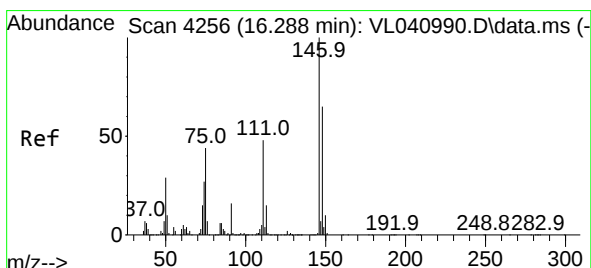
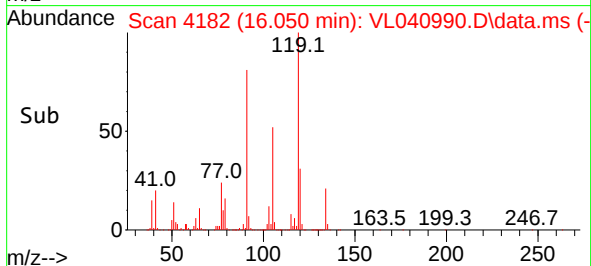
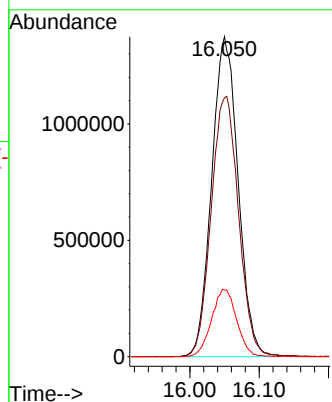
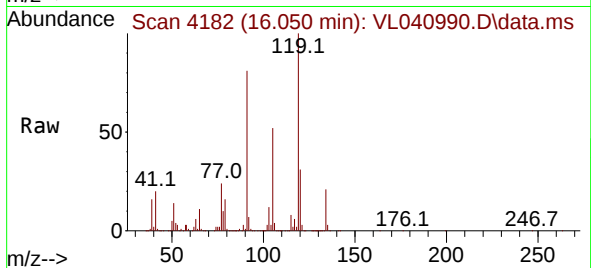
#65
tert-Butylbenzene
Concen: 10.459 ppbv
RT: 16.050 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 3638570
Ion Ratio Lower Upper
119 100
91 84.5 67.2 100.8
134 20.1 15.8 23.6

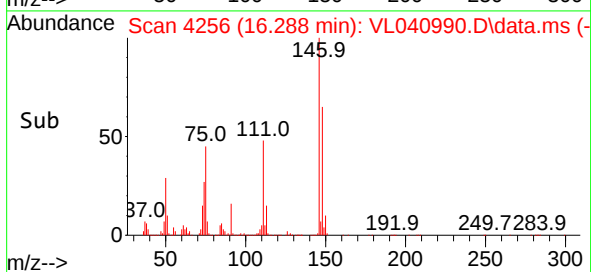
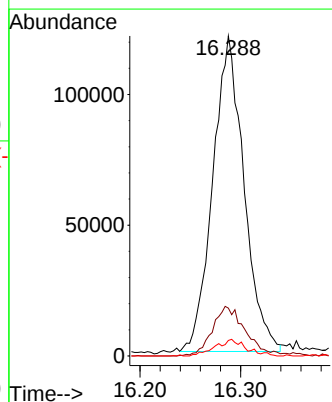
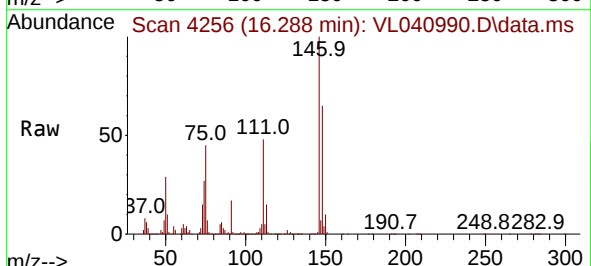
Manual Integrations
APPROVED

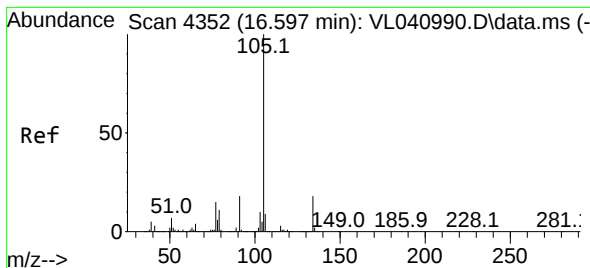
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
Benzyl Chloride
Concen: 10.927 ppbv
RT: 16.288 min Scan# 4256
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

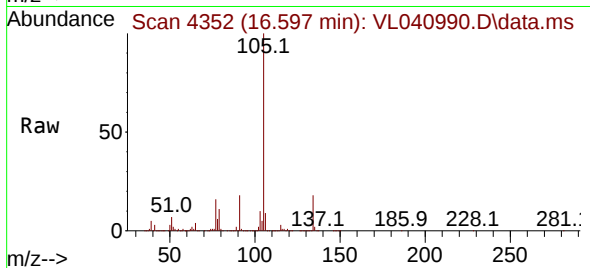
Tgt Ion: 91 Resp: 260134
Ion Ratio Lower Upper
91 100
126 17.0 14.1 21.1
128 5.2 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.173 ppbv
 RT: 16.597 min Scan# 4352
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

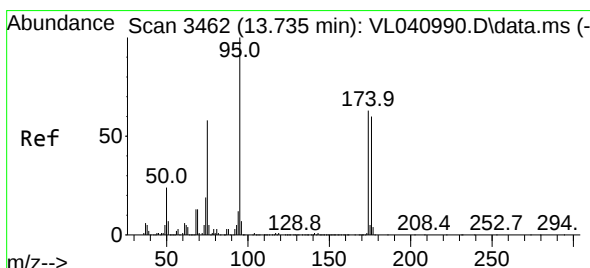
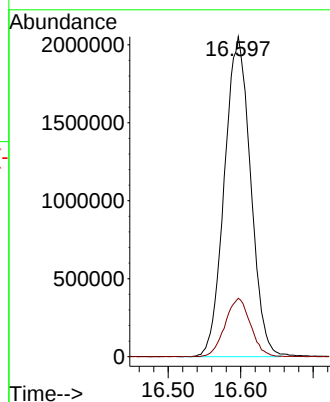
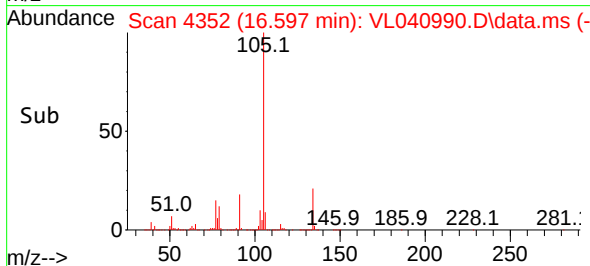
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



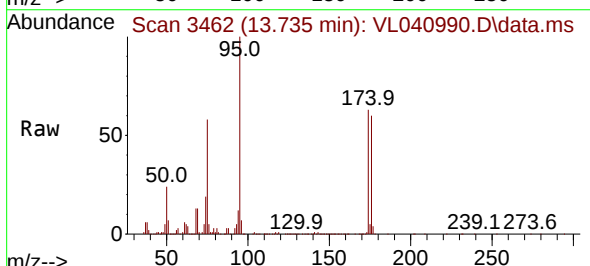
Tgt Ion: 105 Resp: 514339
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6

Manual Integrations
 APPROVED

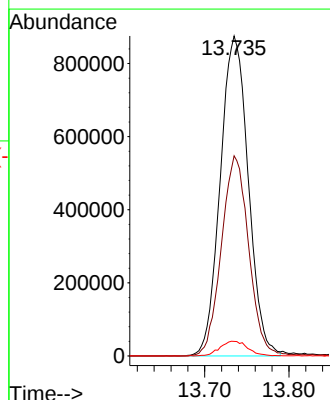
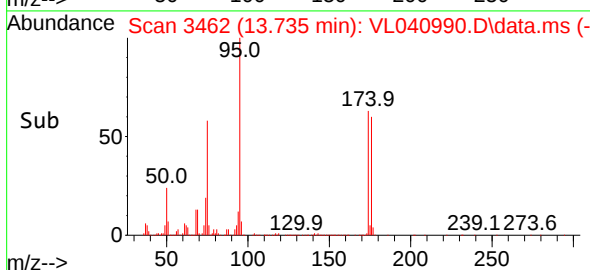
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

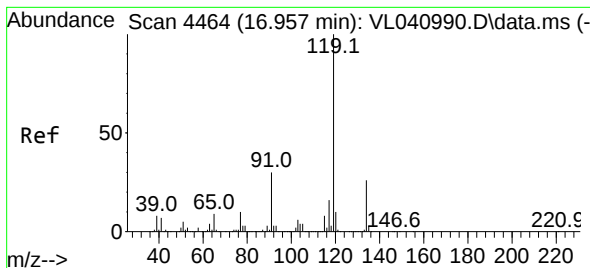


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.230 ppbv
 RT: 13.735 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43



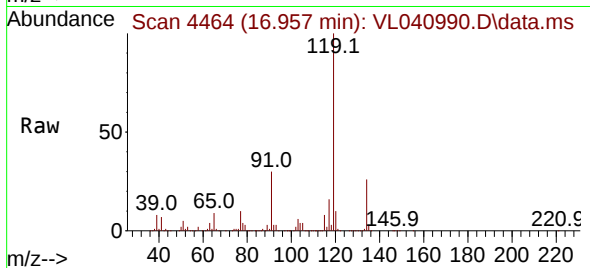
Tgt Ion: 95 Resp: 2020216
 Ion Ratio Lower Upper
 95 100
 174 61.4 48.0 72.0
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.652 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

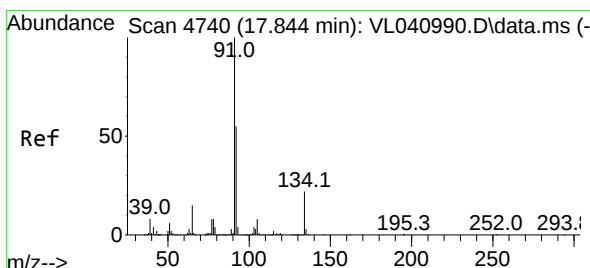
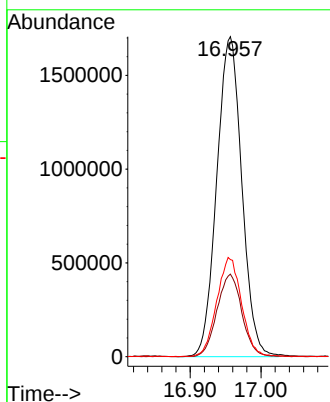
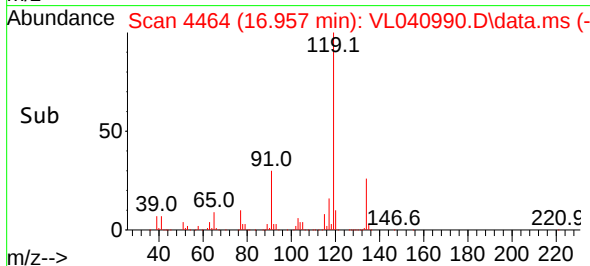
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



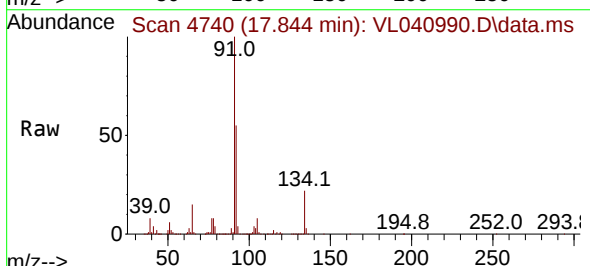
Tgt Ion:119 Resp: 4185762
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 30.6 24.1 36.1

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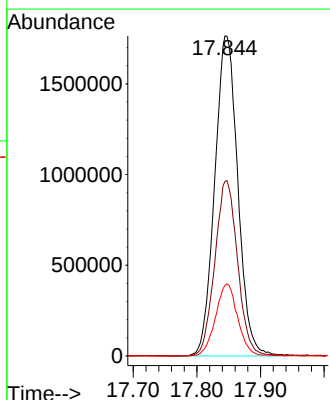
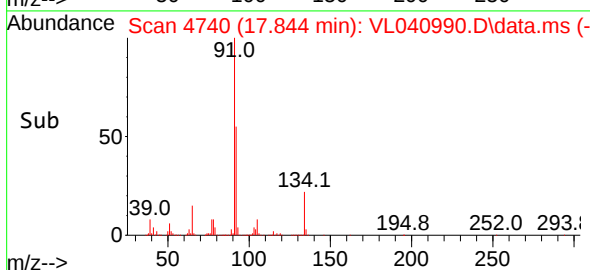
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

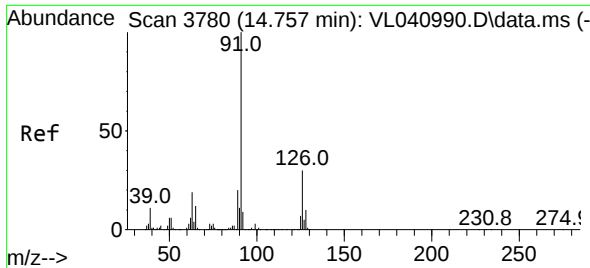


#70
n-Butylbenzene
Concen: 10.896 ppbv
RT: 17.844 min Scan# 4740
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



Tgt Ion: 91 Resp: 4445115
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.7 17.6 26.4





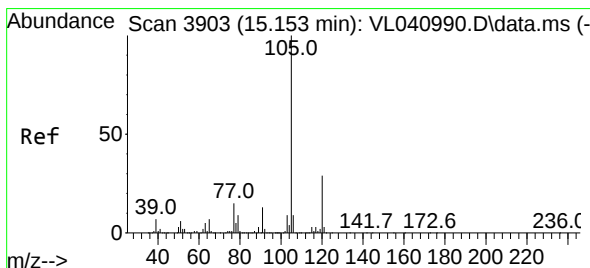
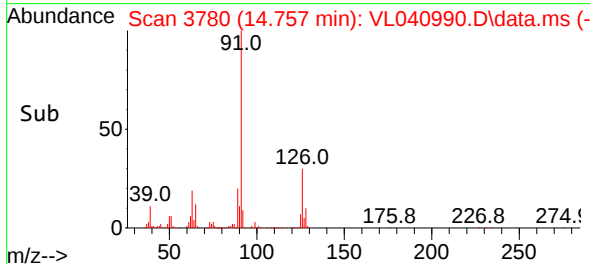
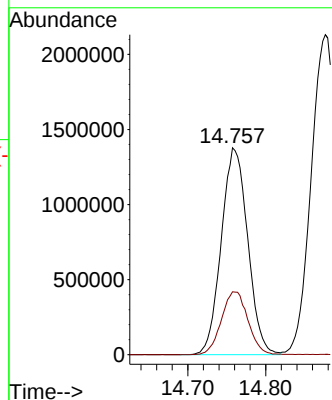
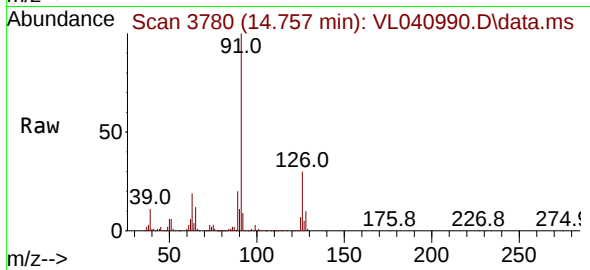
#71
2-Chlorotoluene
Concen: 10.304 ppbv
RT: 14.757 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 324774
Ion Ratio Lower Upper
91 100
126 30.7 12.4 49.6

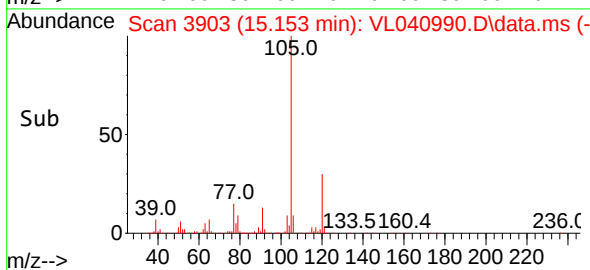
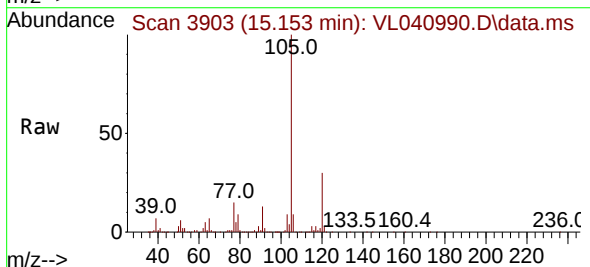
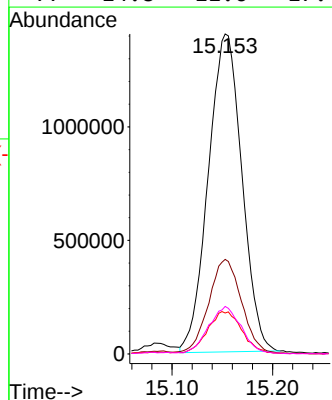
Manual Integrations
APPROVED

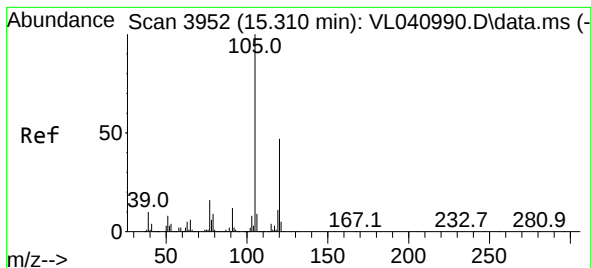
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#72
4-Ethyltoluene
Concen: 10.719 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:105 Resp: 3246687
Ion Ratio Lower Upper
105 100
120 30.4 23.8 35.8
91 13.7 10.9 16.3
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.804 ppbv

RT: 15.310 min Scan# 3952

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 2824514

Ion Ratio Lower Upper

105 100

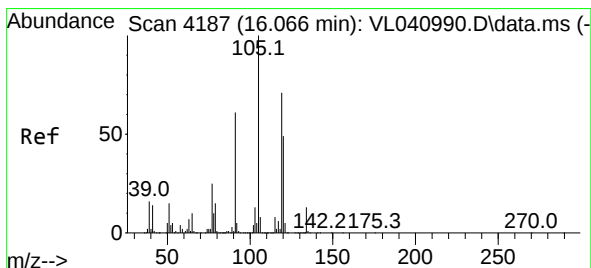
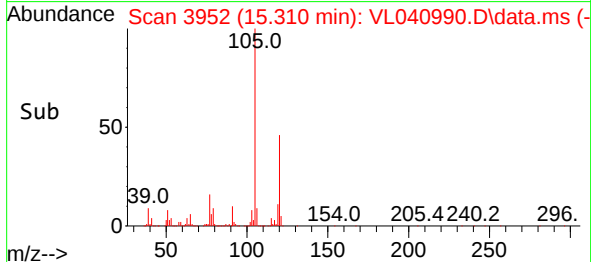
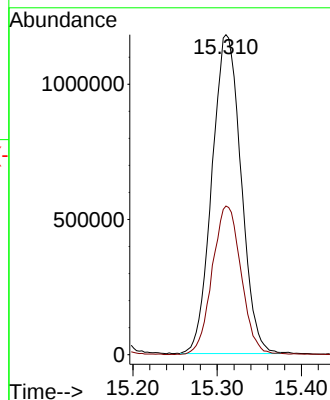
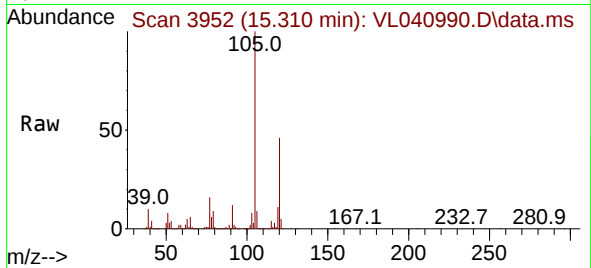
120 46.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.744 ppbv

RT: 16.066 min Scan# 4187

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Tgt Ion:105 Resp: 3125984

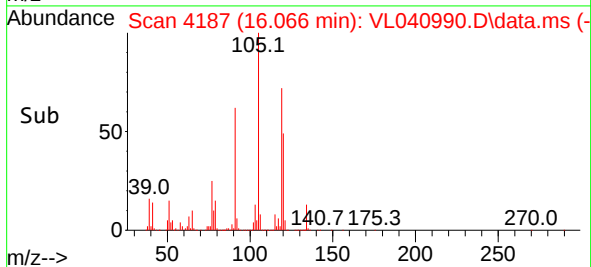
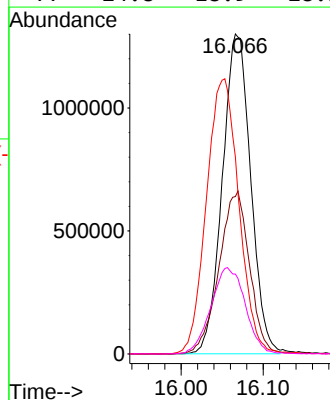
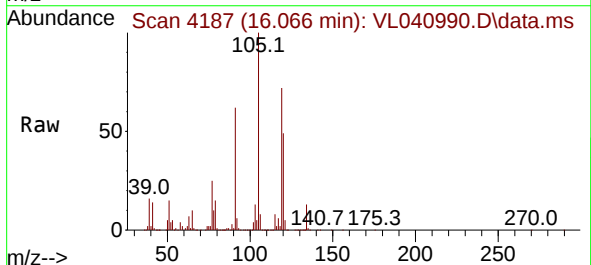
Ion Ratio Lower Upper

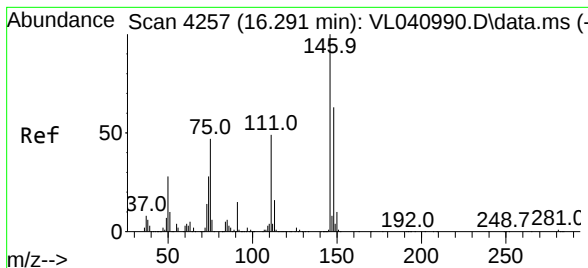
105 100

120 49.1 40.2 60.4

91 60.9 43.0 64.6

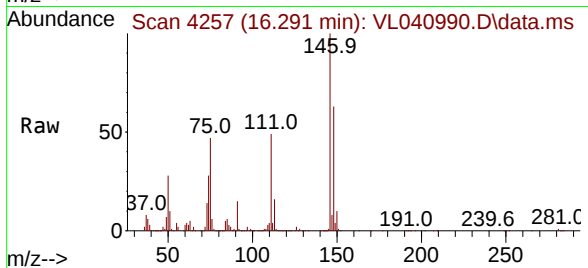
77 24.8 18.9 28.3





#75
1,3-Dichlorobenzene
Concen: 10.714 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

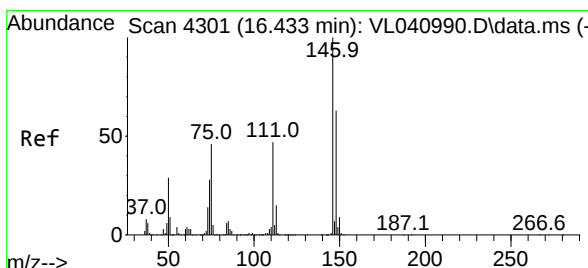
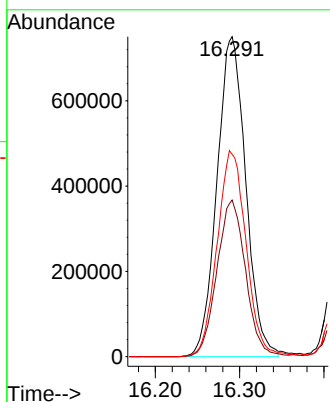
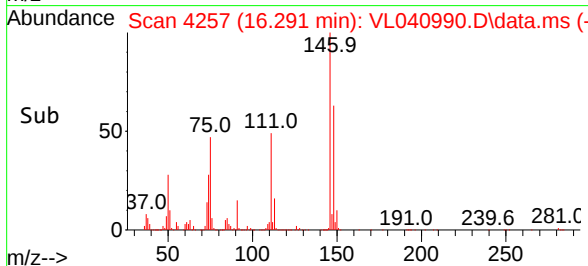
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



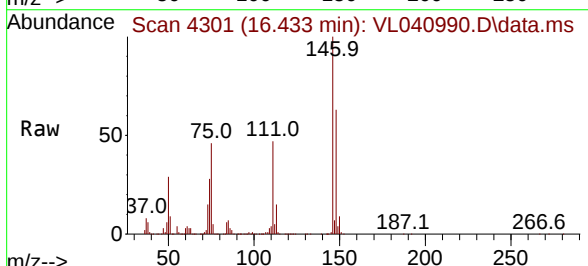
Tgt Ion:146 Resp: 178063
Ion Ratio Lower Upper
146 100
111 48.8 24.7 74.1
148 64.9 32.1 96.5

Manual Integrations
APPROVED

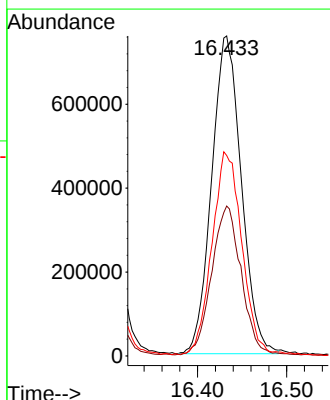
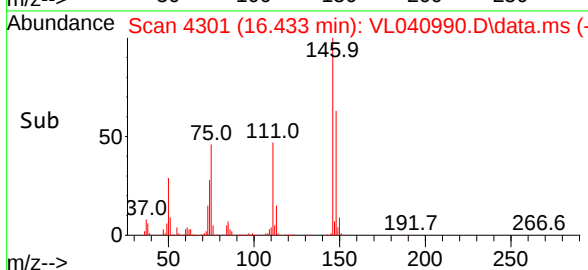
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

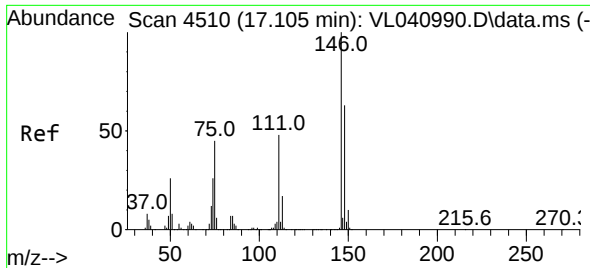


#76
1,4-Dichlorobenzene
Concen: 10.772 ppbv
RT: 16.433 min Scan# 4301
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



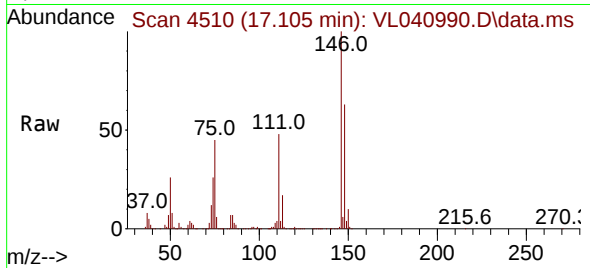
Tgt Ion:146 Resp: 1751319
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.4
148 65.8 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 10.929 ppbv
RT: 17.105 min Scan# 4510
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

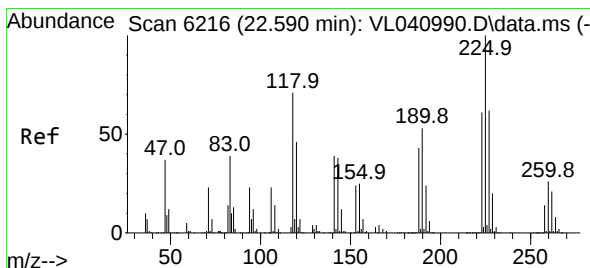
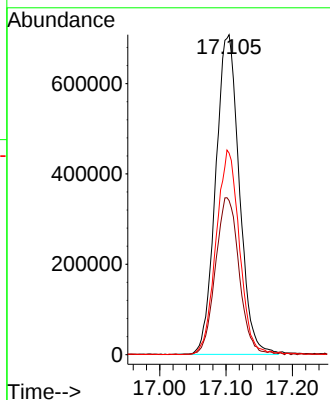
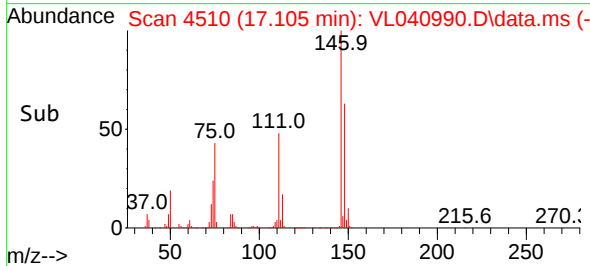
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1749844
Ion Ratio Lower Upper
146 100
111 49.5 25.5 76.5
148 63.5 32.2 96.6

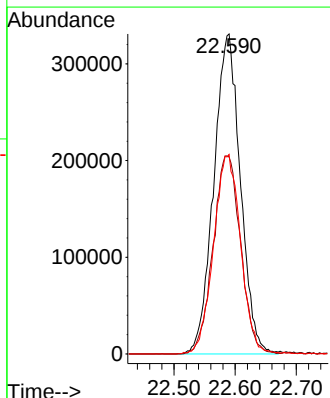
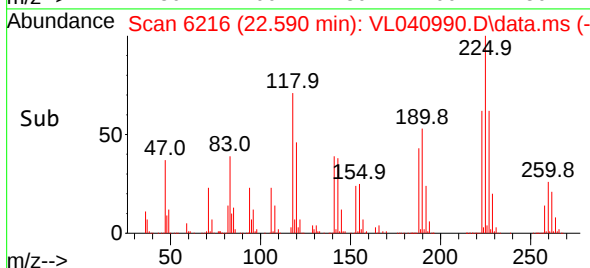
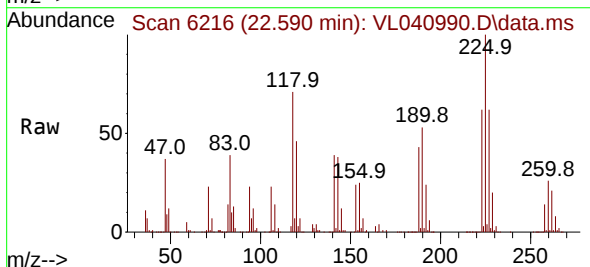
Manual Integrations
APPROVED

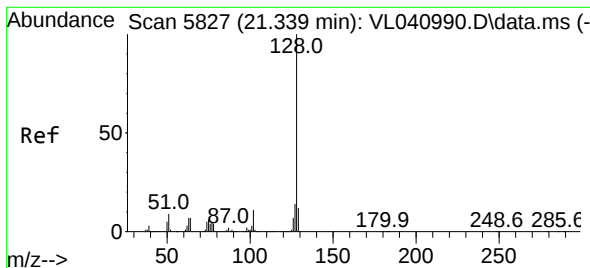
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#78
Hexachloro-1,3-Butadiene
Concen: 10.159 ppbv
RT: 22.590 min Scan# 6216
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

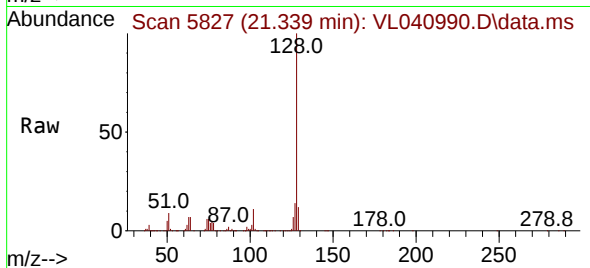
Tgt Ion:225 Resp: 1000423
Ion Ratio Lower Upper
225 100
223 63.9 51.5 77.3
227 63.7 51.7 77.5





#79
Naphthalene
Concen: 16.689 ppbv
RT: 21.339 min Scan# 5827
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

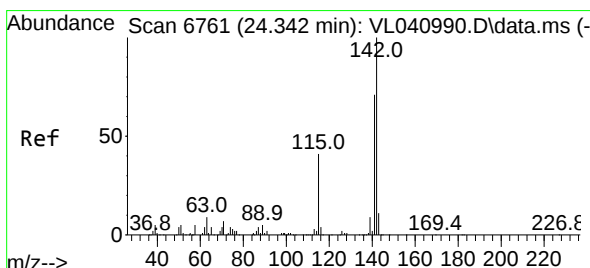
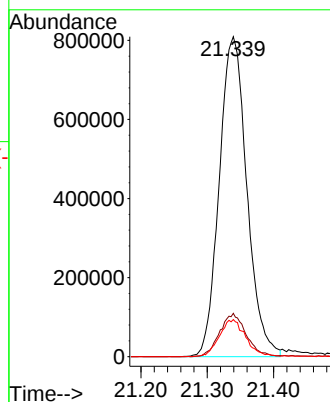
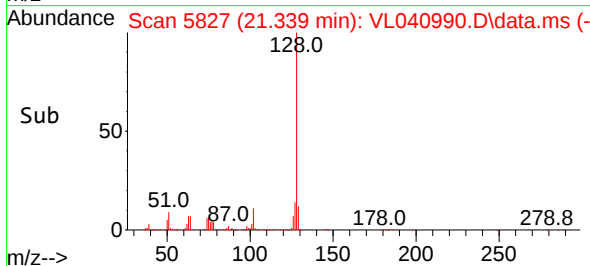
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



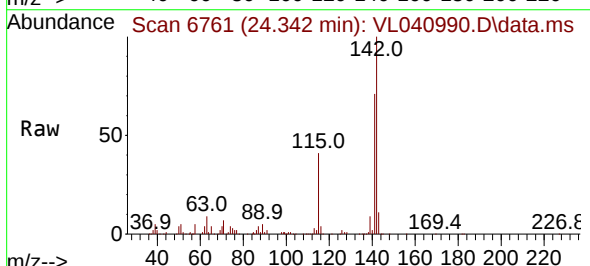
Tgt Ion:128 Resp: 233959
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.6 8.7 13.1

Manual Integrations
APPROVED

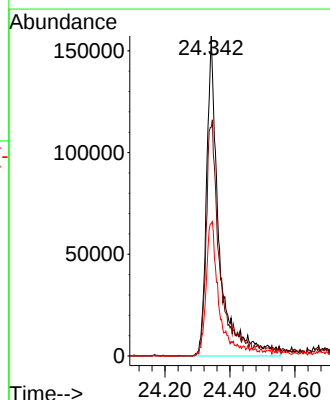
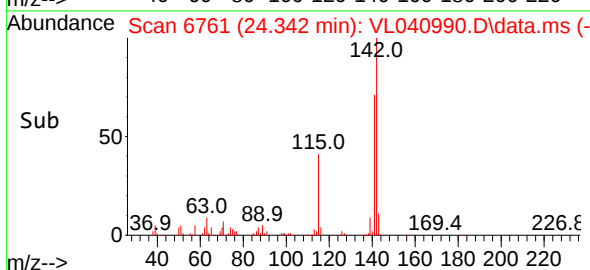
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

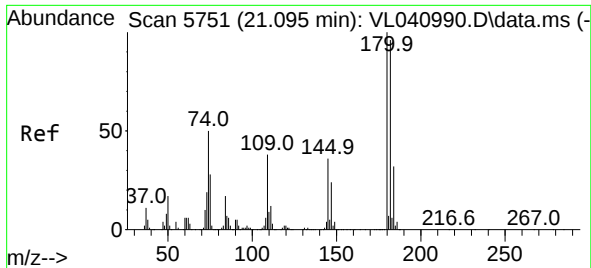


#80
Naphthalene,2-methyl-
Concen: 16.493 ppbv
RT: 24.342 min Scan# 6761
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43



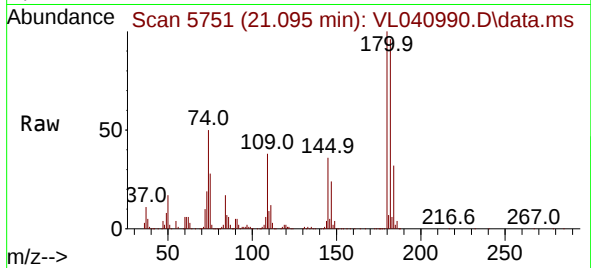
Tgt Ion:142 Resp: 422605
Ion Ratio Lower Upper
142 100
141 78.4 68.5 102.7
115 42.5 34.5 51.7





#81
 1,2,4-Trichlorobenzene
 Concen: 14.062 ppbv
 RT: 21.095 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1131799
 Ion Ratio Lower Upper
 180 100
 182 98.3 79.4 119.0
 184 30.5 24.5 36.7

Manual Integrations
 APPROVED

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

