

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040997.D
 Acq On : 23 Jan 2024 14:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL012324

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 00:59:40 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 : Wed Jan 24 00:50:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1125214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	2886208	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2744800	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.735	95	2013389	9.712	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	2179814	8.771	ppbv	98
3) Chlorodifluoromethane	2.645	51	1673618	8.843	ppbv	100
4) Chloromethane	2.783	50	631104	8.897	ppbv	99
5) Vinyl Chloride	2.890	62	657694	9.456	ppbv	100
6) Bromomethane	3.089	94	276264	9.123	ppbv	97
7) Chloroethane	3.166	64	233387	9.319	ppbv	99
8) Dichlorotetrafluoroethane	2.828	85	1594741	8.590	ppbv	97
9) Propene	2.664	41	581693	9.370	ppbv	97
10) Heptane	7.545	43	1417812	9.280	ppbv	99
11) Trichlorofluoromethane	3.529	101	1728792	8.633	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1256574	8.658	ppbv	98
13) Ethanol	3.208	45	127060	8.588	ppbv	96
14) Bromoethene	3.333	108	506443	9.088	ppbv	97
15) Acetone	3.436	43	1198239	8.327	ppbv	97
16) 1,3-Butadiene	2.954	39	624039	9.066	ppbv	99
17) tert-Butyl alcohol	3.848	59	1185235	10.043	ppbv	100
18) 1,1-Dichloroethene	3.848	96	554222	8.920	ppbv	95
19) Isopropyl Alcohol	3.545	45	807713	9.697	ppbv #	97
20) Methylene Chloride	3.902	84	455516	8.227	ppbv	94
21) Allyl Chloride	3.963	41	816081	9.334	ppbv	100
22) trans-1,2-Dichloroethene	4.410	96	597083	9.332	ppbv	98
23) Vinyl Acetate	4.594	43	1483792	10.004	ppbv	98
24) 1,1-Dichloroethane	4.529	63	1166193	8.863	ppbv	98
25) Ethyl Acetate	5.169	43	2463838	9.443	ppbv	100
26) Hexane	5.179	57	1044424	9.391	ppbv	99
27) Carbon Disulfide	4.092	76	1436384	9.925	ppbv	99
28) Methyl tert-Butyl Ether	4.552	73	879026	9.523	ppbv	98
29) Chloroform	5.243	83	1772384	8.986	ppbv	98
30) Cyclohexane	6.565	84	912728	9.795	ppbv	98
31) cis-1,2-Dichloroethene	5.044	61	1030381	9.872	ppbv	95
32) 1,1,1-Trichloroethane	5.970	97	1787132	9.480	ppbv	99
34) 2-Butanone	4.751	43	1336857	9.722	ppbv	100
35) Carbon Tetrachloride	6.458	117	1906324	9.905	ppbv	97
36) Benzene	6.336	78	2283528	9.580	ppbv	97
37) 1,2-Dichloroethane	5.770	62	1362371	9.366	ppbv	99
38) Trichloroethene	7.259	130	897200	9.389	ppbv	96
39) 1,2-Dichloropropane	7.037	63	886581	9.441	ppbv	99
40) 1,4-Dioxane	7.246	88	384899	9.869	ppbv	92
41) Tetrahydrofuran	5.520	42	957718	10.258	ppbv	99
42) Bromodichloromethane	7.214	83	2010011	9.657	ppbv	98
43) Methyl Methacrylate	7.439	69	937965	10.197	ppbv	99
44) 2,2,4-Trimethylpentane	7.288	57	3732102	9.305	ppbv	99
45) t-1,3-Dichloropropene	8.671	75	697821	11.103	ppbv	97

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Instrument :
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Quant Time: Jan 24 00:59:40 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 : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.108	75	842575	10.750	ppbv	94
47) 1,1,2-Trichloroethane	8.864	97	965125	9.535	ppbv	98
48) Dibromochloromethane	9.674	129	1723776	10.074	ppbv	99
49) Bromoform	12.371	173	1389318	10.351	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2389641	9.868	ppbv	100
51) 2-Hexanone	9.513	43	1748643	10.018	ppbv #	97
52) Tetrachloroethene	10.577	164	790643	9.988	ppbv	97
53) Toluene	9.182	91	2596512	9.943	ppbv	99
54) 1,2-Dibromoethane	9.970	107	1379115	10.061	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.471	131	1216208	9.235	ppbv	99
57) Chlorobenzene	11.487	112	2014837	9.126	ppbv	99
58) Ethyl Benzene	12.050	91	3519721	9.549	ppbv	100
59) m/p-Xylene	12.336	91	5989543m	18.638	ppbv	
60) o-Xylene	13.021	91	2847180	9.234	ppbv	100
61) Styrene	12.860	104	1471363	10.393	ppbv	100
62) Isopropylbenzene	13.989	105	4147259	9.095	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.008	83	2106373	8.790	ppbv	99
64) n-propylbenzene	14.876	120	1082560	9.397	ppbv	97
65) tert-Butylbenzene	16.053	119	3643068	9.144	ppbv	100
66) Benzyl Chloride	16.284	91	270797	10.373	ppbv	99
67) sec-Butylbenzene	16.596	105	5139727	8.860	ppbv	100
69) p-Isopropyltoluene	16.956	119	4172254	9.285	ppbv	100
70) n-Butylbenzene	17.847	91	4423364	9.110	ppbv	100
71) 2-Chlorotoluene	14.760	91	3226401	9.170	ppbv	99
72) 4-Ethyltoluene	15.153	105	3300553	9.585	ppbv	100
73) 1,3,5-Trimethylbenzene	15.313	105	2818795	9.223	ppbv	99
74) 1,2,4-Trimethylbenzene	16.069	105	3113384	8.987	ppbv	95
75) 1,3-Dichlorobenzene	16.291	146	1792235	9.090	ppbv	99
76) 1,4-Dichlorobenzene	16.429	146	1727783	8.880	ppbv	99
77) 1,2-Dichlorobenzene	17.101	146	1741162	8.885	ppbv	100
78) Hexachloro-1,3-Butadiene	22.586	225	990137	7.835	ppbv	99
79) Naphthalene	21.342	128	2314364	11.710	ppbv	97
80) Naphthalene,2-methyl-	24.336	142	498252	14.354	ppbv	92
81) 1,2,4-Trichlorobenzene	21.095	180	1133164	9.827	ppbv	98

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

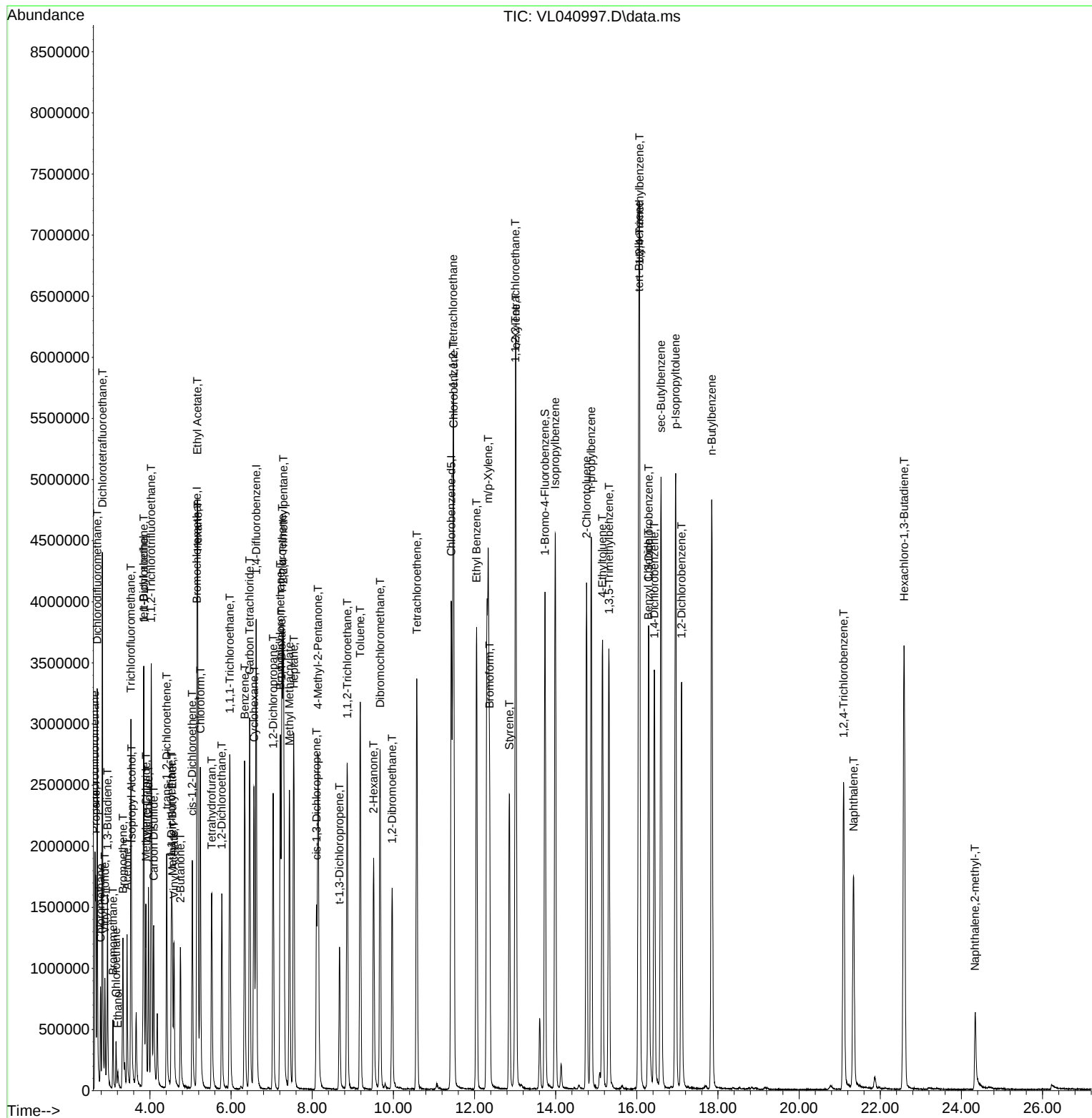
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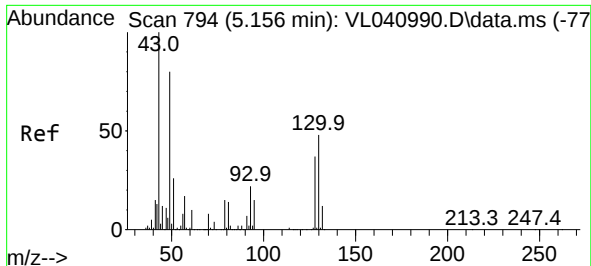
Instrument :
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Manual Integrations APPROVED

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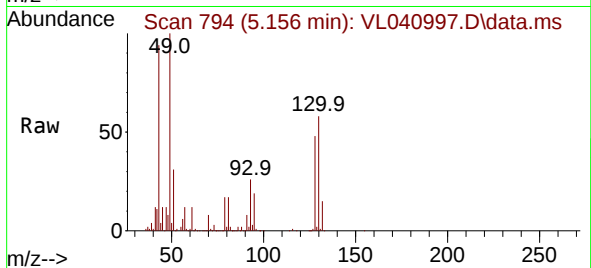
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040997.D
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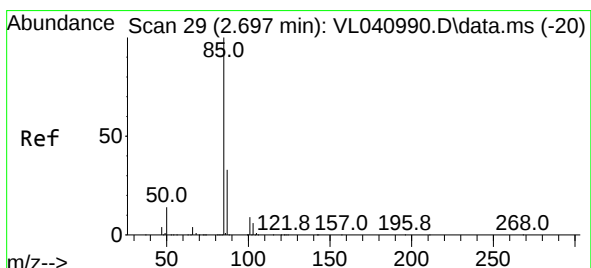
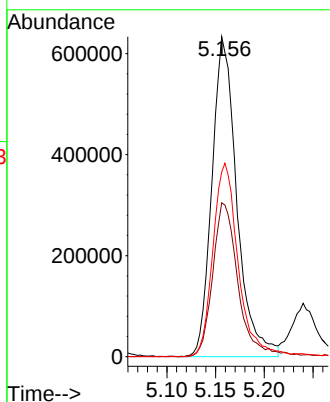
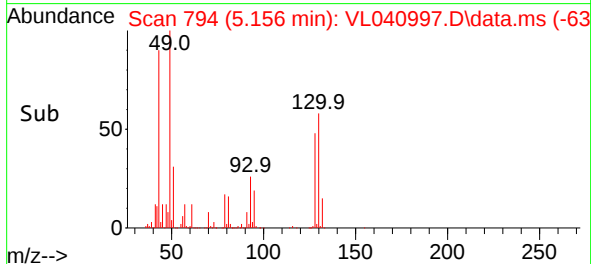
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion: 49 Resp: 1125214
Ion Ratio Lower Upper
49 100
128 49.3 23.9 71.7
130 62.8 31.1 93.5

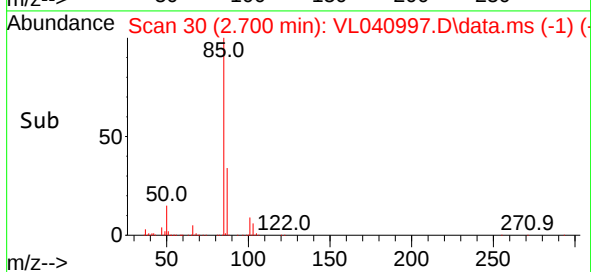
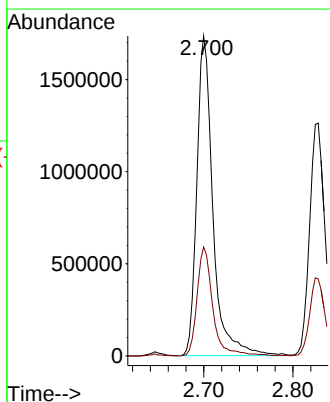
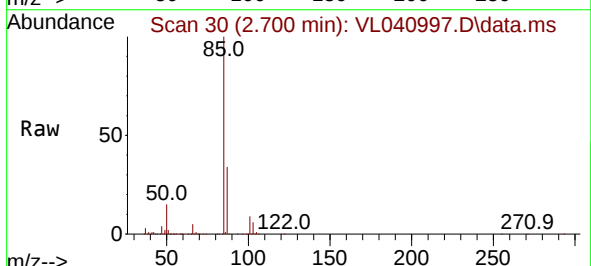
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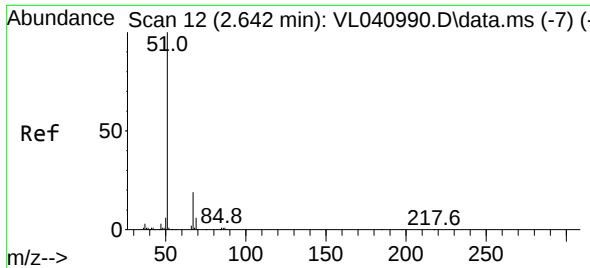
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 8.771 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 85 Resp: 2179814
Ion Ratio Lower Upper
85 100
87 34.1 26.3 39.5





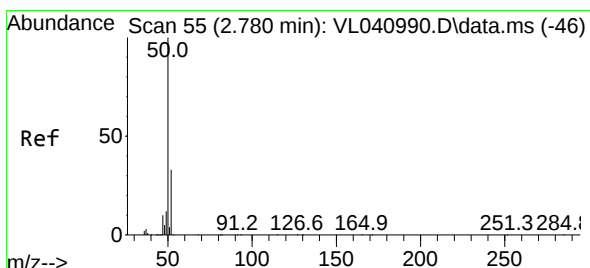
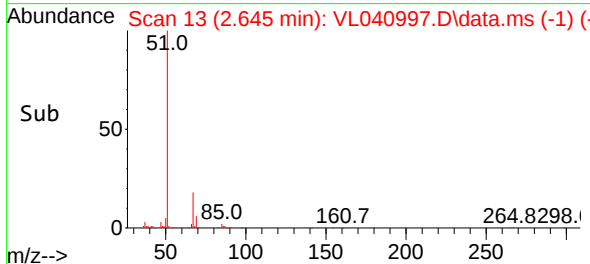
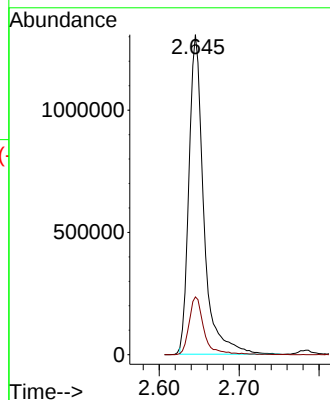
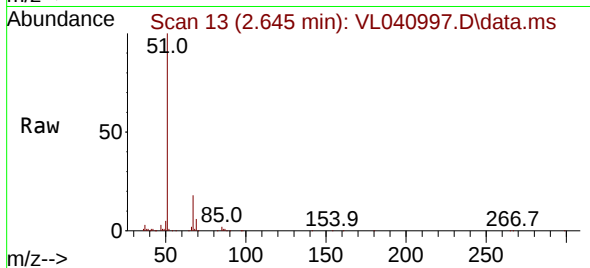
#3
Chlorodifluoromethane
Concen: 8.843 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

Tgt Ion: 51 Resp: 1673618
Ion Ratio Lower Upper
51 100
67 18.3 14.8 22.2

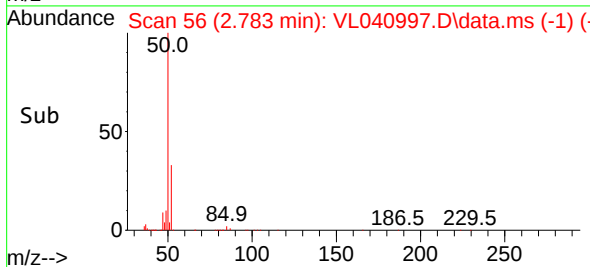
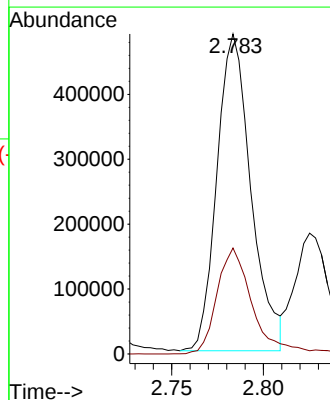
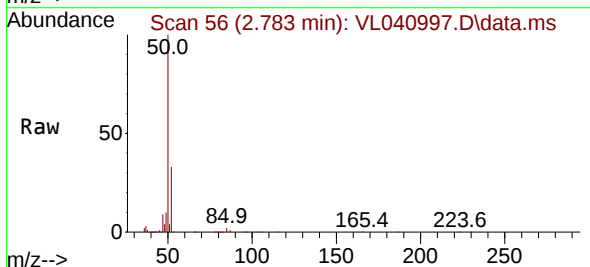
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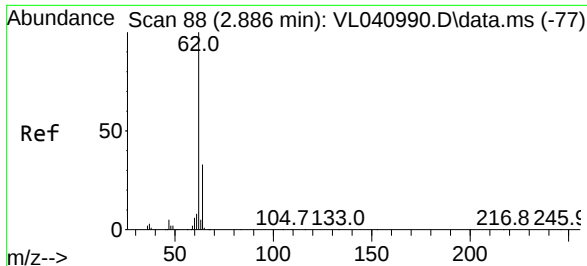
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Chloromethane
Concen: 8.897 ppbv
RT: 2.783 min Scan# 56
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

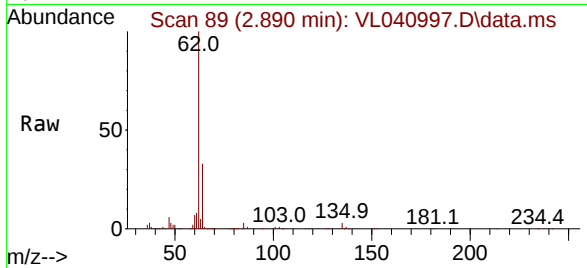
Tgt Ion: 50 Resp: 631104
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4





#5
 Vinyl Chloride
 Concen: 9.456 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

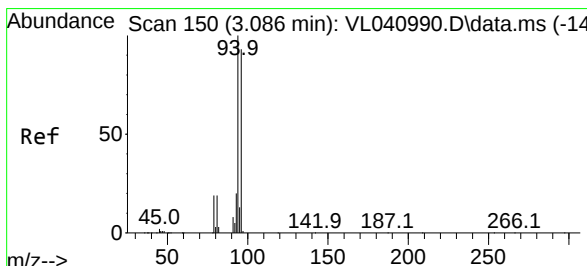
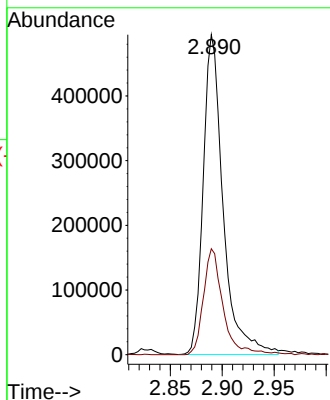
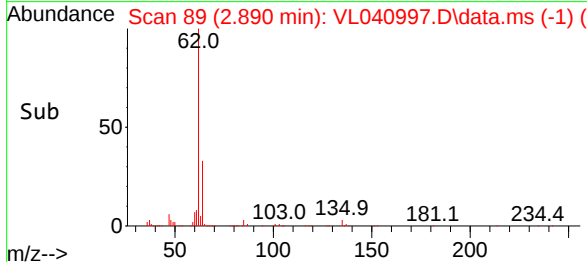
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324



Tgt Ion: 62 Resp: 657694
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.6 40.0

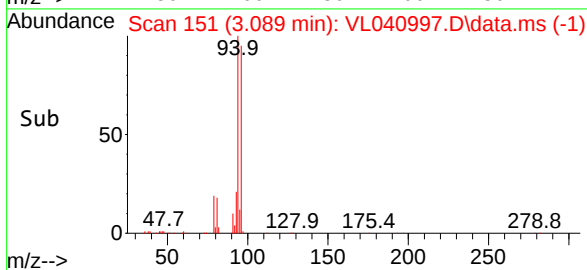
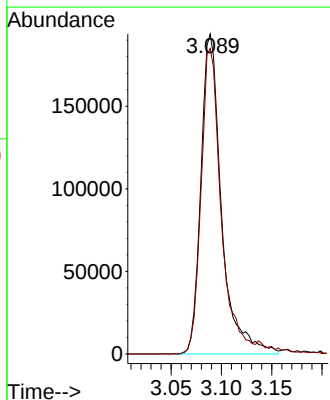
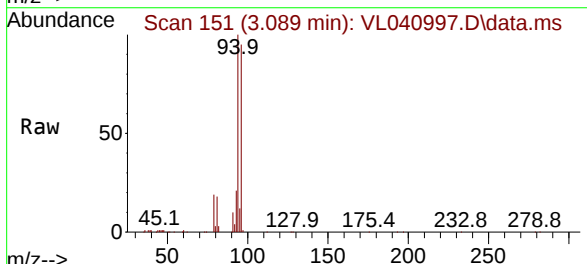
Manual Integrations
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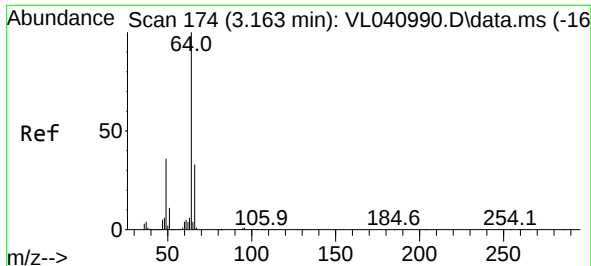
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#6
 Bromomethane
 Concen: 9.123 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

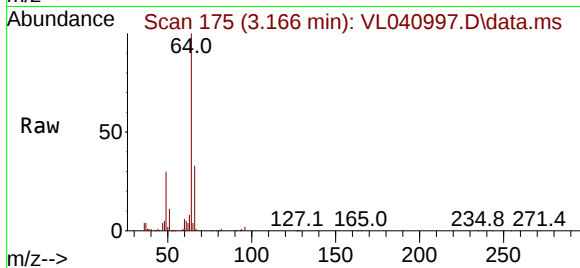
Tgt Ion: 94 Resp: 276264
 Ion Ratio Lower Upper
 94 100
 96 95.5 74.2 111.4





#7
Chloroethane
Concen: 9.319 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

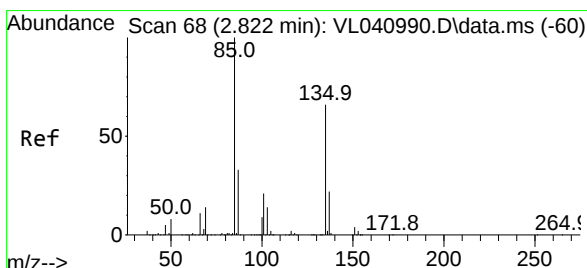
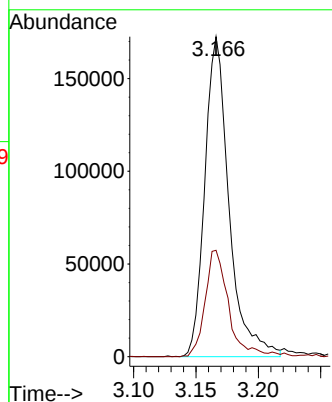
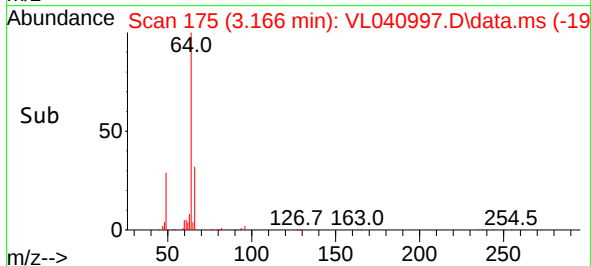
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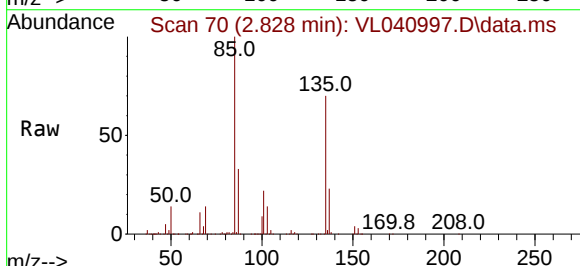
Tgt Ion: 64 Resp: 23338
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0

Manual Integrations
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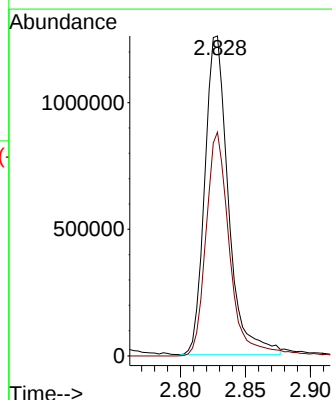
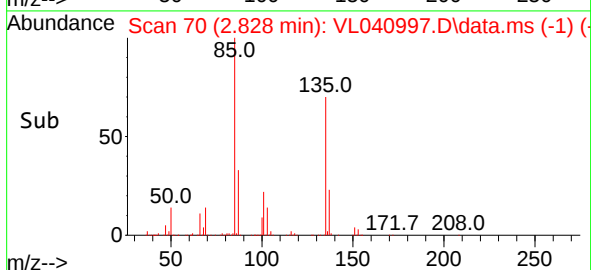
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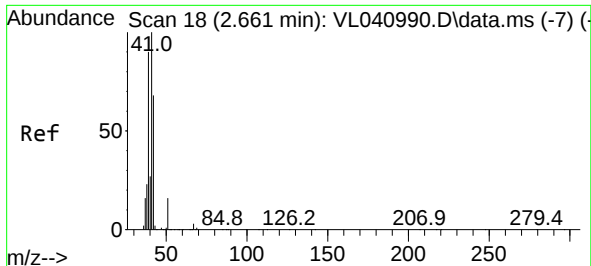


#8
Dichlorotetrafluoroethane
Concen: 8.590 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



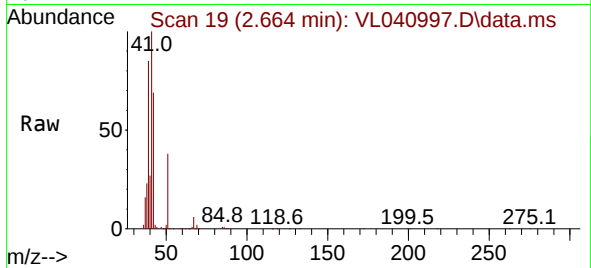
Tgt Ion: 85 Resp: 1594741
Ion Ratio Lower Upper
85 100
135 71.1 55.0 82.6





#9
Propene
Concen: 9.370 ppbv
RT: 2.664 min Scan# 1537
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

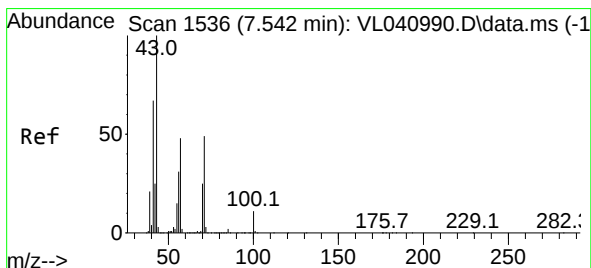
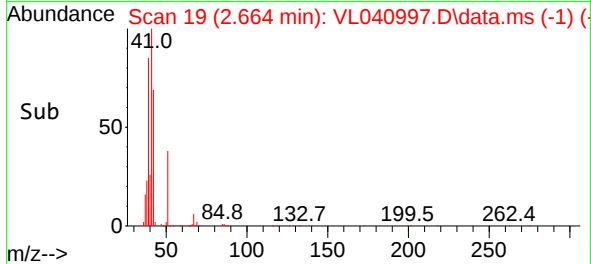
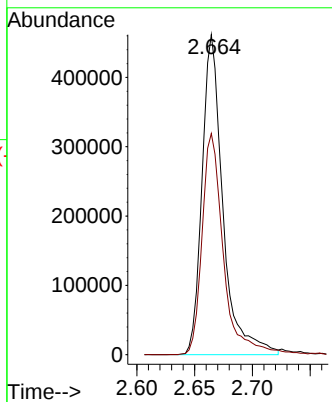
Instrument :
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Tgt Ion: 41 Resp: 581693
Ion Ratio Lower Upper
41 100
42 71.4 59.0 88.4

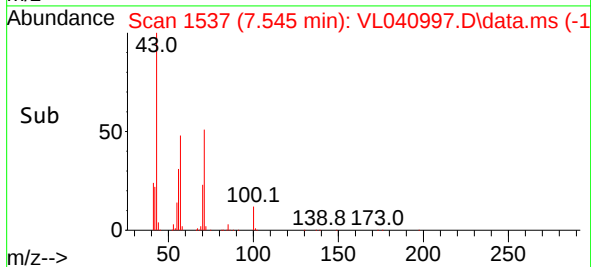
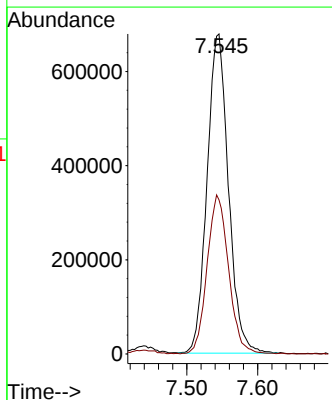
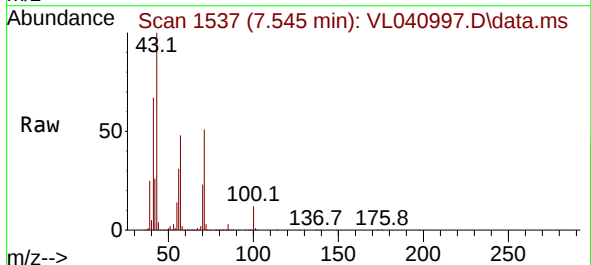
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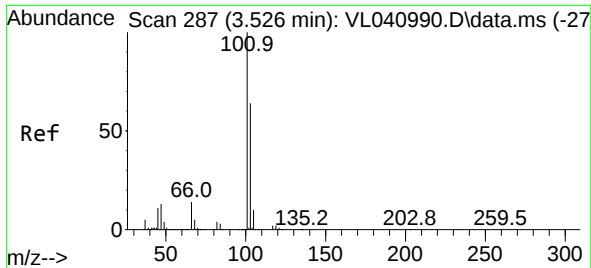
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#10
Heptane
Concen: 9.280 ppbv
RT: 7.545 min Scan# 1537
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

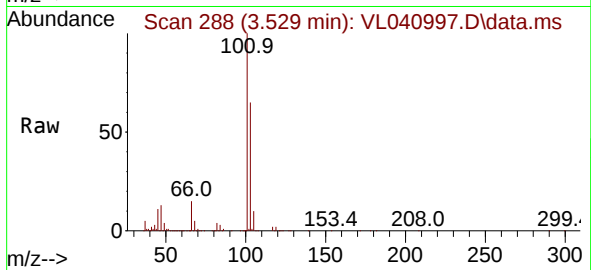
Tgt Ion: 43 Resp: 1417812
Ion Ratio Lower Upper
43 100
57 50.1 39.4 59.2





#11
 Trichlorofluoromethane
 Concen: 8.633 ppbv
 RT: 3.529 min Scan# 287
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

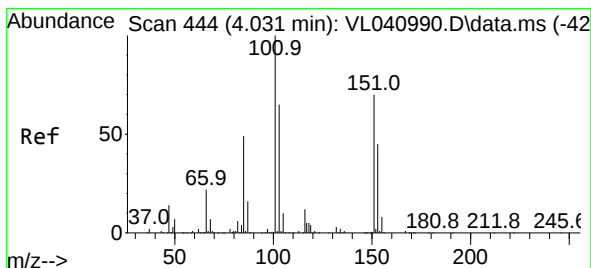
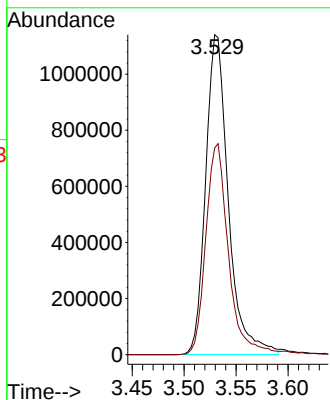
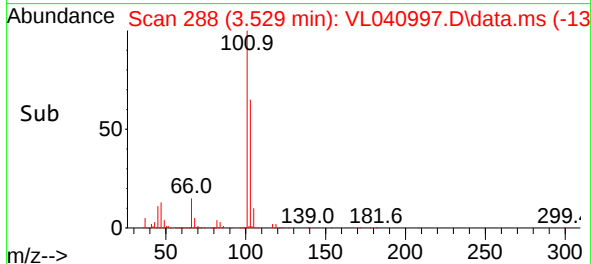
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324



Tgt Ion:101 Resp: 1728792
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

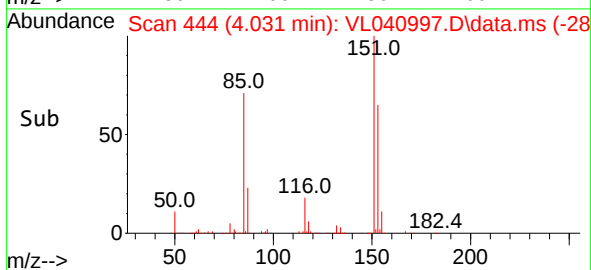
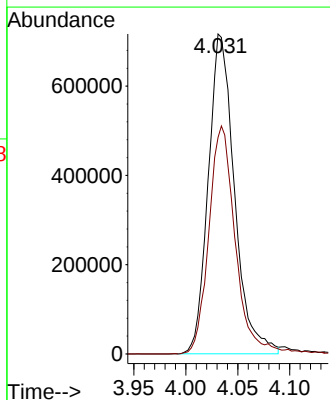
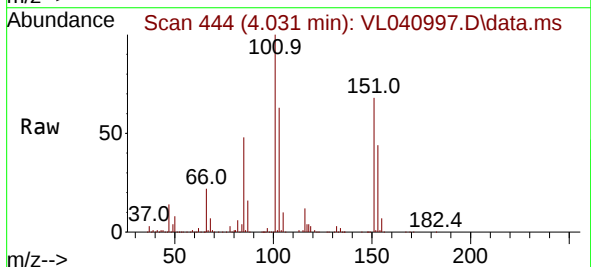
Manual Integrations
 APPROVED

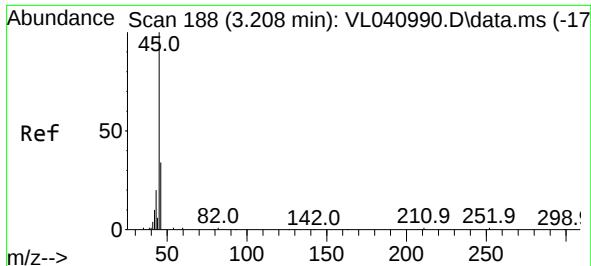
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.658 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.000 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

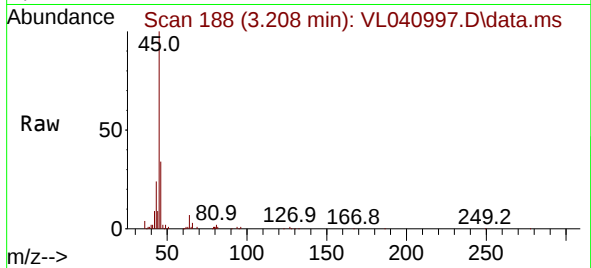
Tgt Ion:101 Resp: 1256574
 Ion Ratio Lower Upper
 101 100
 151 72.7 56.6 85.0





#13
Ethanol
Concen: 8.588 ppbv
RT: 3.208 min Scan# 188
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

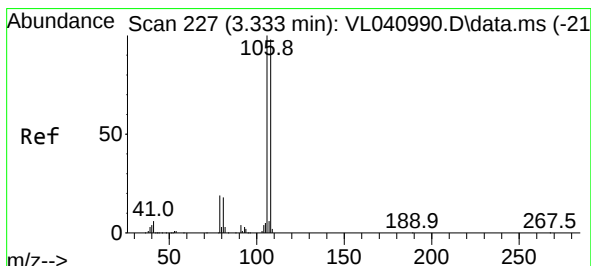
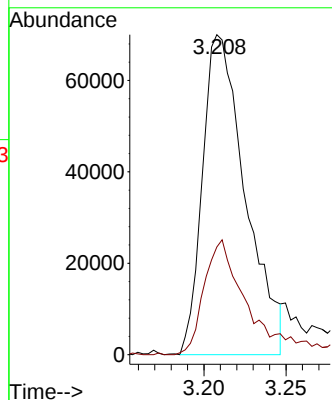
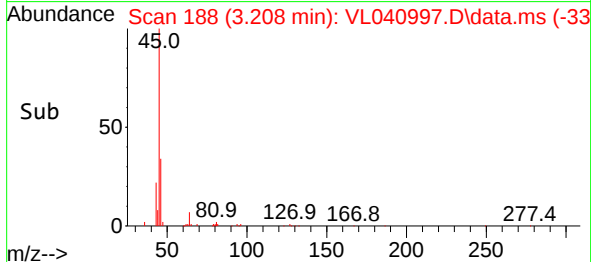
Instrument : MSVOA_L
ClientSampleId : ICVVL012324



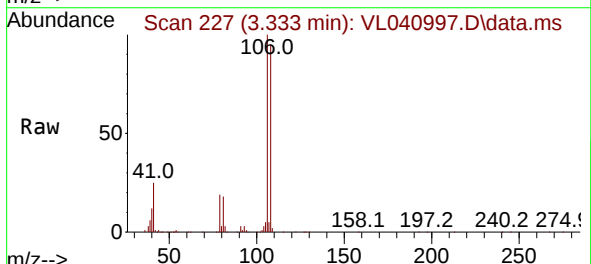
Tgt Ion: 45 Resp: 127060
Ion Ratio Lower Upper
45 100
46 38.2 16.2 64.8

Manual Integrations
APPROVED

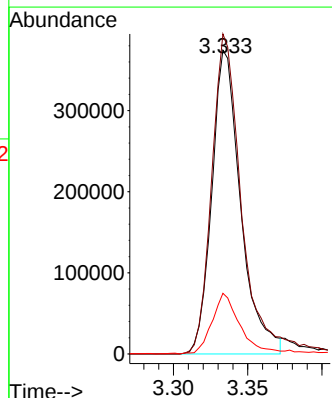
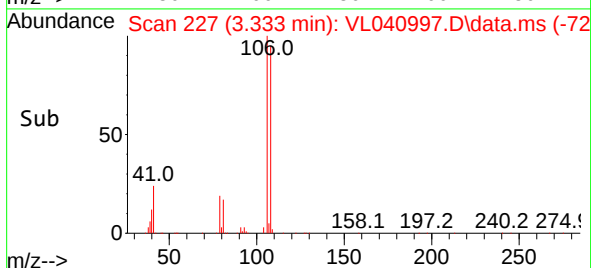
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

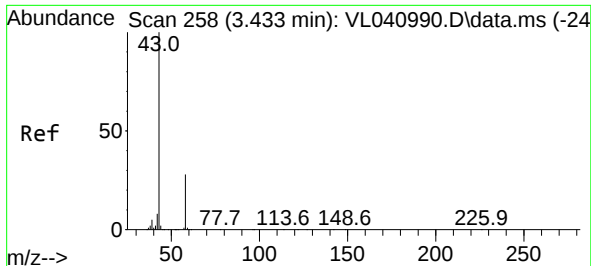


#14
Bromoethene
Concen: 9.088 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



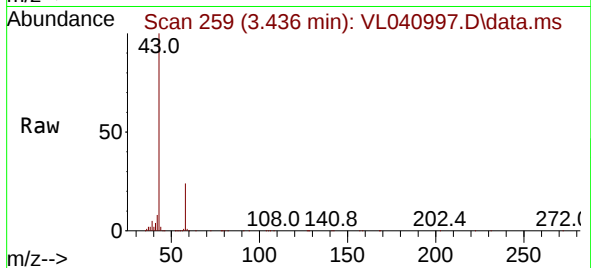
Tgt Ion:108 Resp: 506443
Ion Ratio Lower Upper
108 100
106 111.1 86.4 129.6
79 20.6 16.2 24.4





#15
Acetone
Concen: 8.327 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

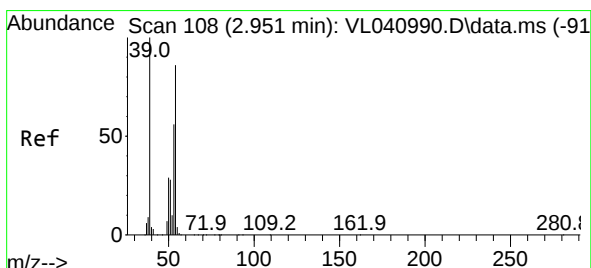
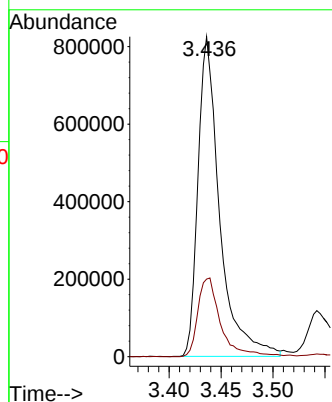
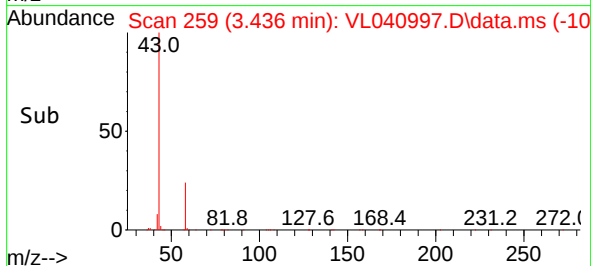
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



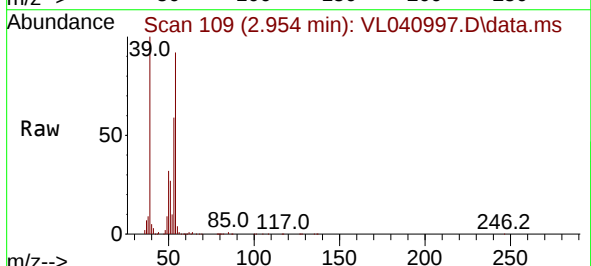
Tgt Ion: 43 Resp: 1198239
Ion Ratio Lower Upper
43 100
58 26.1 22.2 33.2

Manual Integrations
APPROVED

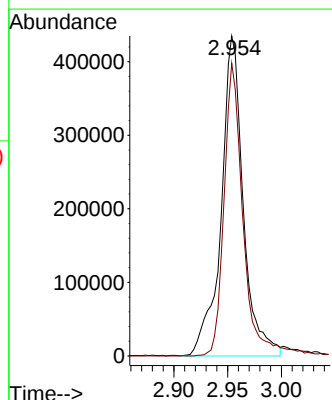
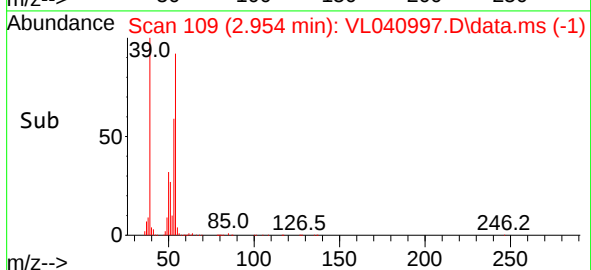
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

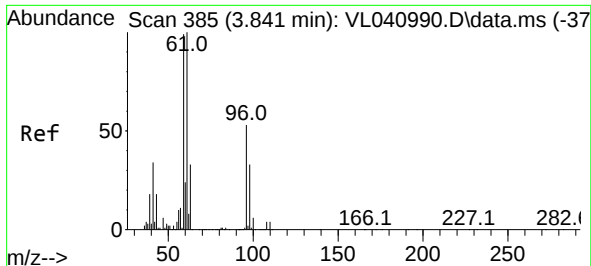


#16
1,3-Butadiene
Concen: 9.066 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



Tgt Ion: 39 Resp: 624039
Ion Ratio Lower Upper
39 100
54 79.6 62.7 94.1





#17

tert-Butyl alcohol

Concen: 10.043 ppbv

RT: 3.848 min Scan# 387

Delta R.T. 0.006 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

Tgt Ion: 59 Resp: 118523

Ion Ratio Lower Upper

59 100

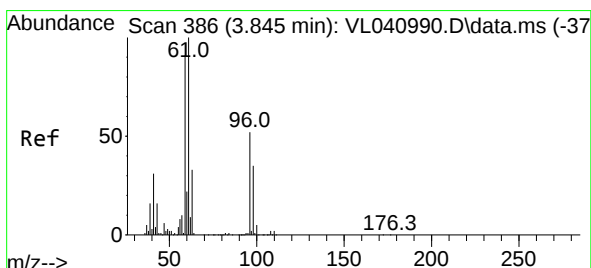
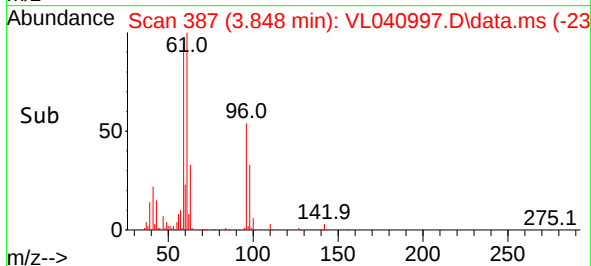
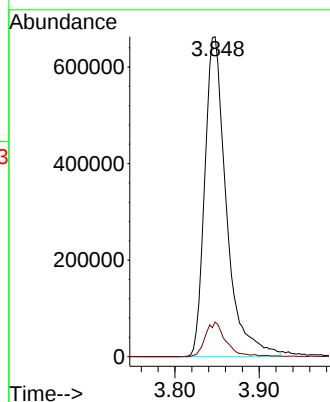
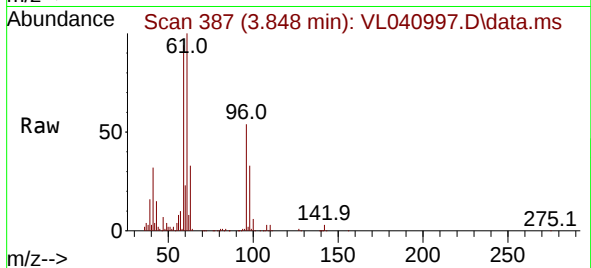
57 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#18

1,1-Dichloroethene

Concen: 8.920 ppbv

RT: 3.848 min Scan# 387

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

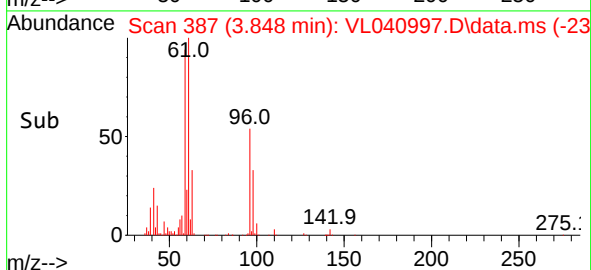
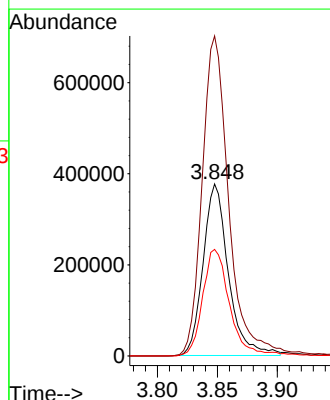
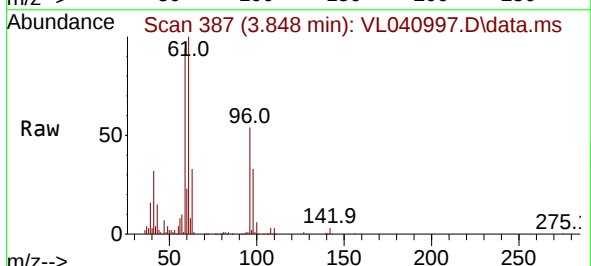
Tgt Ion: 96 Resp: 554222

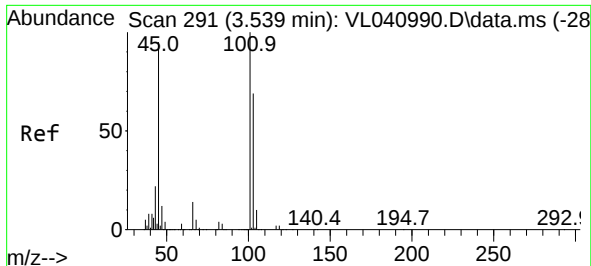
Ion Ratio Lower Upper

96 100

61 185.5 153.8 230.8

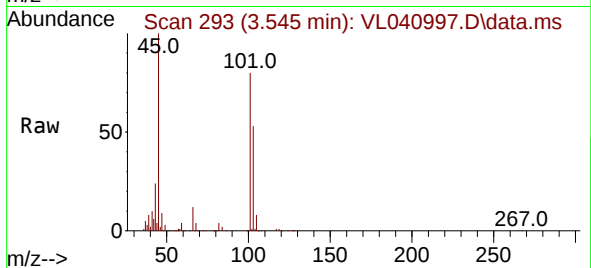
98 61.6 53.7 80.5





#19
Isopropyl Alcohol
Concen: 9.697 ppbv
RT: 3.545 min Scan# 291
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

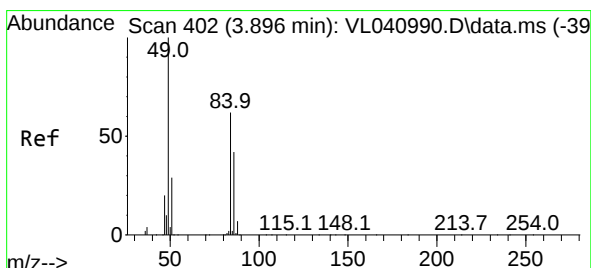
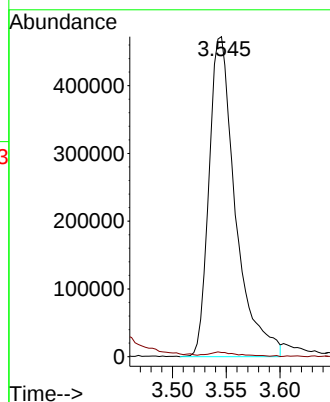
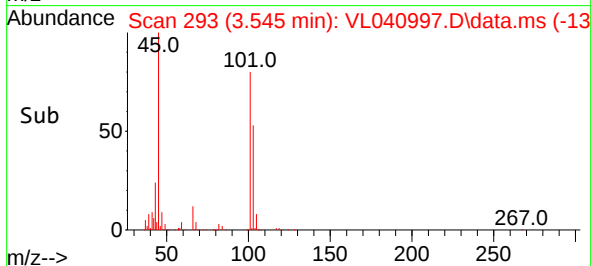
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion: 45 Resp: 807711
Ion Ratio Lower Upper
45 100
58 1.7 2.2 3.4

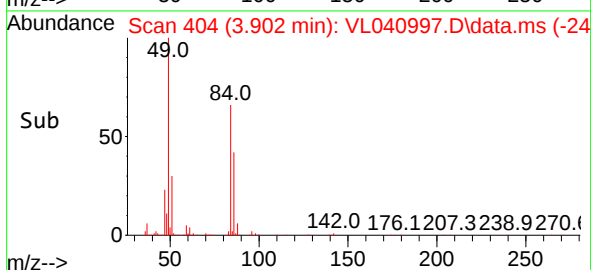
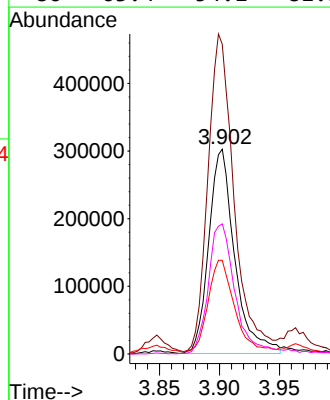
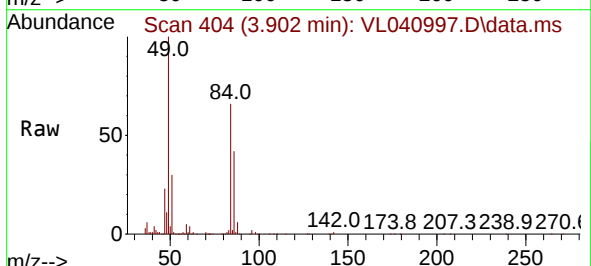
Manual Integrations
APPROVED

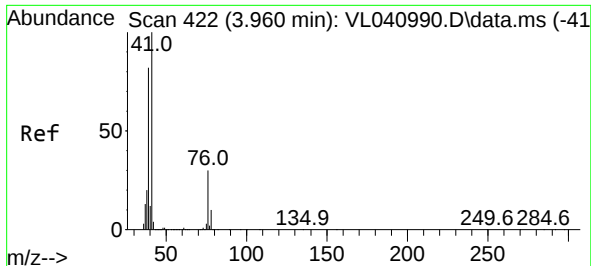
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 8.227 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 84 Resp: 455516
Ion Ratio Lower Upper
84 100
49 149.9 128.1 192.1
51 44.6 36.5 54.7
86 63.4 54.1 81.1





#21

Allyl Chloride

Concen: 9.334 ppbv

RT: 3.963 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040997.D

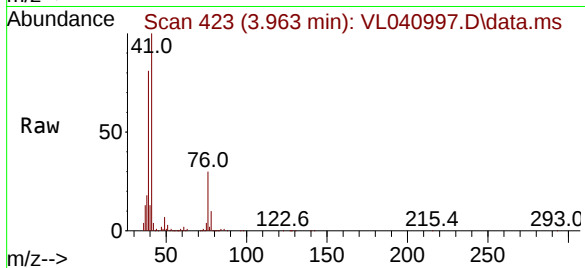
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324



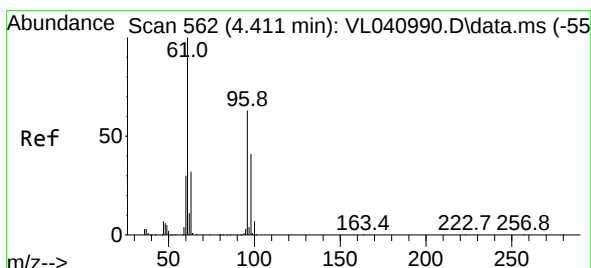
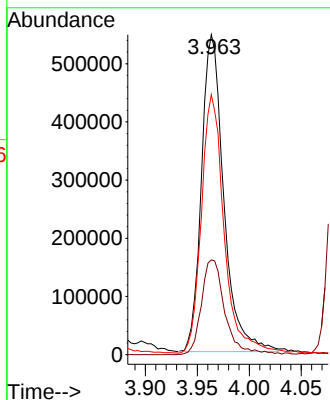
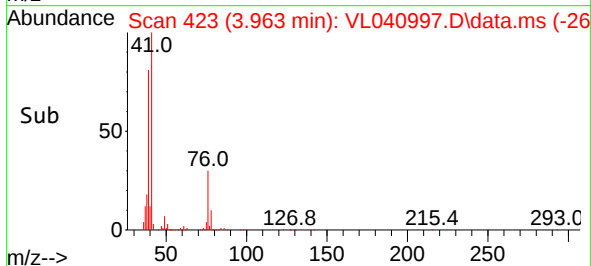
Tgt Ion: 41 Resp: 81608

Ion	Ratio	Lower	Upper
41	100		
76	31.5	25.0	37.4
39	83.6	67.0	100.6

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 9.332 ppbv

RT: 4.410 min Scan# 562

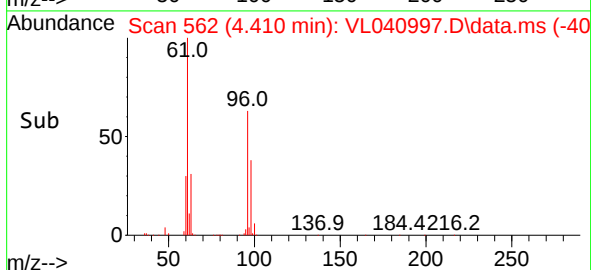
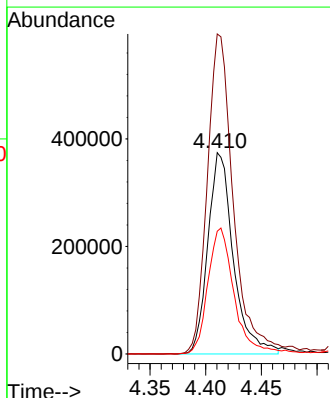
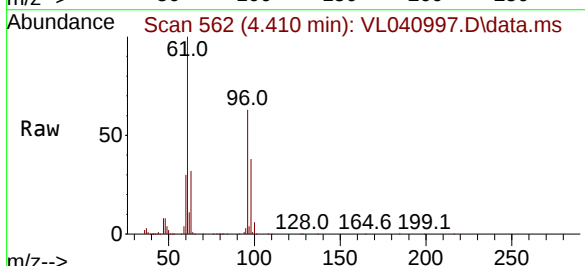
Delta R.T. -0.000 min

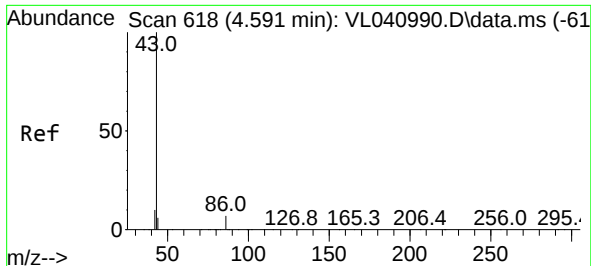
Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Tgt Ion: 96 Resp: 597083

Ion	Ratio	Lower	Upper
96	100		
61	158.9	126.0	189.0
98	61.0	51.2	76.8





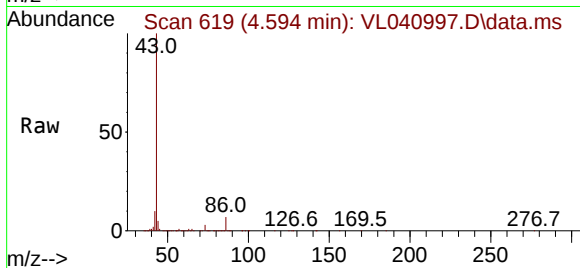
#23
 Vinyl Acetate
 Concen: 10.004 ppbv
 RT: 4.594 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

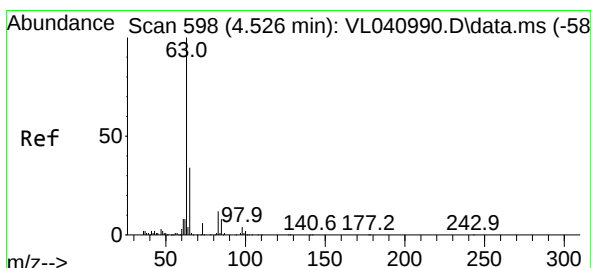
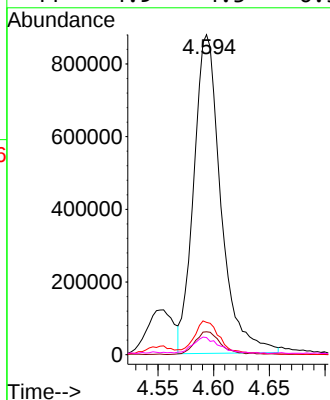
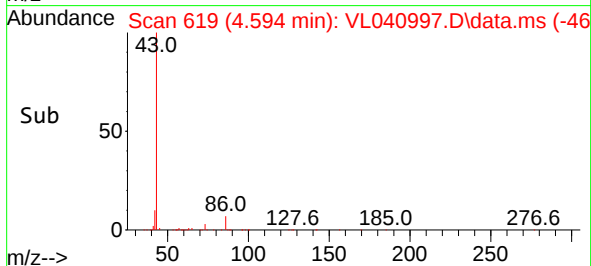


Tgt Ion: 43 Resp: 1483792
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.4 8.0
 42 10.1 8.6 13.0
 44 4.9 4.3 6.5

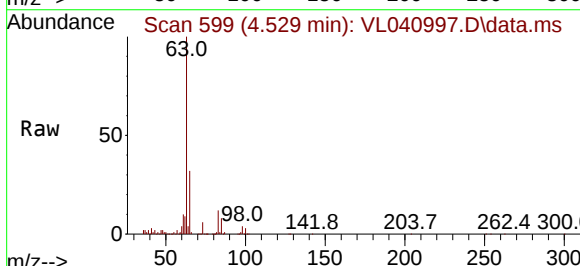
Manual Integrations

APPROVED

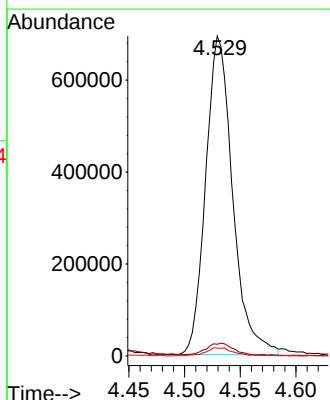
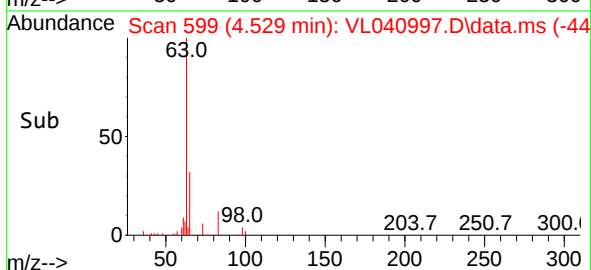
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

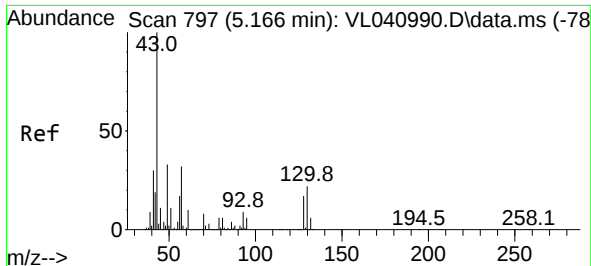


#24
 1,1-Dichloroethane
 Concen: 8.863 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12



Tgt Ion: 63 Resp: 1166193
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.1 6.3
 100 2.4 1.3 3.9





#25
Ethyl Acetate
Concen: 9.443 ppbv
RT: 5.169 min Scan# 797
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

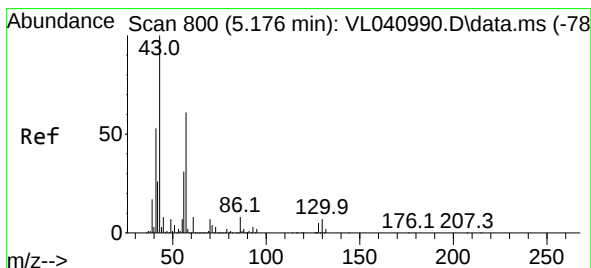
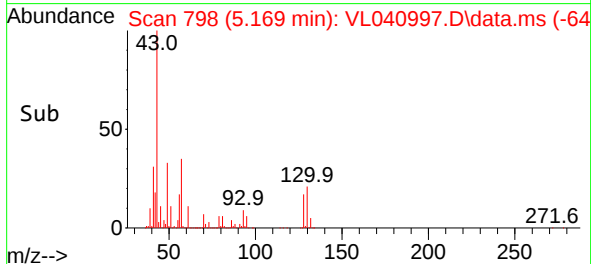
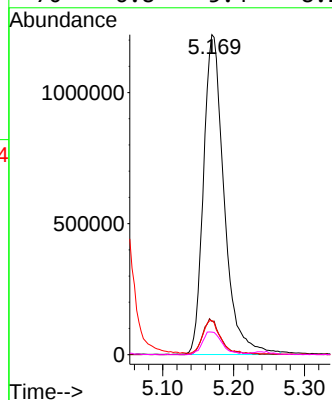
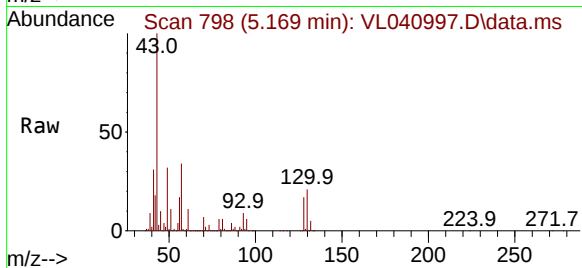
ICVVL012324

Tgt Ion: 43 Resp: 2463838
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 10.1 7.9 11.9
70 6.8 5.4 8.2

Manual Integrations

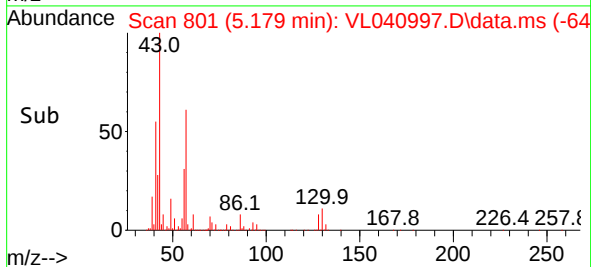
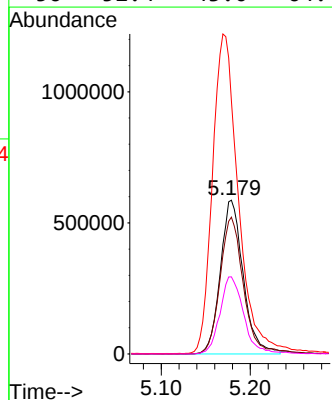
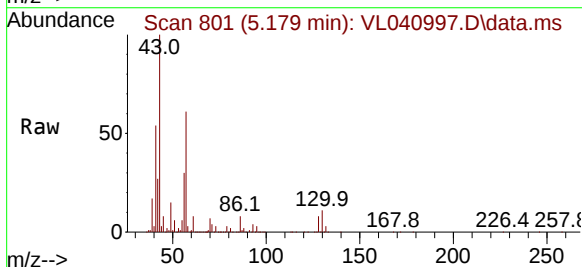
APPROVED

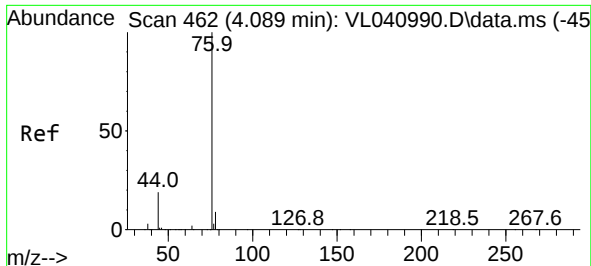
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
Hexane
Concen: 9.391 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

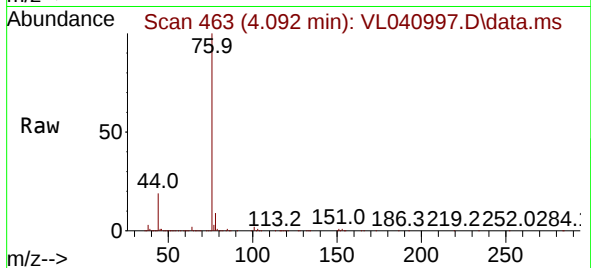
Tgt Ion: 57 Resp: 1044424
Ion Ratio Lower Upper
57 100
41 92.3 74.4 111.6
43 238.0 190.6 285.8
56 52.4 43.0 64.4





#27
Carbon Disulfide
Concen: 9.925 ppbv
RT: 4.092 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

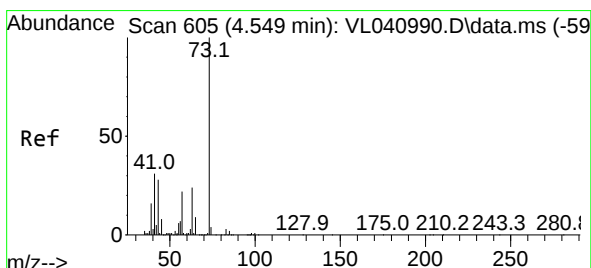
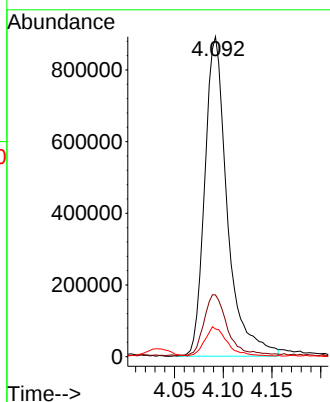
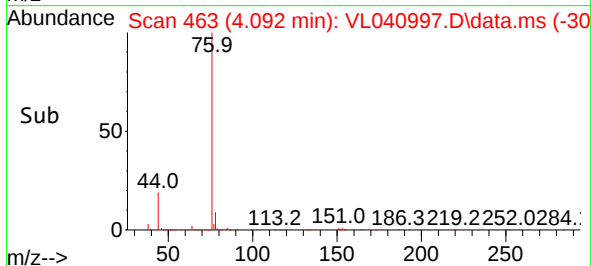
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



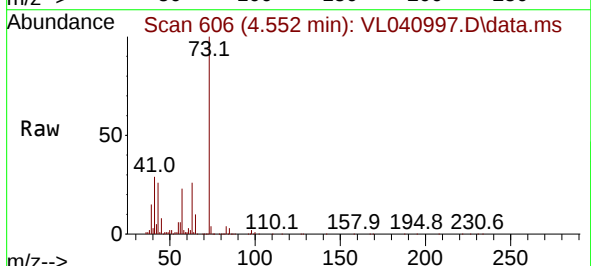
Tgt Ion: 76 Resp: 1436384
Ion Ratio Lower Upper
76 100
44 20.6 16.0 24.0
78 9.7 7.8 11.8

Manual Integrations
APPROVED

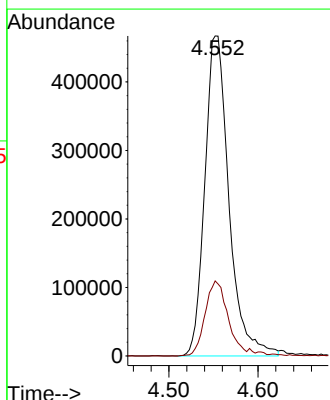
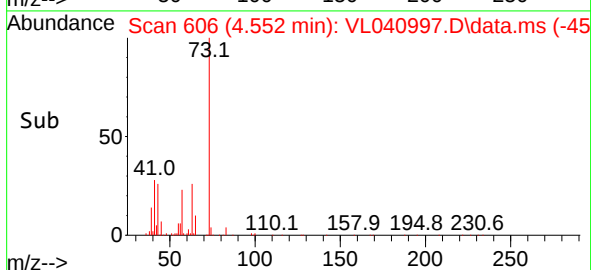
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

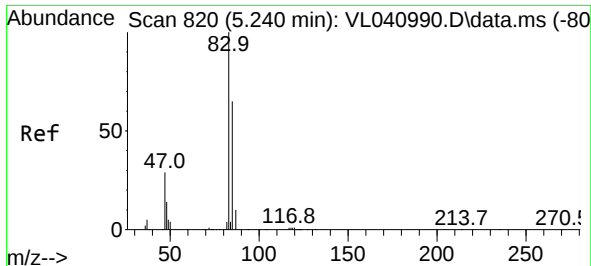


#28
Methyl tert-Butyl Ether
Concen: 9.523 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



Tgt Ion: 73 Resp: 879026
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 8.986 ppbv

RT: 5.243 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040997.D

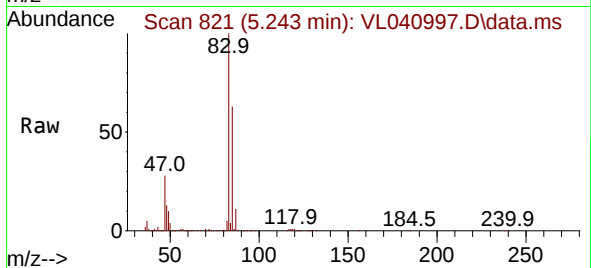
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324



Tgt Ion: 83 Resp: 1772384

Ion Ratio Lower Upper

83 100

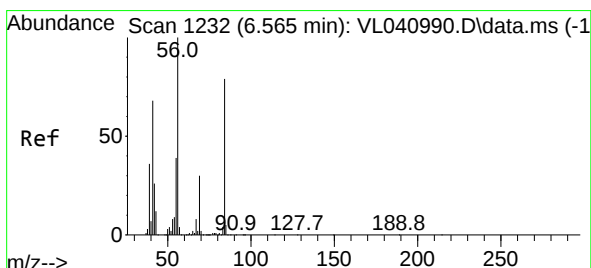
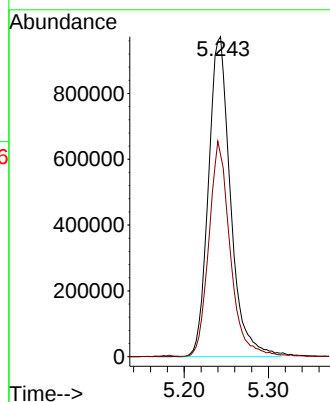
85 63.1 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 9.795 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

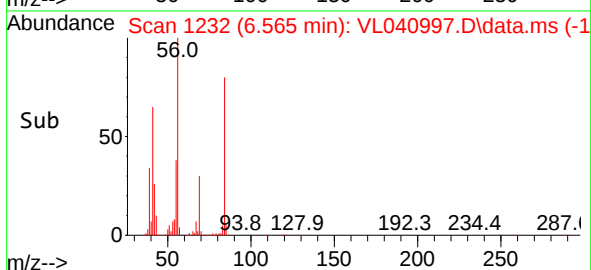
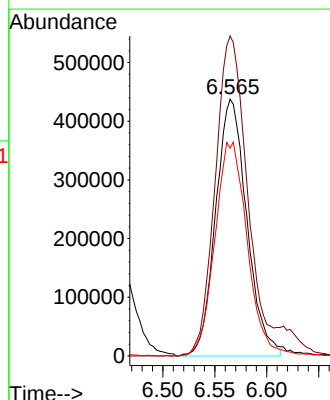
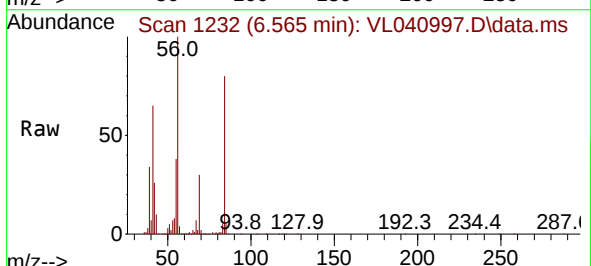
Tgt Ion: 84 Resp: 912728

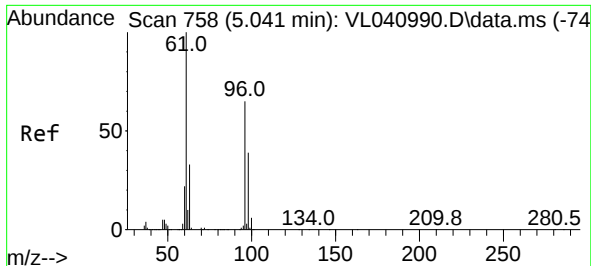
Ion Ratio Lower Upper

84 100

56 136.2 111.7 167.5

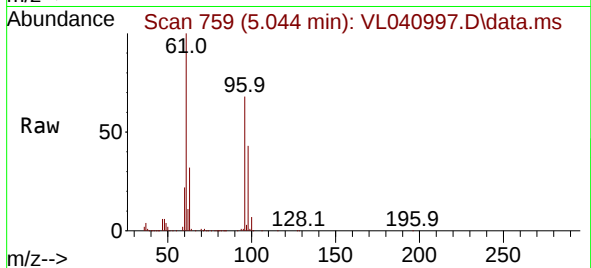
41 87.0 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.872 ppbv
 RT: 5.044 min Scan# 758
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

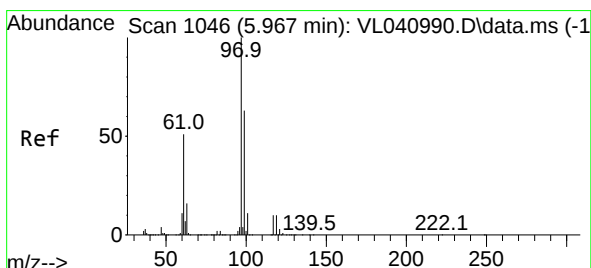
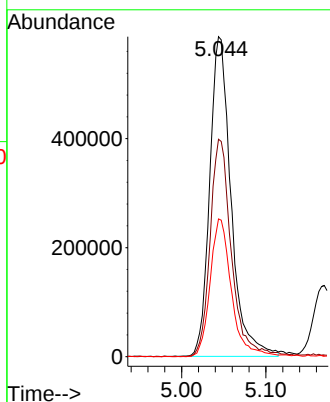
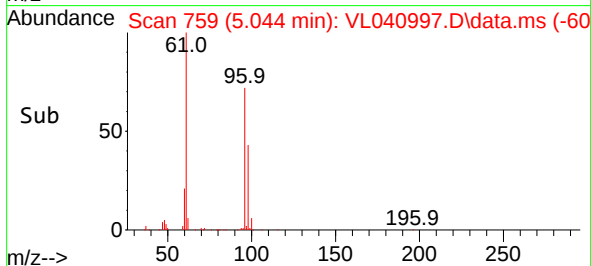
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324



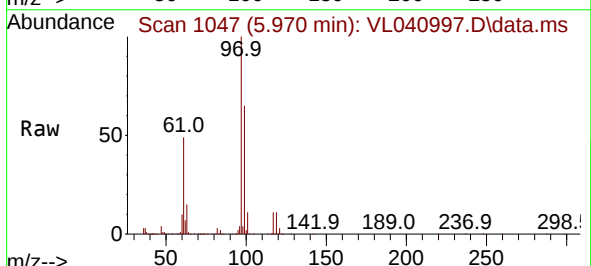
Tgt Ion: 61 Resp: 103038
 Ion Ratio Lower Upper
 61 100
 96 67.9 51.9 77.9
 98 43.0 31.5 47.3

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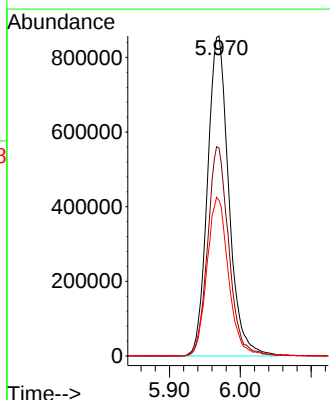
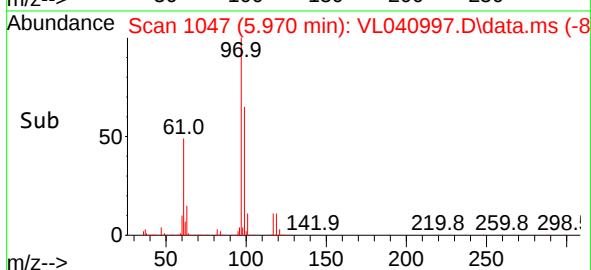
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

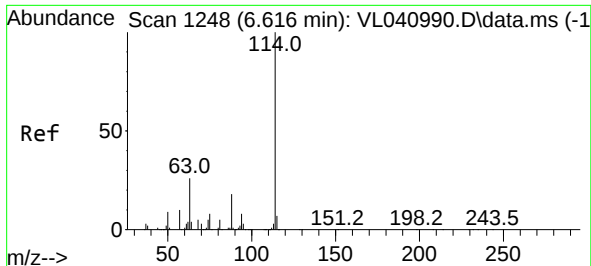


#32
 1,1,1-Trichloroethane
 Concen: 9.480 ppbv
 RT: 5.970 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12



Tgt Ion: 97 Resp: 1787132
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.5 77.3
 61 50.3 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

Tgt Ion:114 Resp: 2886208

Ion Ratio Lower Upper

114 100

63 25.3 20.8 31.2

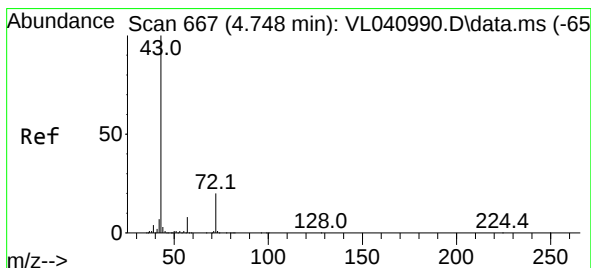
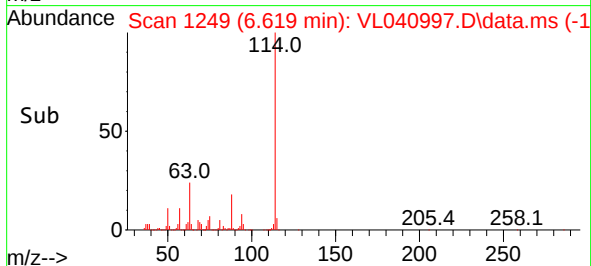
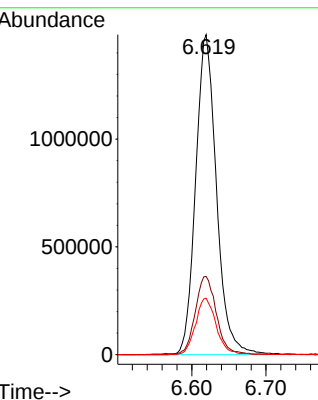
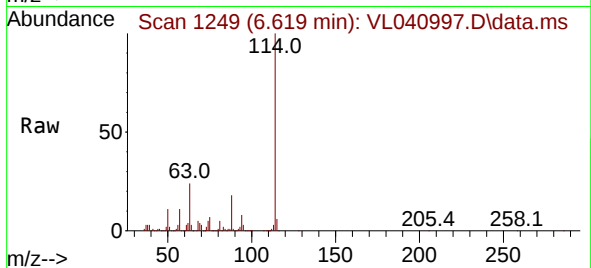
88 17.7 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 9.722 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.003 min

Lab File: VL040997.D

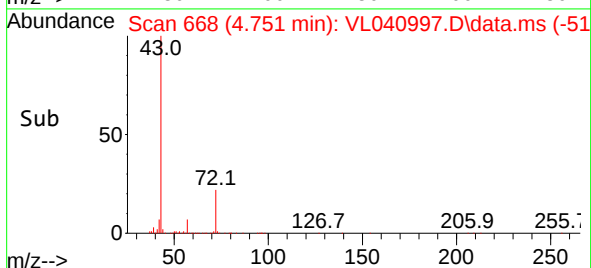
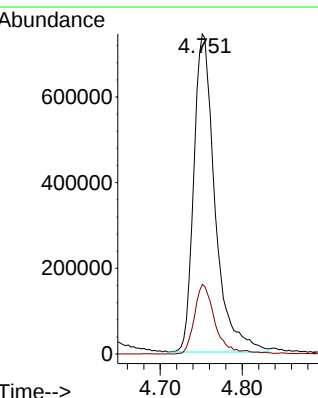
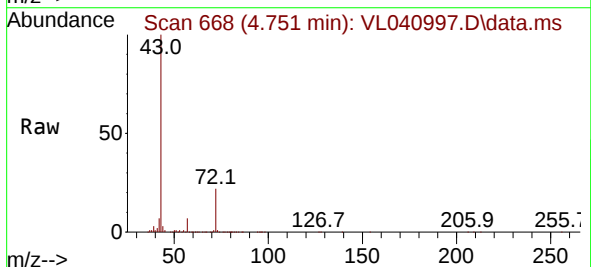
Acq: 23 Jan 2024 14:12

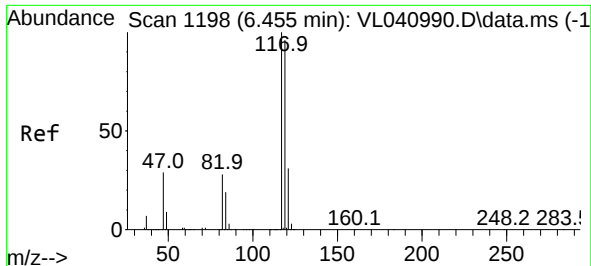
Tgt Ion: 43 Resp: 1336857

Ion Ratio Lower Upper

43 100

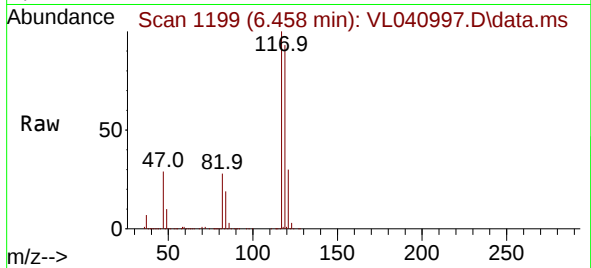
72 21.7 17.5 26.3





#35
Carbon Tetrachloride
Concen: 9.905 ppbv
RT: 6.458 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

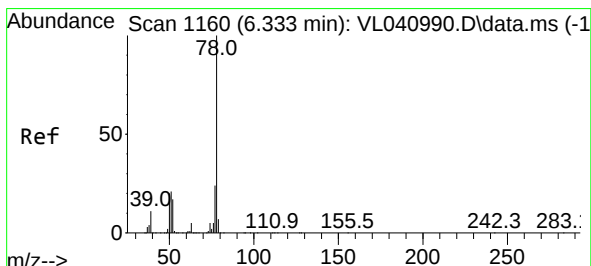
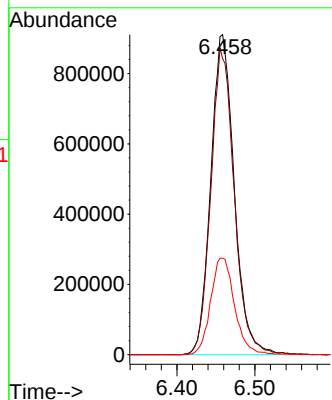
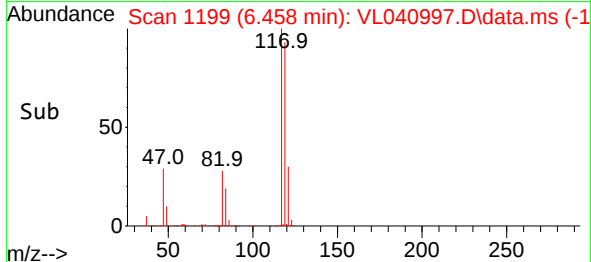
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



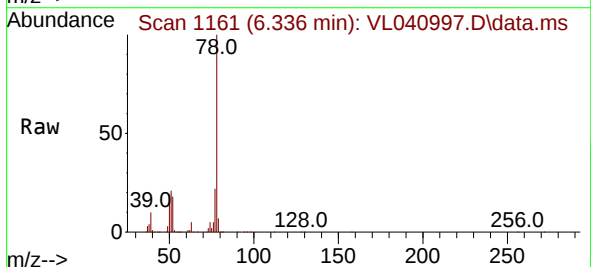
Tgt Ion:117 Resp: 1906324
Ion Ratio Lower Upper
117 100
119 92.5 76.9 115.3
121 30.2 24.7 37.1

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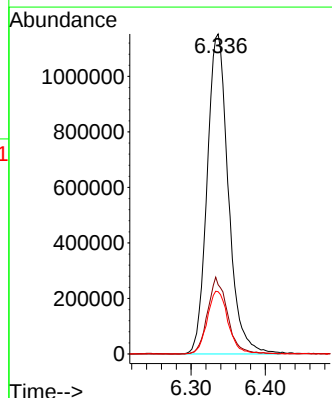
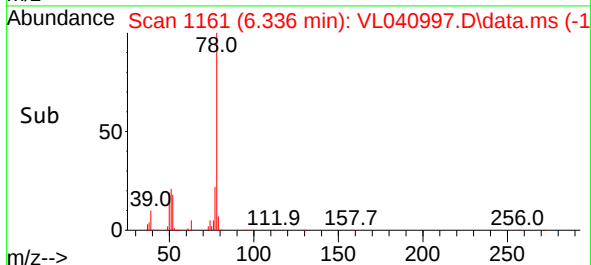
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

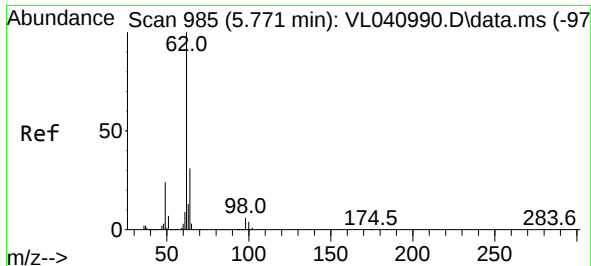


#36
Benzene
Concen: 9.580 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



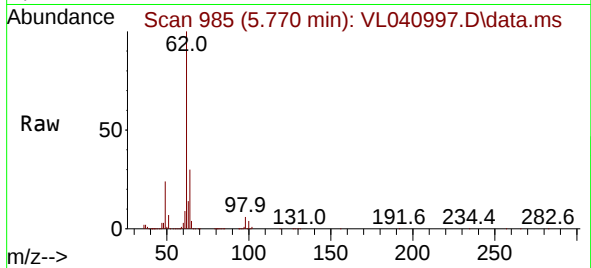
Tgt Ion: 78 Resp: 2283528
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.4
50 19.4 15.8 23.6





#37
1,2-Dichloroethane
Concen: 9.366 ppbv
RT: 5.770 min Scan# 985
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

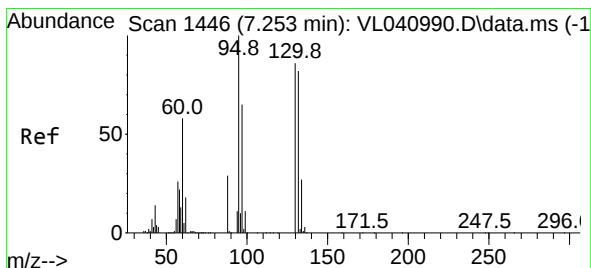
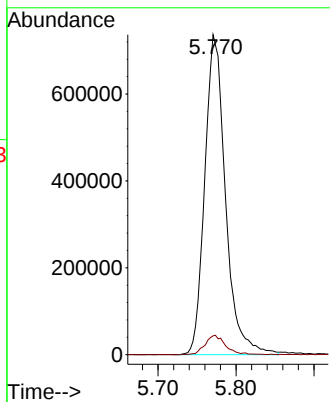
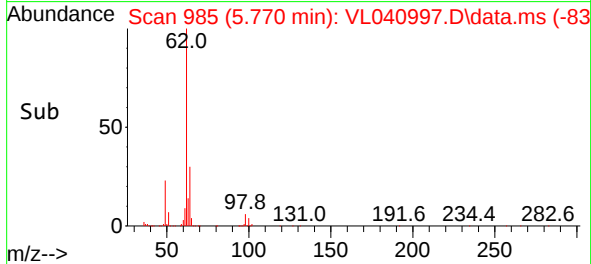
Instrument : MSVOA_L
Client Sample Id : ICVVL012324



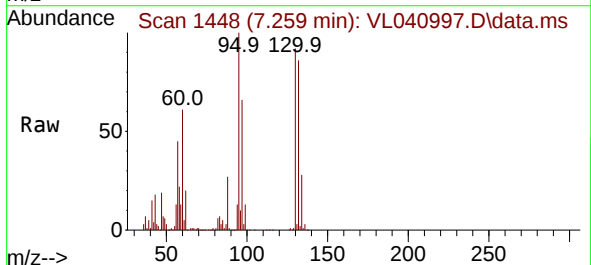
Tgt Ion: 62 Resp: 136237
Ion Ratio Lower Upper
62 100
98 6.1 4.7 7.1

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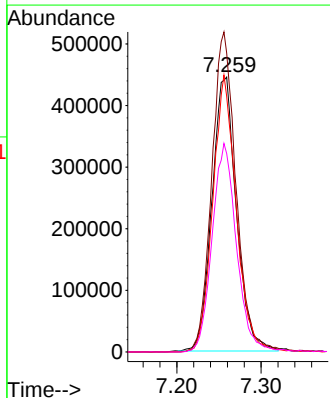
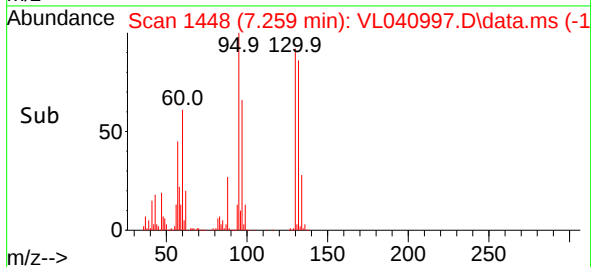
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

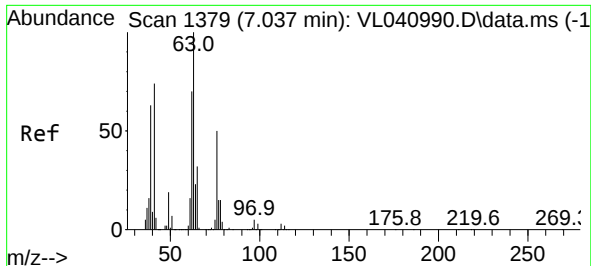


#38
Trichloroethene
Concen: 9.389 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



Tgt Ion:130 Resp: 897200
Ion Ratio Lower Upper
130 100
95 109.1 92.9 139.3
132 93.2 76.2 114.2
97 72.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.441 ppbv

RT: 7.037 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

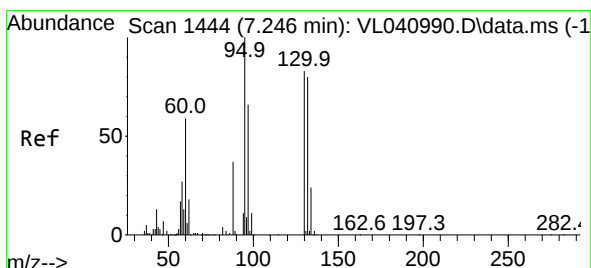
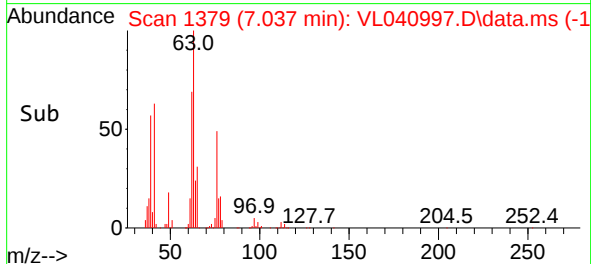
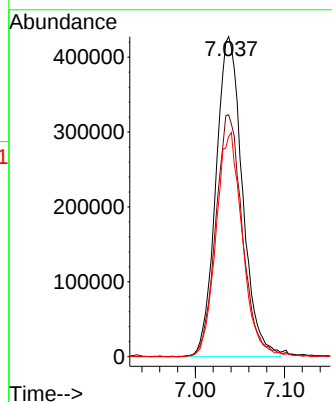
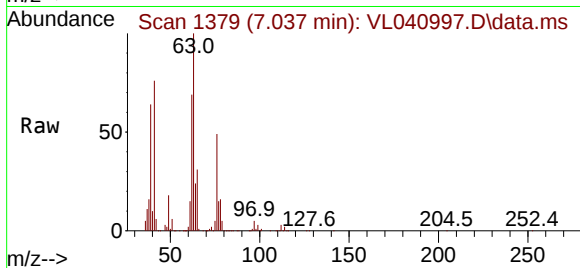
Tgt Ion: 63 Resp: 88658

Ion	Ratio	Lower	Upper
63	100		
41	75.4	59.6	89.4
62	68.8	55.6	83.4

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 9.869 ppbv

RT: 7.246 min Scan# 1444

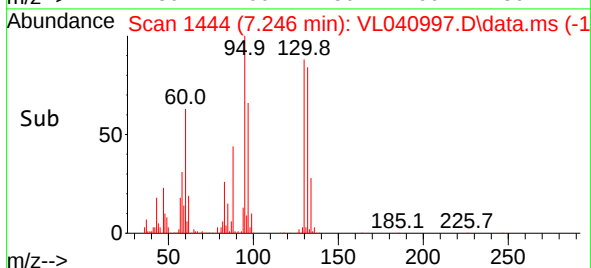
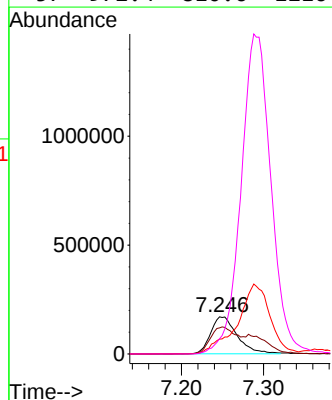
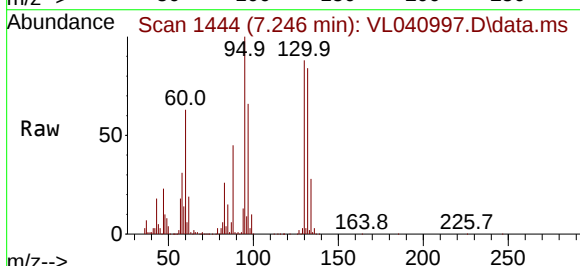
Delta R.T. -0.000 min

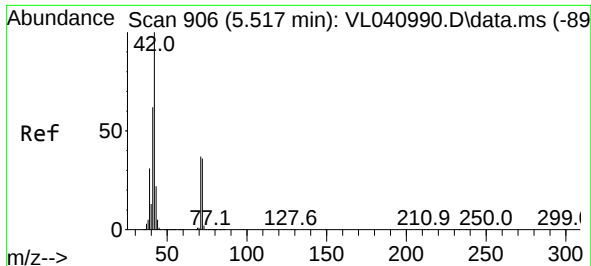
Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Tgt Ion: 88 Resp: 384899

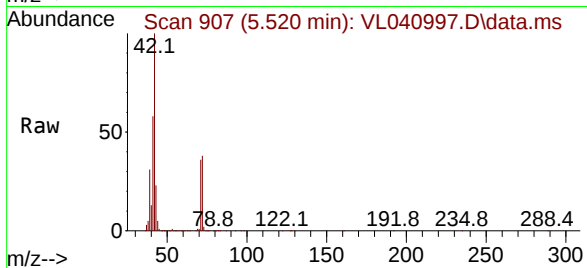
Ion	Ratio	Lower	Upper
88	100		
58	117.8	96.6	144.8
43	228.5	191.0	286.6
57	972.4	810.6	1216.0





#41
Tetrahydrofuran
Concen: 10.258 ppbv
RT: 5.520 min Scan# 906
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

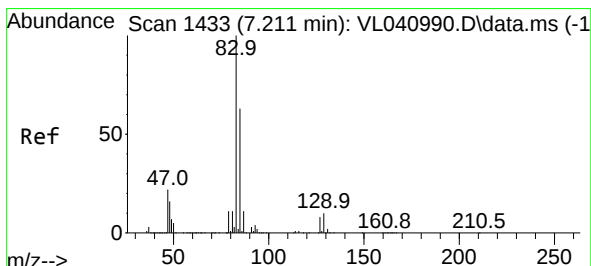
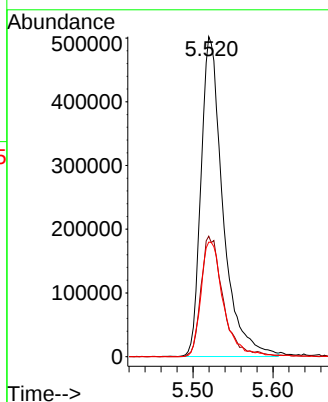
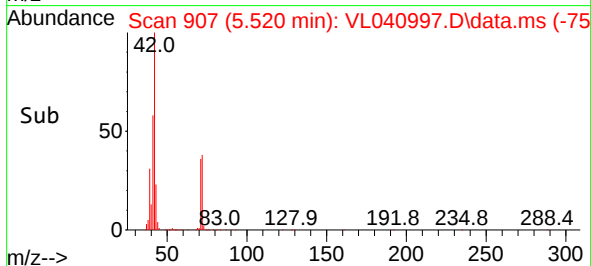
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion: 42 Resp: 957718
Ion Ratio Lower Upper
42 100
72 38.6 30.0 45.0
71 37.3 29.5 44.3

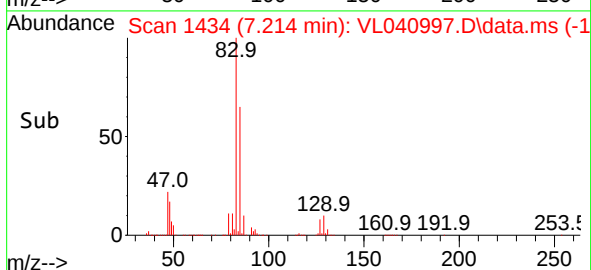
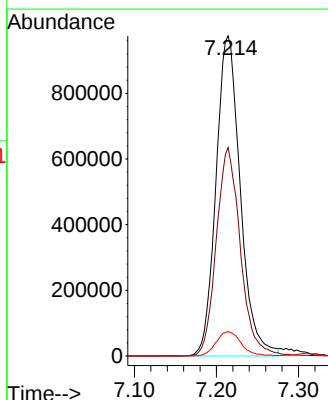
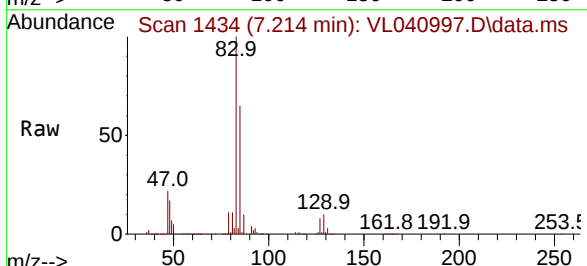
Manual Integrations
APPROVED

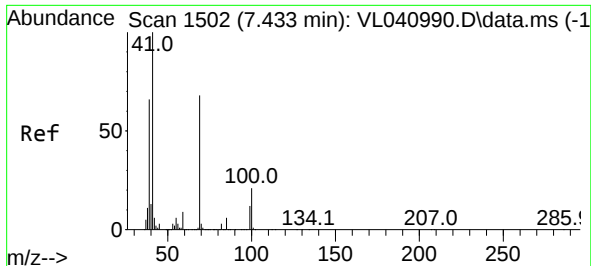
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
Bromodichloromethane
Concen: 9.657 ppbv
RT: 7.214 min Scan# 1434
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

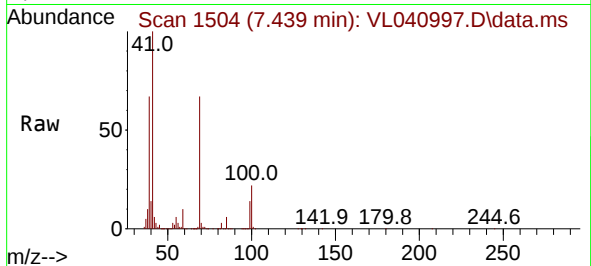
Tgt Ion: 83 Resp: 2010011
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.197 ppbv
RT: 7.439 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

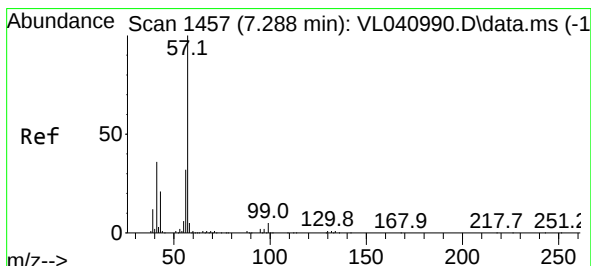
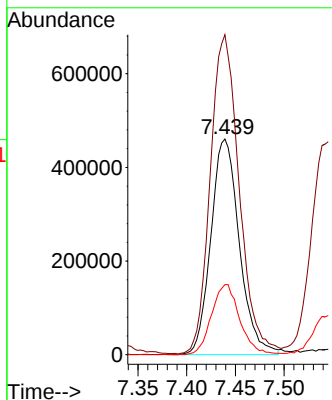
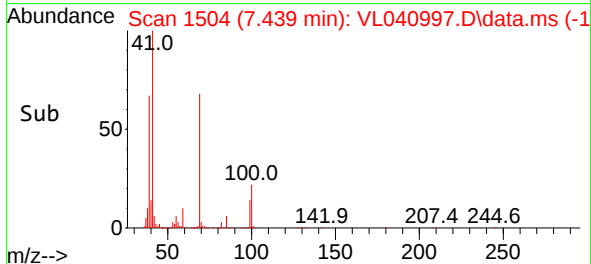
Instrument :
MSVOA_L
Client Sample Id :
ICVVL012324



Tgt Ion: 69 Resp: 937968
Ion Ratio Lower Upper
69 100
41 150.3 120.2 180.2
100 32.2 24.6 36.8

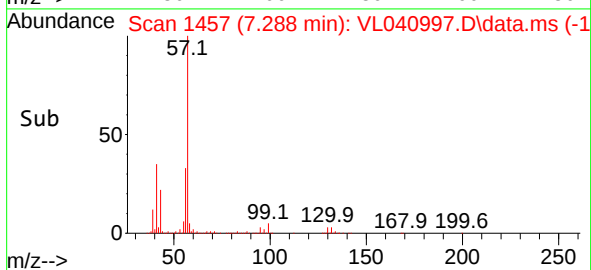
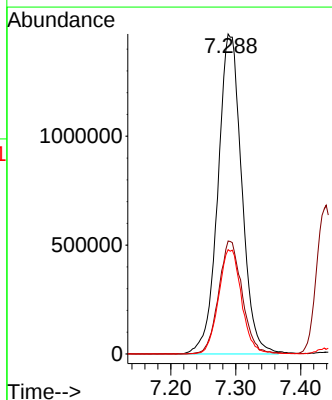
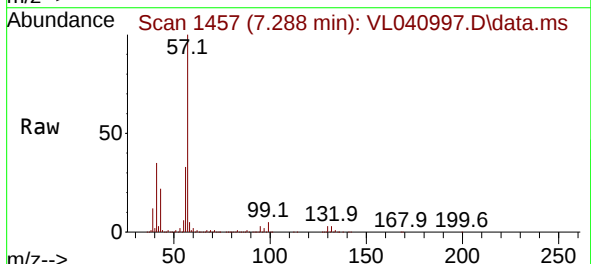
Manual Integrations
APPROVED

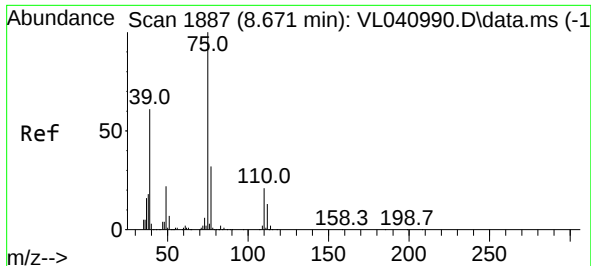
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 9.305 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion: 57 Resp: 3732102
Ion Ratio Lower Upper
57 100
41 34.9 28.6 43.0
56 31.6 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.103 ppbv
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

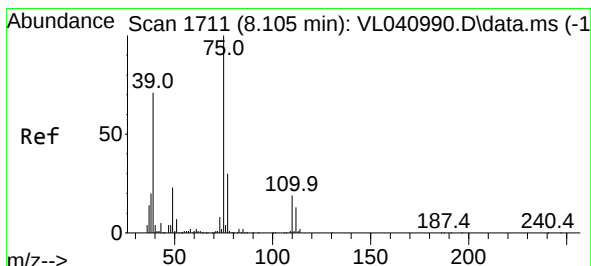
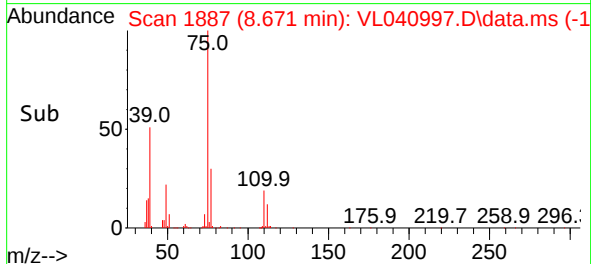
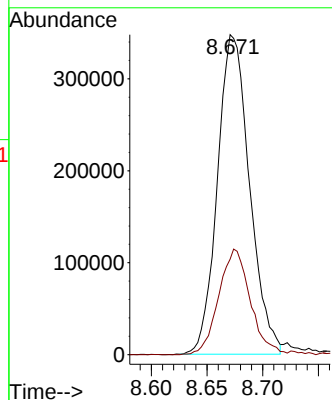
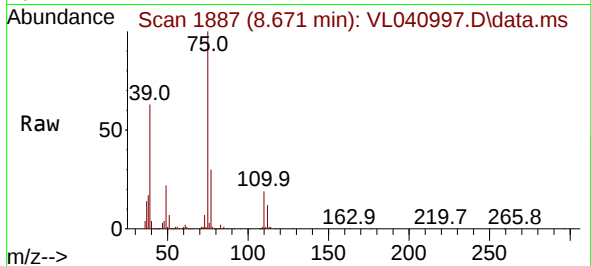
ICVVL012324

Tgt Ion: 75 Resp: 69782
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

Manual Integrations

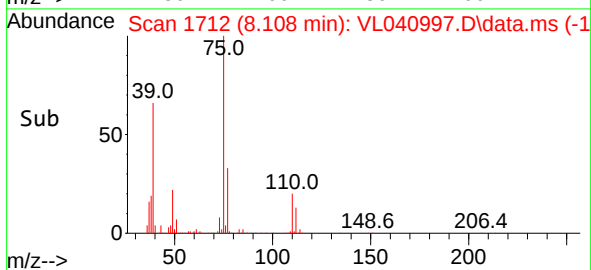
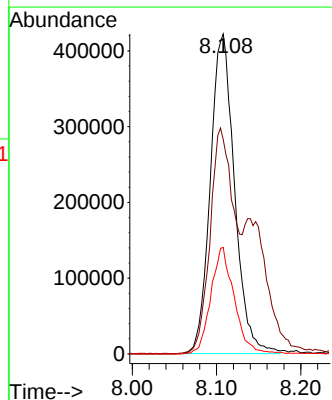
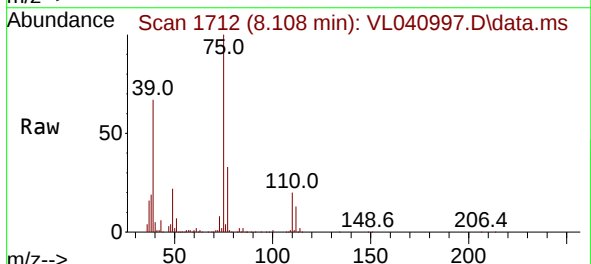
APPROVED

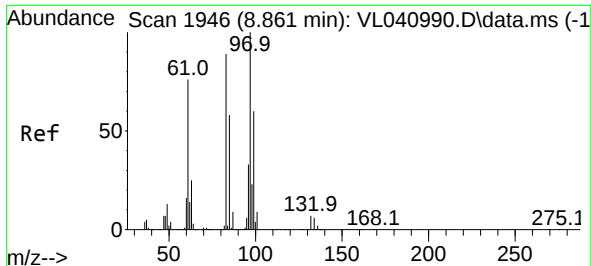
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#46
cis-1,3-Dichloropropene
Concen: 10.750 ppbv
RT: 8.108 min Scan# 1712
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

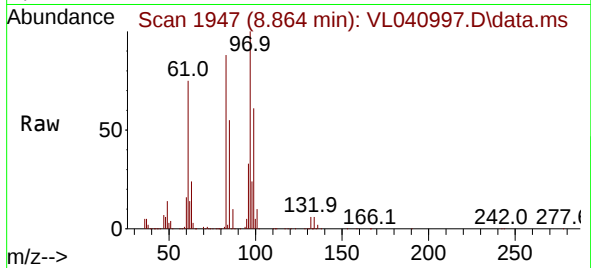
Tgt Ion: 75 Resp: 842575
Ion Ratio Lower Upper
75 100
39 66.8 57.3 85.9
77 33.3 24.3 36.5





#47
1,1,2-Trichloroethane
Concen: 9.535 ppbv
RT: 8.864 min Scan# 1946
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

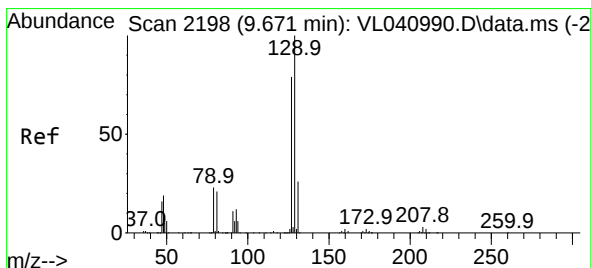
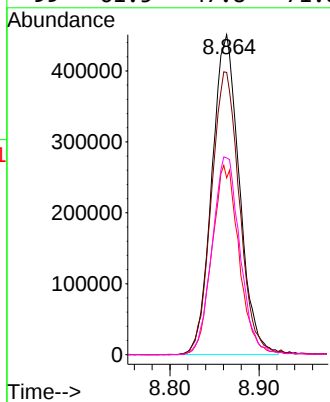
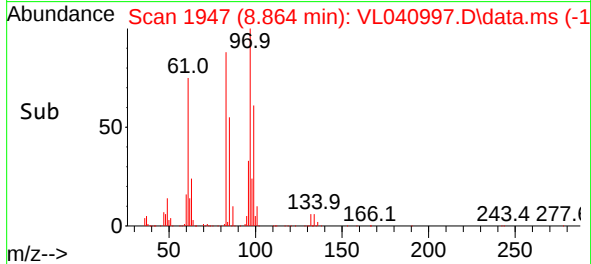
Instrument : MSVOA_L
ClientSampleId : ICVVL012324



Tgt Ion: 97 Resp: 965125
Ion Ratio Lower Upper
97 100
83 88.2 71.5 107.3
85 55.2 46.1 69.1
99 61.5 47.8 71.8

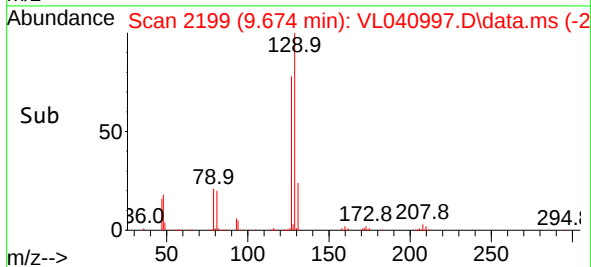
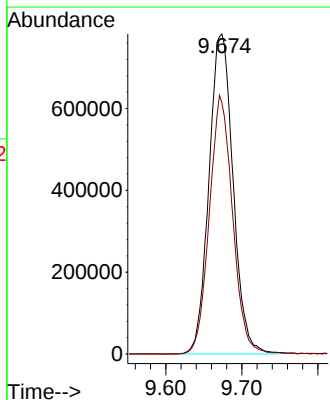
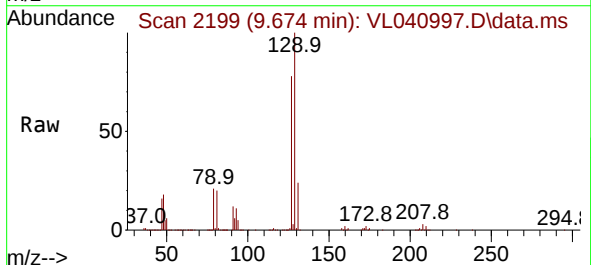
Manual Integrations
APPROVED

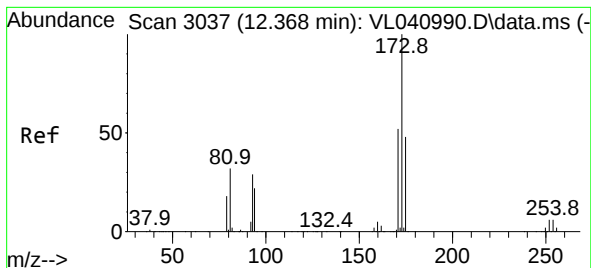
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Dibromochloromethane
Concen: 10.074 ppbv
RT: 9.674 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:129 Resp: 1723776
Ion Ratio Lower Upper
129 100
127 78.0 39.6 119.0





#49

Bromoform

Concen: 10.351 ppbv

RT: 12.371 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

Tgt Ion:173 Resp: 1389318

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

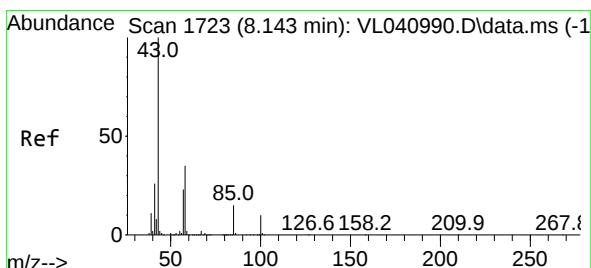
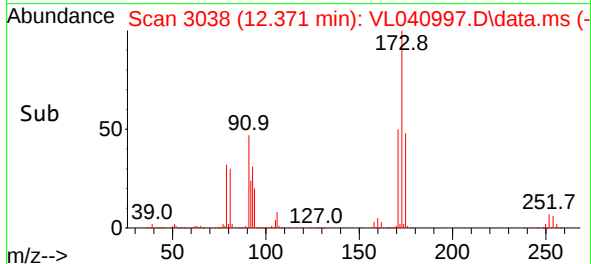
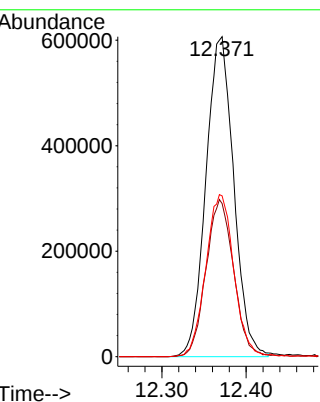
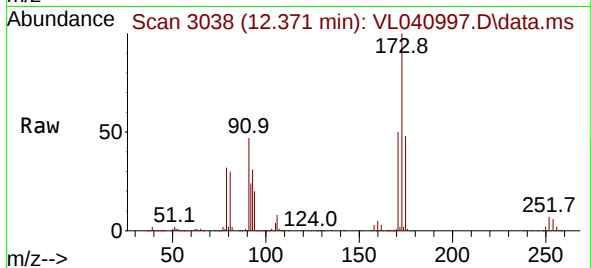
171 51.3 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#50

4-Methyl-2-Pentanone

Concen: 9.868 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VL040997.D

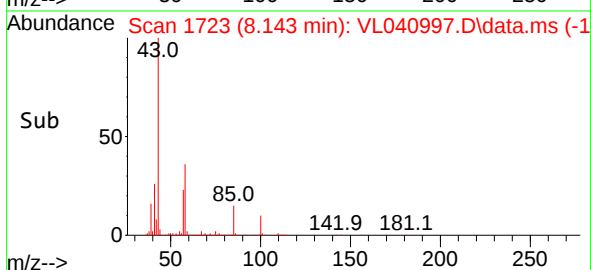
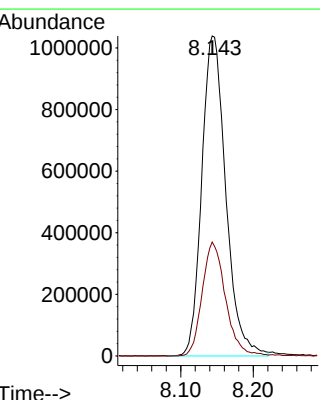
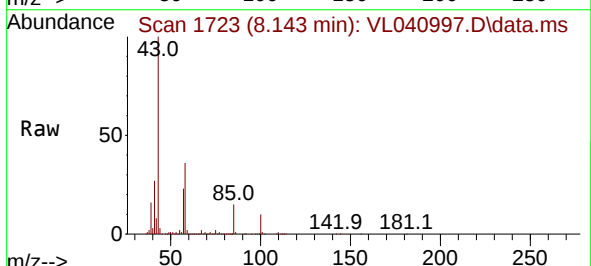
Acq: 23 Jan 2024 14:12

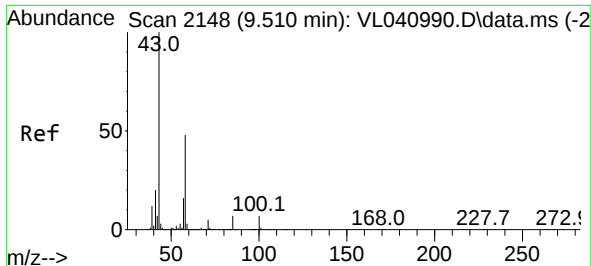
Tgt Ion: 43 Resp: 2389641

Ion Ratio Lower Upper

43 100

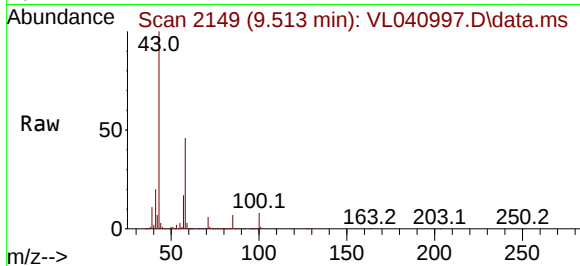
58 34.8 27.8 41.8





#51
2-Hexanone
Concen: 10.018 ppbv
RT: 9.513 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

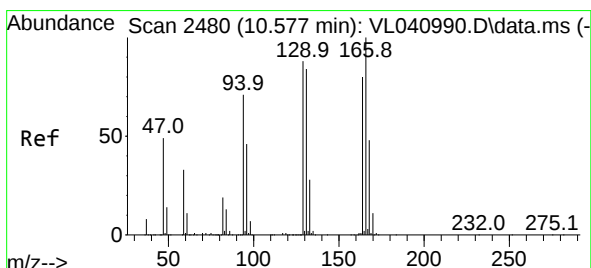
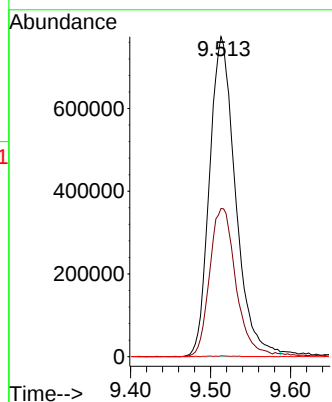
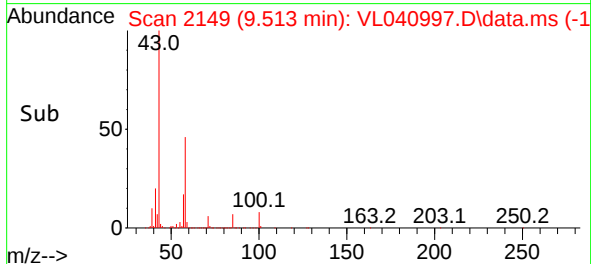
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion: 43 Resp: 174864
Ion Ratio Lower Upper
43 100
58 47.9 36.8 55.2
98 0.3 0.3 0.5

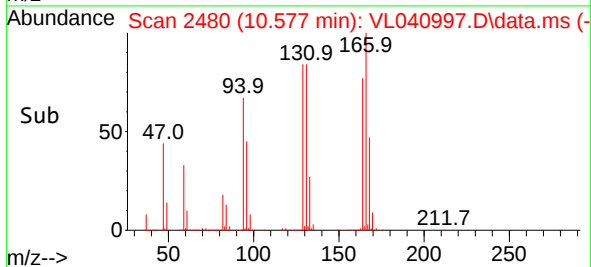
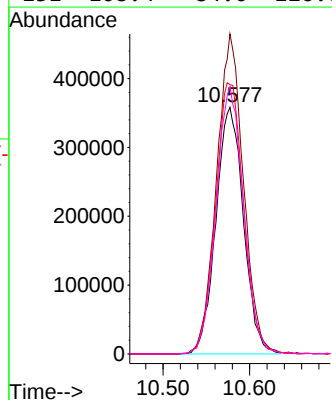
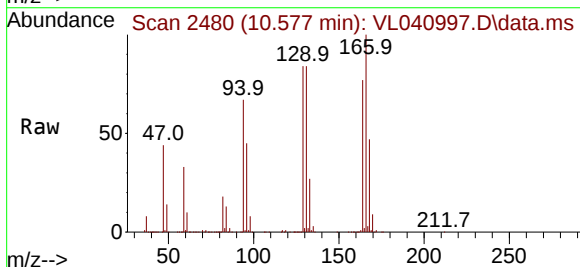
Manual Integrations
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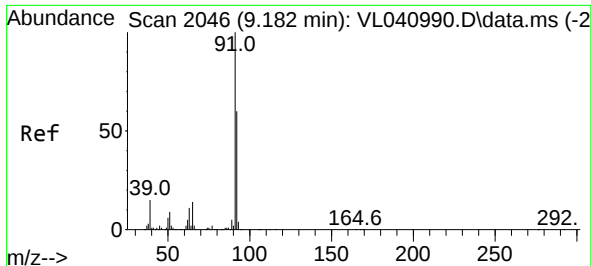
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 9.988 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

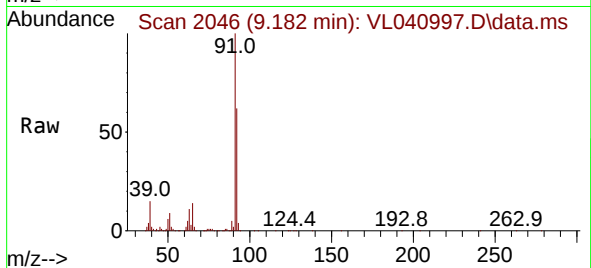
Tgt Ion:164 Resp: 790643
Ion Ratio Lower Upper
164 100
166 129.7 100.2 150.2
129 109.0 87.9 131.9
131 108.4 84.0 126.0





#53
Toluene
Concen: 9.943 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

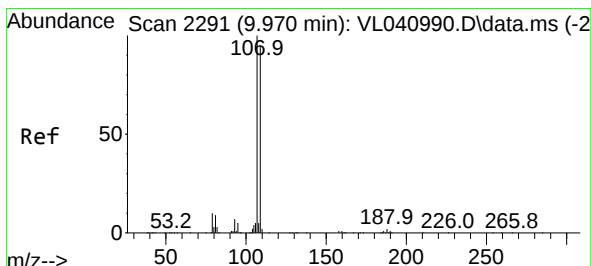
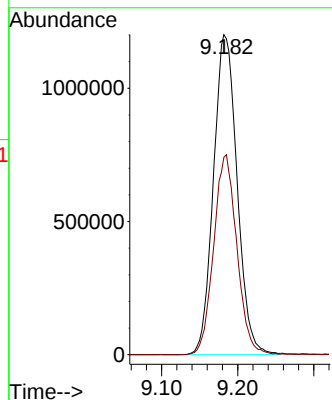
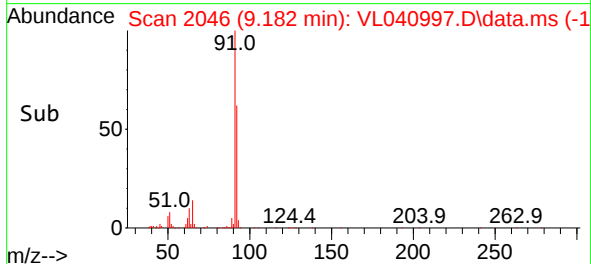
Instrument : MSVOA_L
ClientSampleId : ICVVL012324



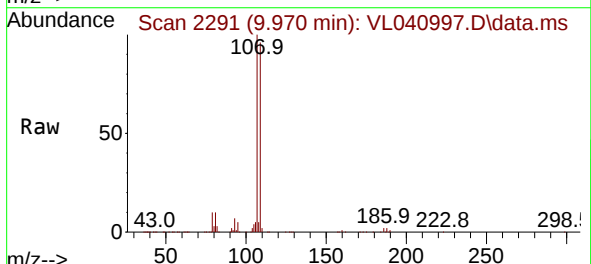
Tgt Ion: 91 Resp: 259651
Ion Ratio Lower Upper
91 100
92 61.3 48.6 72.8

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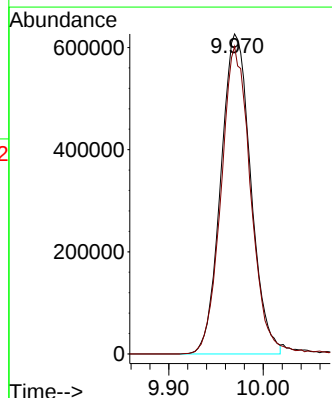
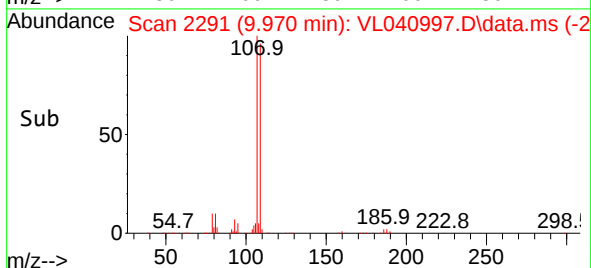
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

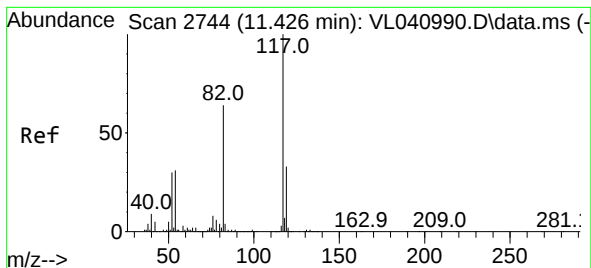


#54
1,2-Dibromoethane
Concen: 10.061 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



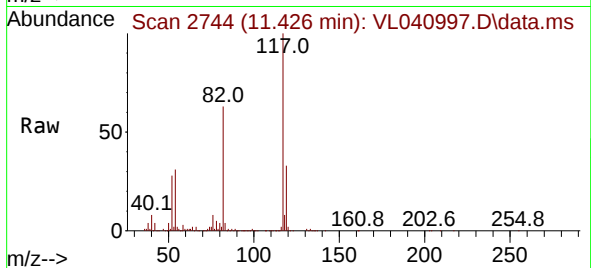
Tgt Ion:107 Resp: 1379115
Ion Ratio Lower Upper
107 100
109 96.1 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

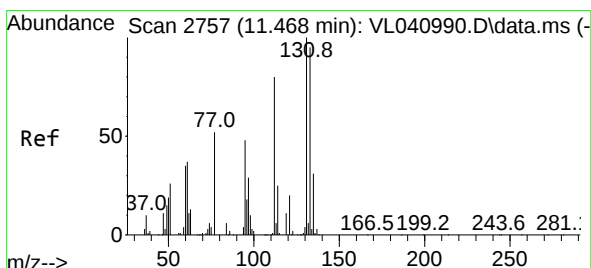
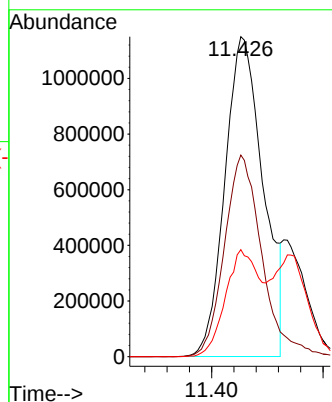
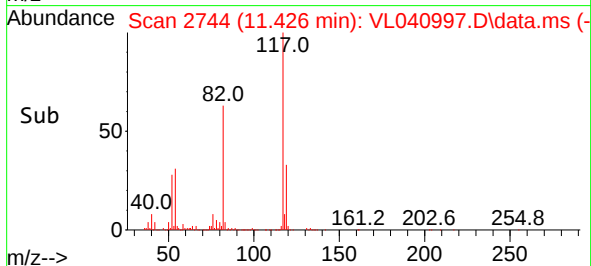
Instrument : MSVOA_L
ClientSampleId : ICVVL012324



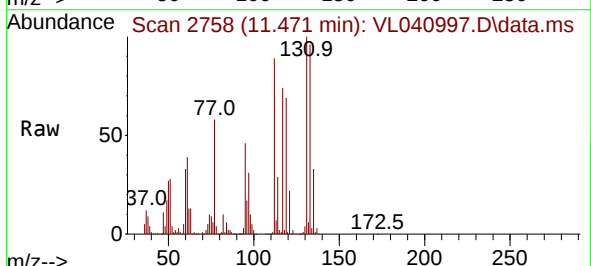
Tgt Ion:117 Resp: 2744800
Ion Ratio Lower Upper
117 100
82 62.3 51.7 77.5
119 32.2 23.8 35.6

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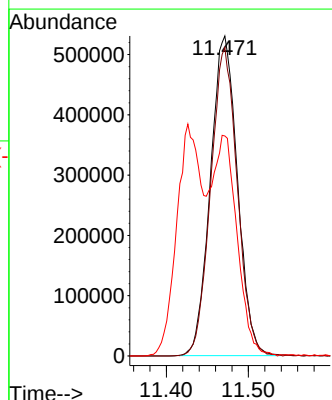
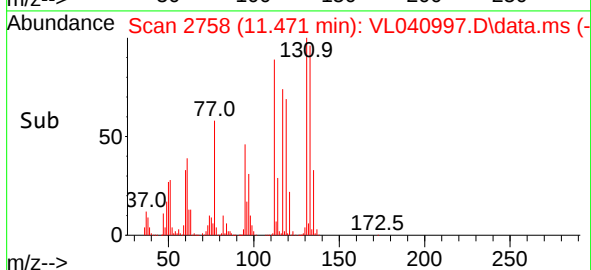
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

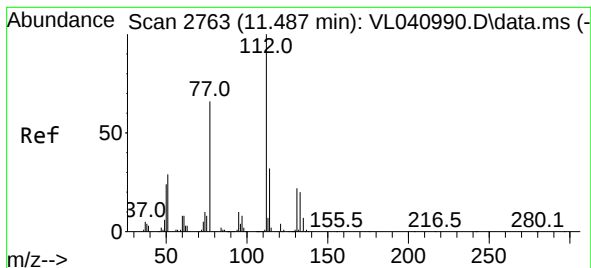


#56
1,1,1,2-Tetrachloroethane
Concen: 9.235 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



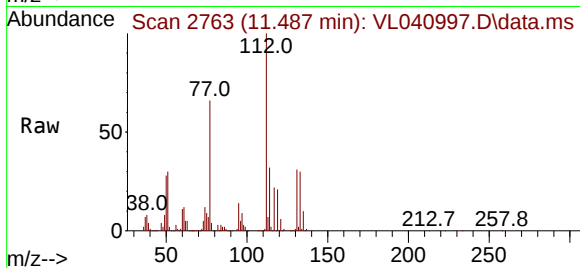
Tgt Ion:131 Resp: 1216208
Ion Ratio Lower Upper
131 100
133 95.3 75.9 113.9
119 60.9 49.2 73.8





#57
Chlorobenzene
Concen: 9.126 ppbv
RT: 11.487 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

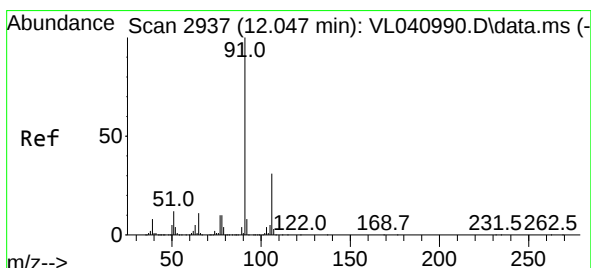
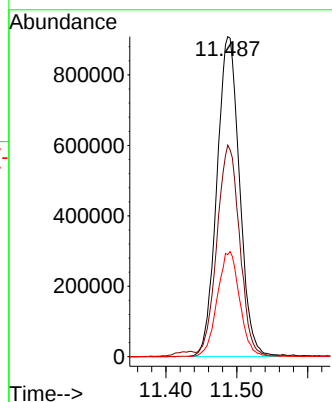
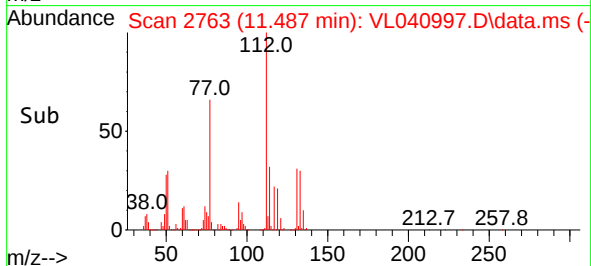
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



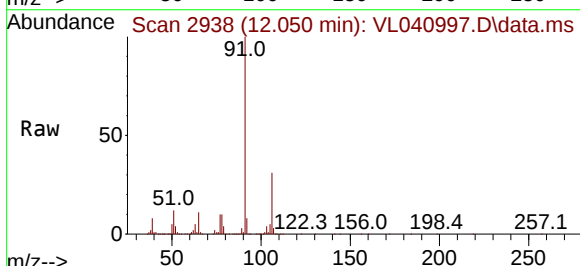
Tgt Ion:112 Resp: 201483
Ion Ratio Lower Upper
112 100
77 65.8 53.4 80.0
114 31.8 29.1 35.5

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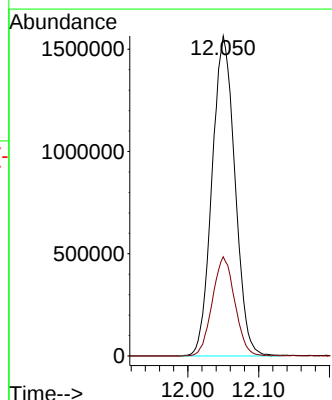
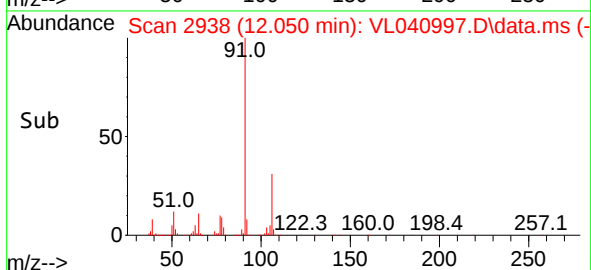
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

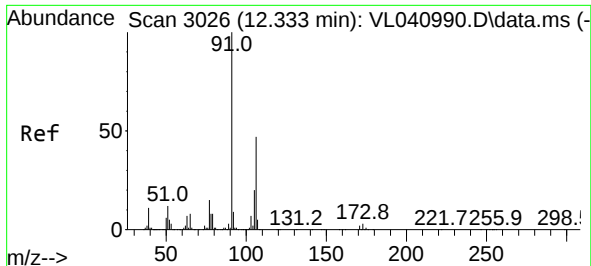


#58
Ethyl Benzene
Concen: 9.549 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



Tgt Ion: 91 Resp: 3519721
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





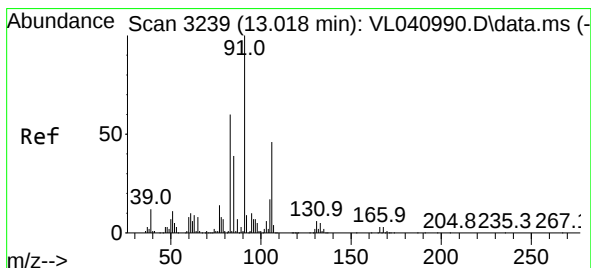
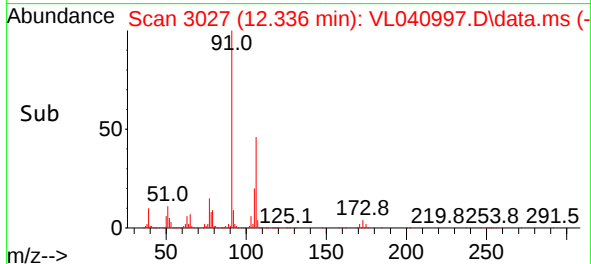
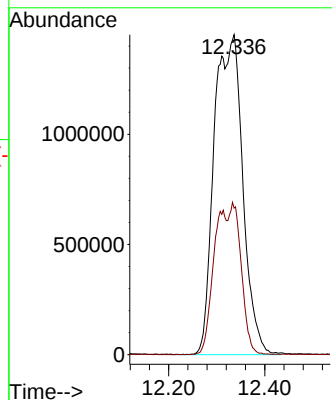
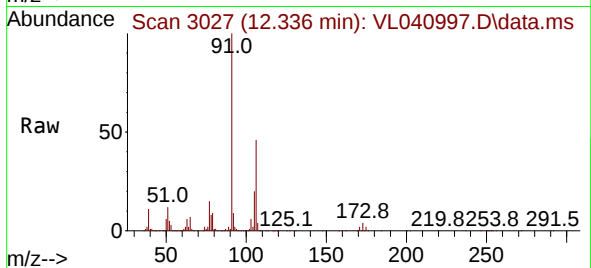
#59
m/p-Xylene
Concen: 18.638 ppbv m
RT: 12.336 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324

Tgt Ion: 91 Resp: 598954
Ion Ratio Lower Upper
91 100
106 44.0 34.9 52.3

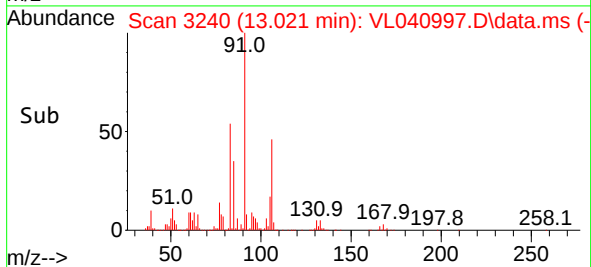
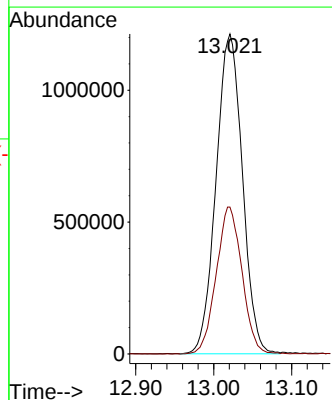
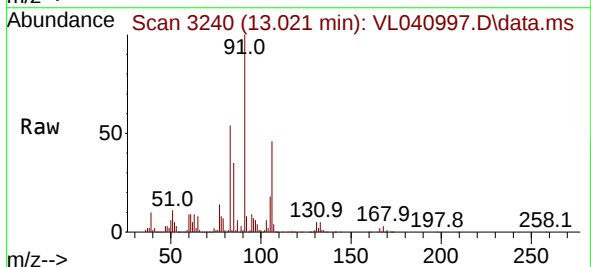
Manual Integrations
APPROVED

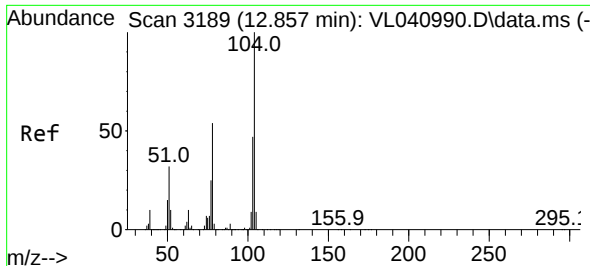
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
o-Xylene
Concen: 9.234 ppbv
RT: 13.021 min Scan# 3240
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

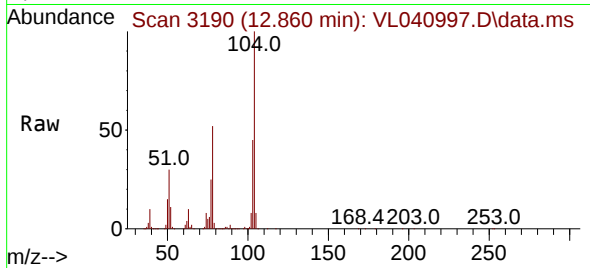
Tgt Ion: 91 Resp: 2847180
Ion Ratio Lower Upper
91 100
106 45.0 22.6 67.7





#61
Styrene
Concen: 10.393 ppbv
RT: 12.860 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

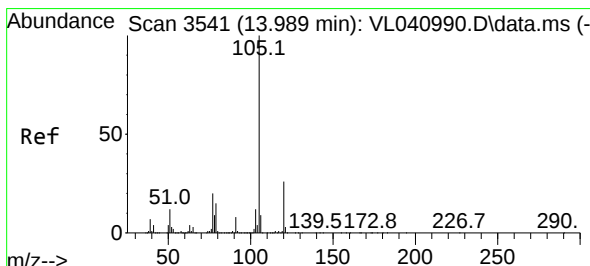
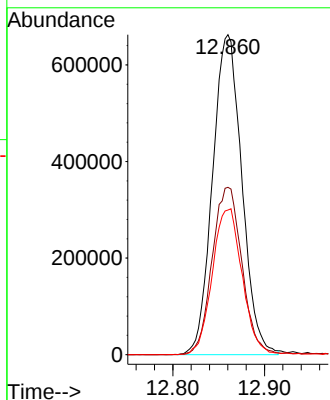
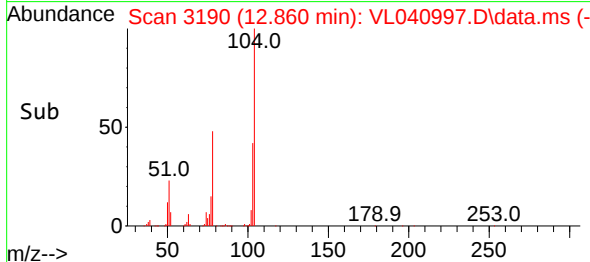
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



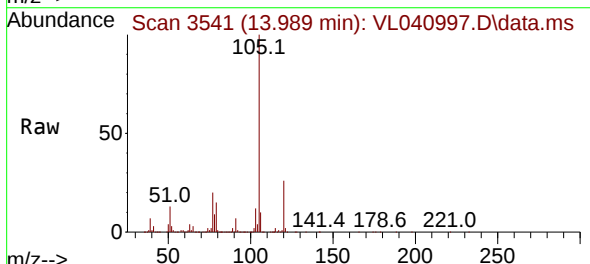
Tgt Ion:104 Resp: 147136
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 46.7 37.6 56.4

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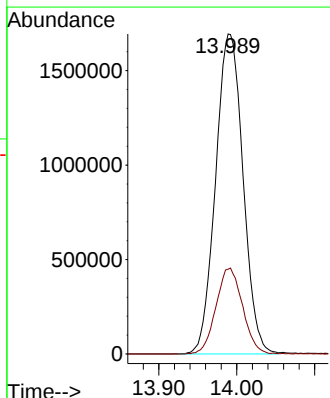
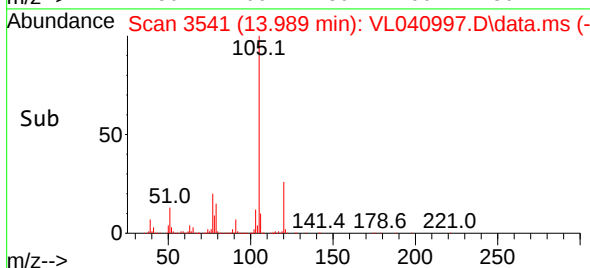
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

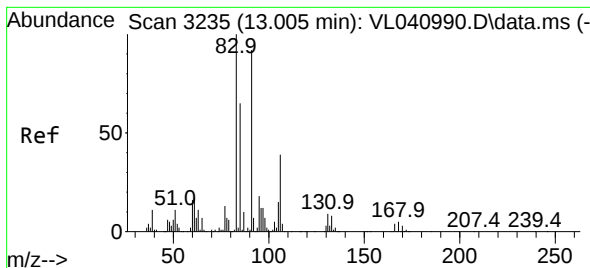


#62
Isopropylbenzene
Concen: 9.095 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



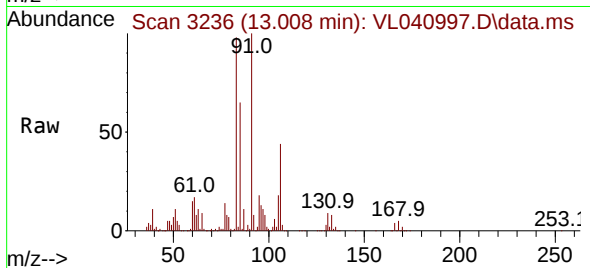
Tgt Ion:105 Resp: 4147259
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.790 ppbv
RT: 13.008 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

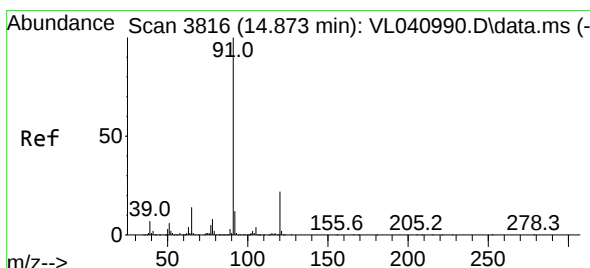
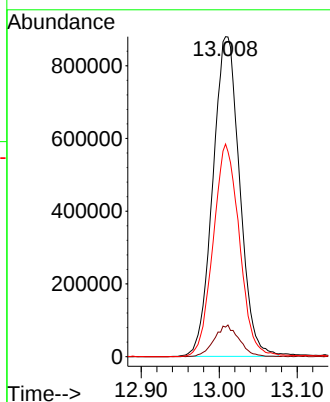
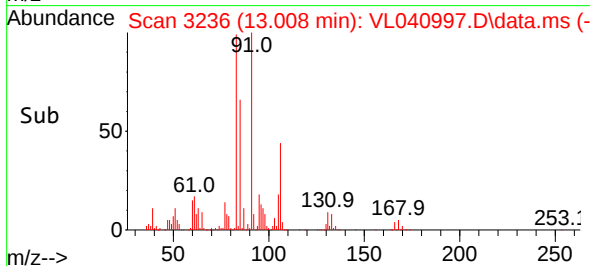
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



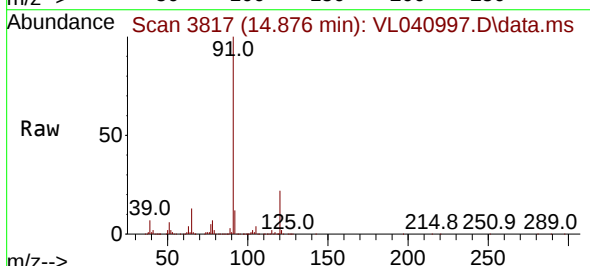
Tgt Ion: 83 Resp: 210637
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.6 33.0 99.0

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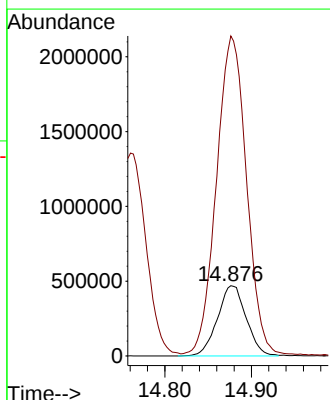
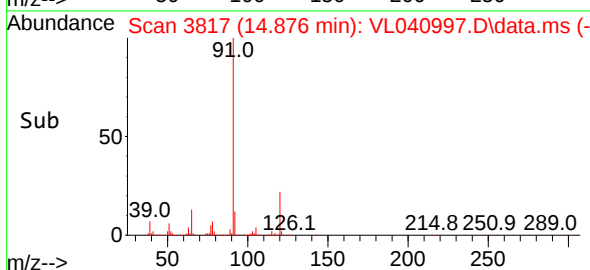
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

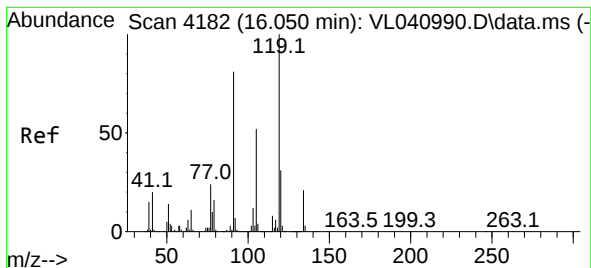


#64
n-propylbenzene
Concen: 9.397 ppbv
RT: 14.876 min Scan# 3817
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



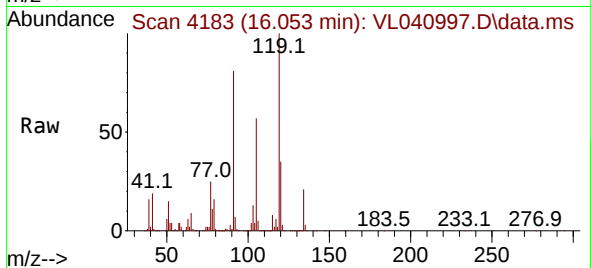
Tgt Ion:120 Resp: 1082560
Ion Ratio Lower Upper
120 100
91 480.5 390.6 585.8





#65
tert-Butylbenzene
Concen: 9.144 ppbv
RT: 16.053 min Scan# 4182
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

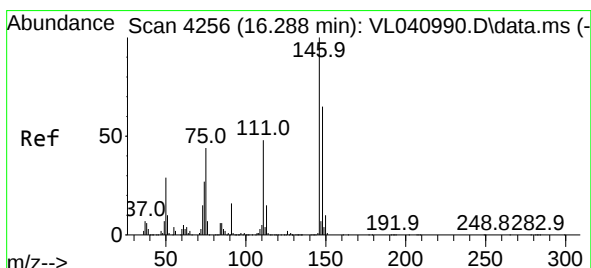
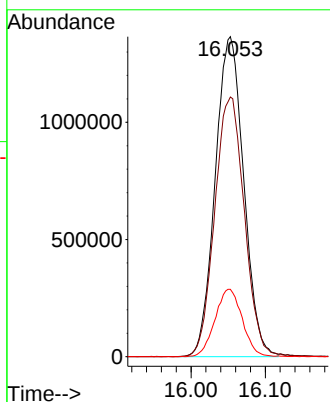
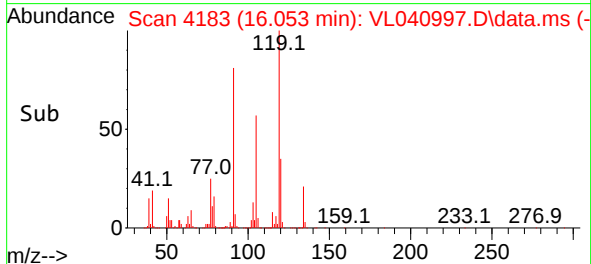
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion:119 Resp: 364306
Ion Ratio Lower Upper
119 100
91 84.5 67.6 101.4
134 20.2 16.1 24.1

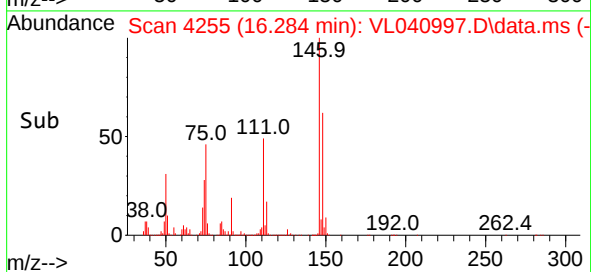
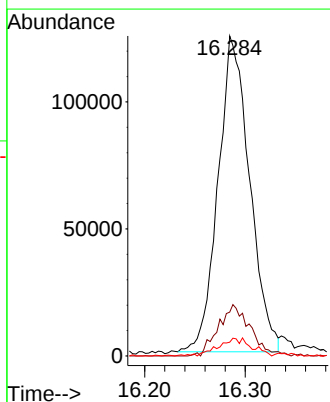
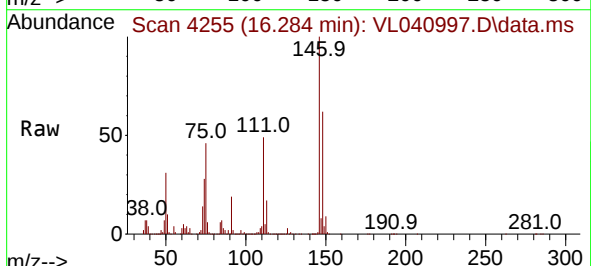
Manual Integrations
APPROVED

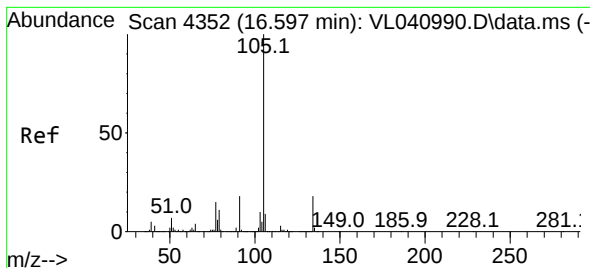
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
Benzyl Chloride
Concen: 10.373 ppbv
RT: 16.284 min Scan# 4255
Delta R.T. -0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

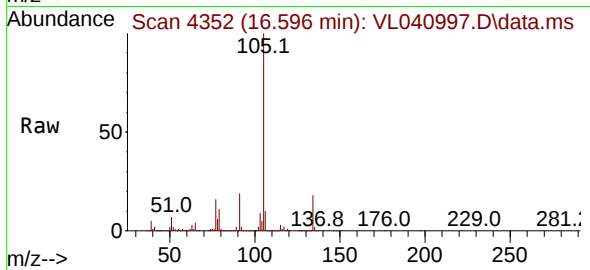
Tgt Ion: 91 Resp: 270797
Ion Ratio Lower Upper
91 100
126 16.7 13.6 20.4
128 6.1 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 8.860 ppbv
 RT: 16.596 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

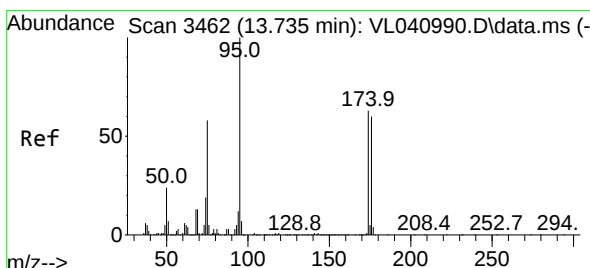
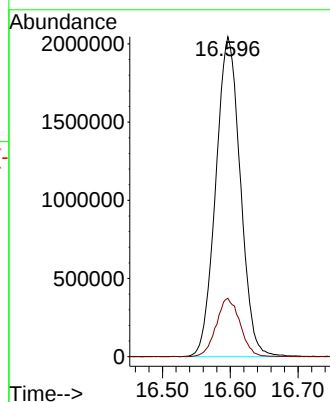
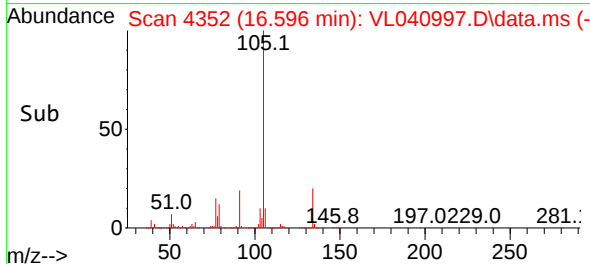
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324



Tgt Ion: 105 Resp: 513972
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

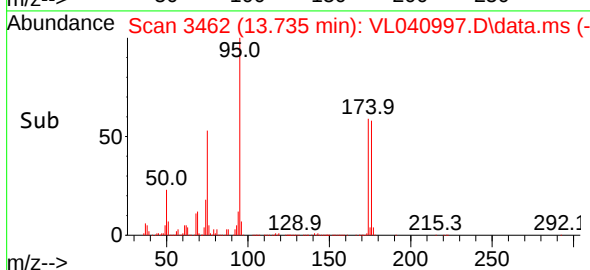
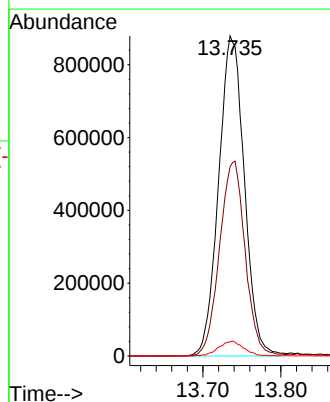
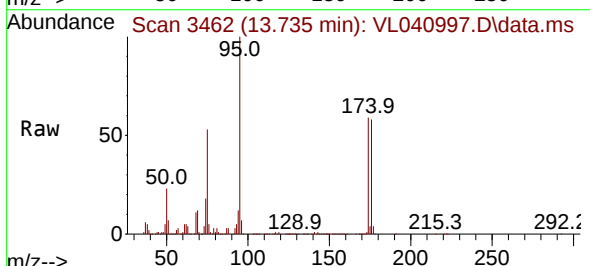
Manual Integrations
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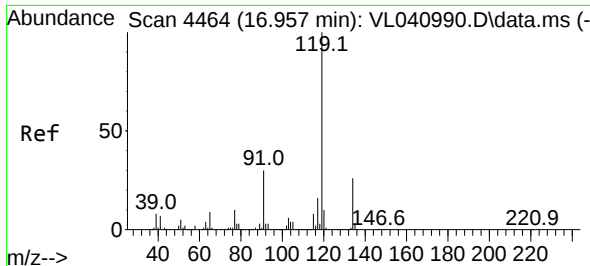
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.712 ppbv
 RT: 13.735 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

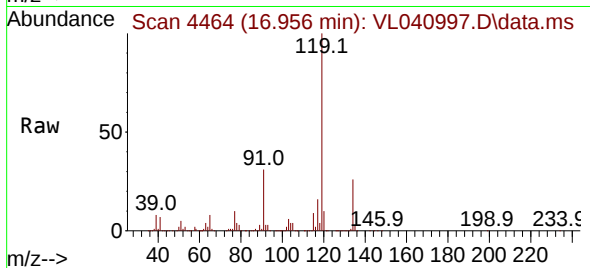
Tgt Ion: 95 Resp: 2013389
 Ion Ratio Lower Upper
 95 100
 174 61.3 49.1 73.7
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.285 ppbv
RT: 16.956 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

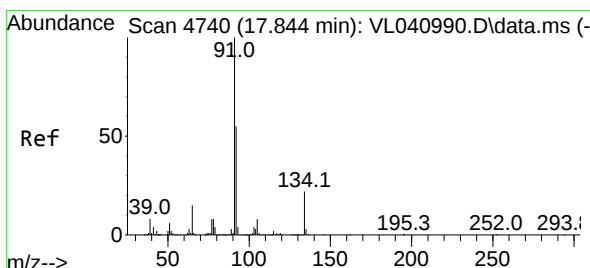
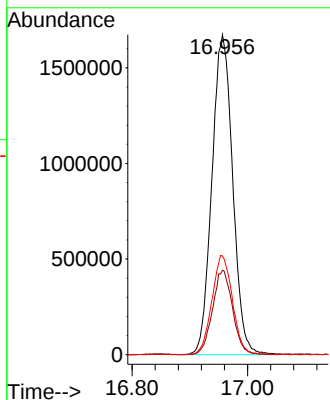
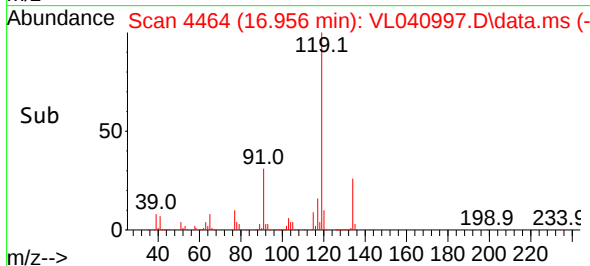
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



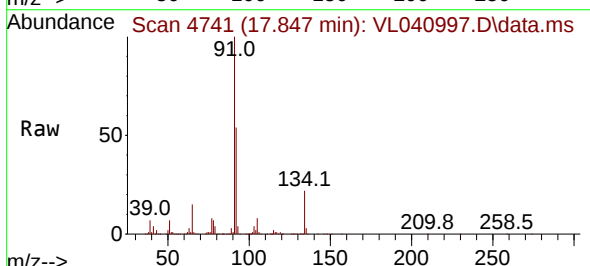
Tgt Ion: 119 Resp: 4172254
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 30.7 24.5 36.7

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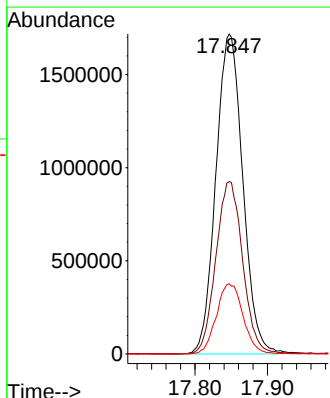
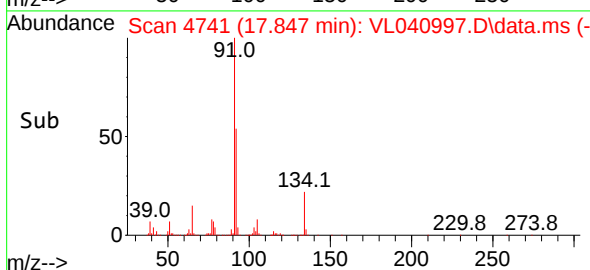
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

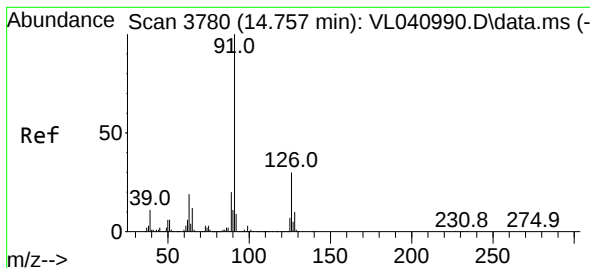


#70
n-Butylbenzene
Concen: 9.110 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



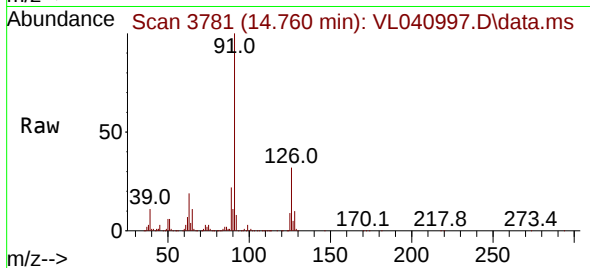
Tgt Ion: 91 Resp: 4423364
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.0
134 21.8 17.4 26.0





#71
2-Chlorotoluene
Concen: 9.170 ppbv
RT: 14.760 min Scan# 3780
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

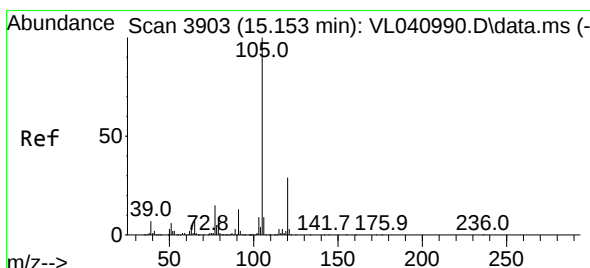
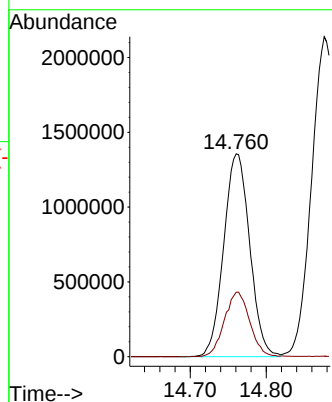
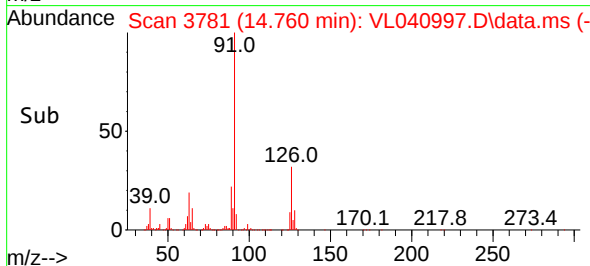
Instrument : MSVOA_L
ClientSampleId : ICVVL012324



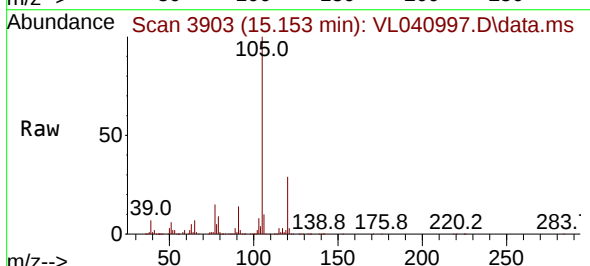
Tgt Ion: 91 Resp: 322640
Ion Ratio Lower Upper
91 100
126 31.1 12.3 49.1

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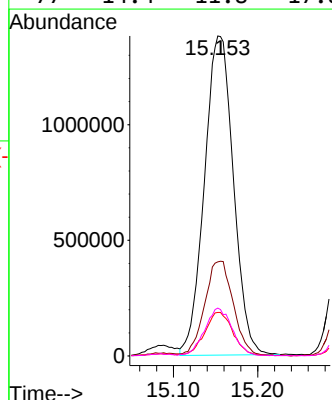
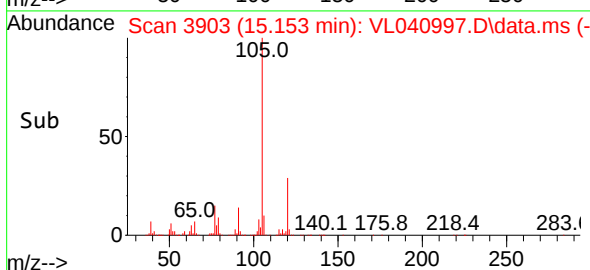
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

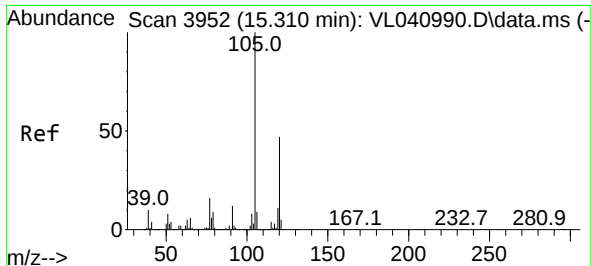


#72
4-Ethyltoluene
Concen: 9.585 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12



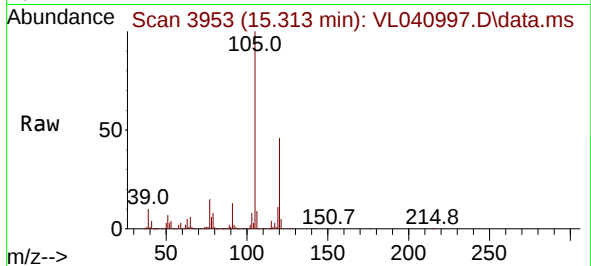
Tgt Ion:105 Resp: 3300553
Ion Ratio Lower Upper
105 100
120 30.4 24.3 36.5
91 13.3 11.0 16.4
77 14.4 11.8 17.8





#73
1,3,5-Trimethylbenzene
Concen: 9.223 ppbv
RT: 15.313 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

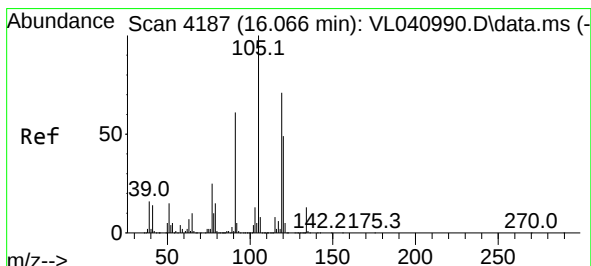
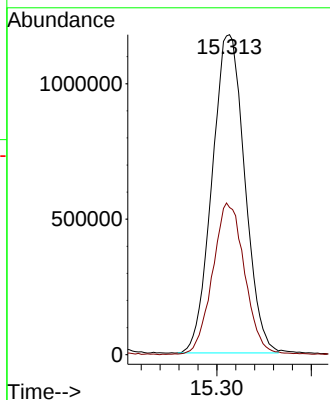
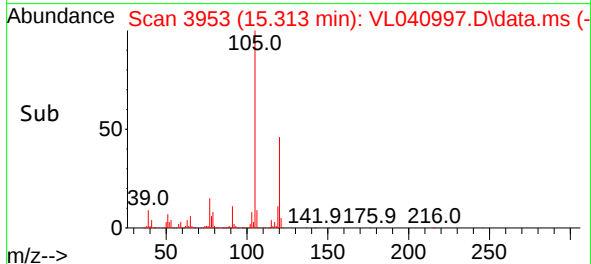
Instrument :
MSVOA_L
ClientSampleId :
ICVVL012324



Tgt Ion:105 Resp: 281879
Ion Ratio Lower Upper
105 100
120 46.0 37.2 55.8

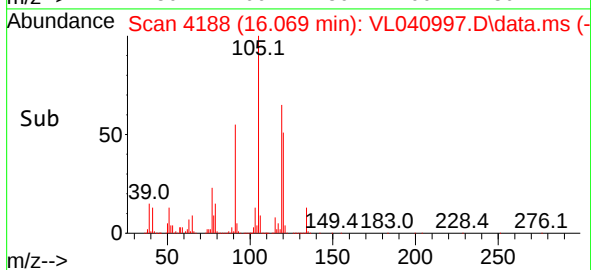
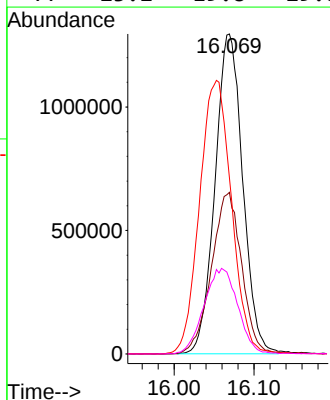
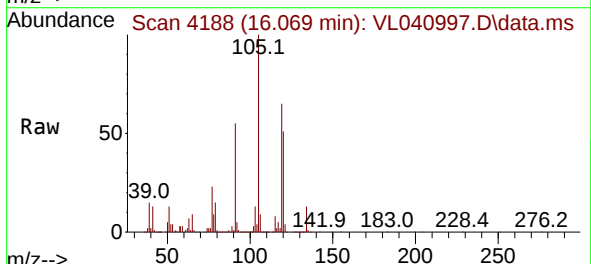
Manual Integrations
APPROVED

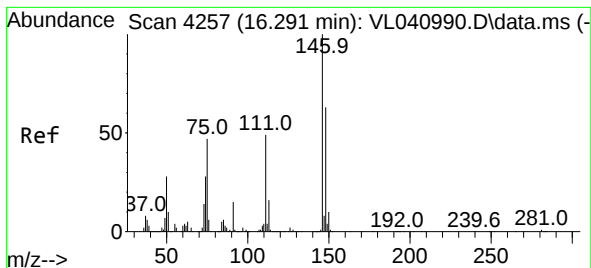
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 8.987 ppbv
RT: 16.069 min Scan# 4188
Delta R.T. 0.003 min
Lab File: VL040997.D
Acq: 23 Jan 2024 14:12

Tgt Ion:105 Resp: 3113384
Ion Ratio Lower Upper
105 100
120 50.3 39.3 58.9
91 54.5 48.7 73.1
77 23.2 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.090 ppbv

RT: 16.291 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040997.D

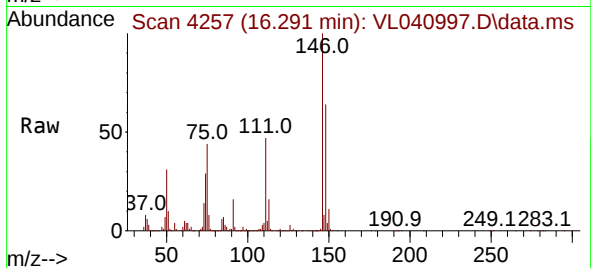
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324



Tgt Ion:146 Resp: 179223

Ion Ratio Lower Upper

146 100

111 48.2 24.4 73.2

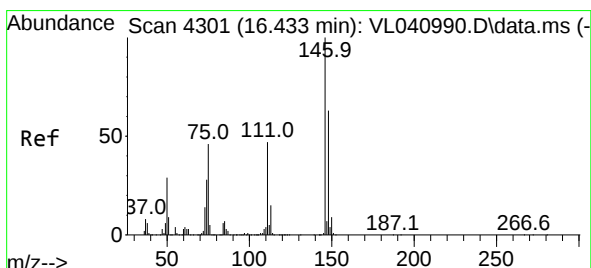
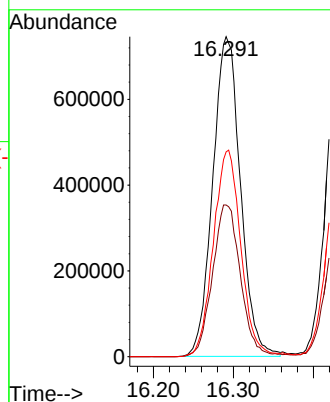
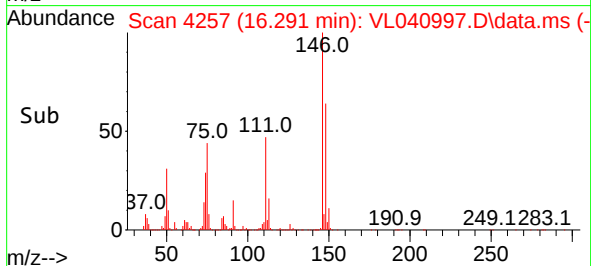
148 64.5 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#76

1,4-Dichlorobenzene

Concen: 8.880 ppbv

RT: 16.429 min Scan# 4300

Delta R.T. -0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

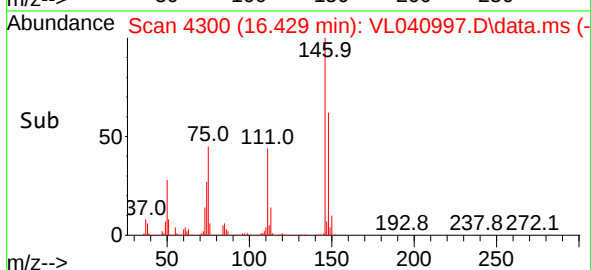
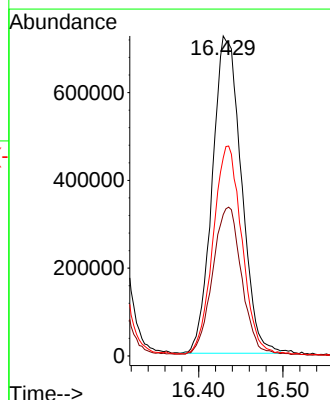
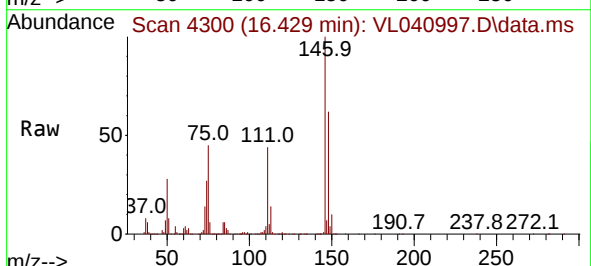
Tgt Ion:146 Resp: 1727783

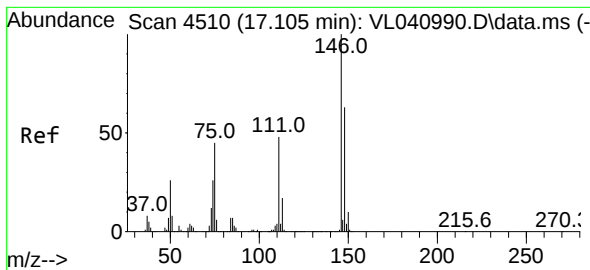
Ion Ratio Lower Upper

146 100

111 47.8 24.0 72.0

148 67.1 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 8.885 ppbv

RT: 17.101 min Scan# 4509

Delta R.T. -0.003 min

Lab File: VL040997.D

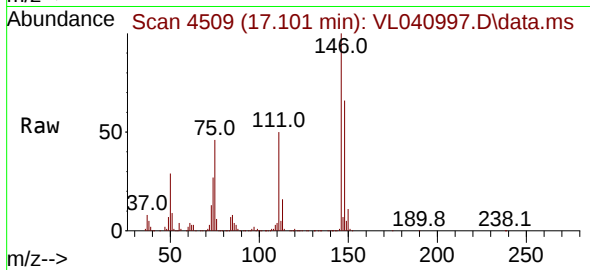
Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324



Tgt Ion:146 Resp: 174116

Ion Ratio Lower Upper

146 100

111 49.8 24.8 74.3

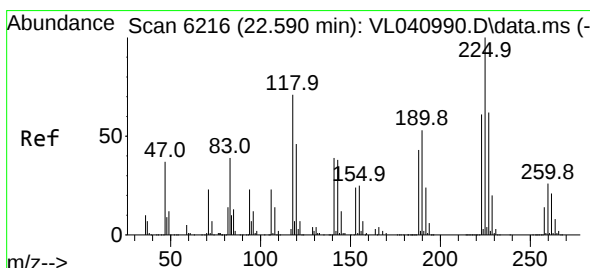
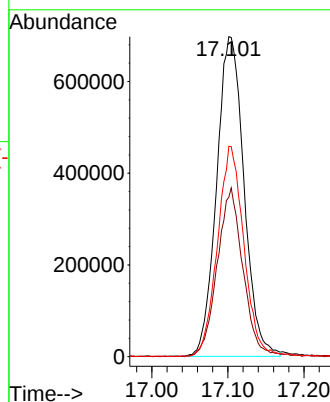
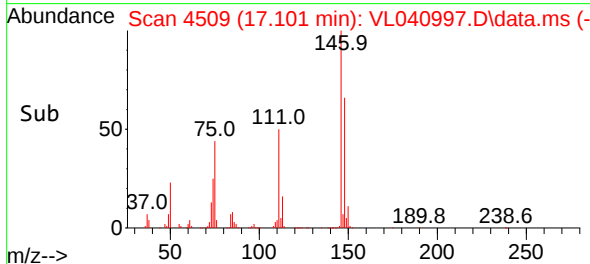
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.835 ppbv

RT: 22.586 min Scan# 6215

Delta R.T. -0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

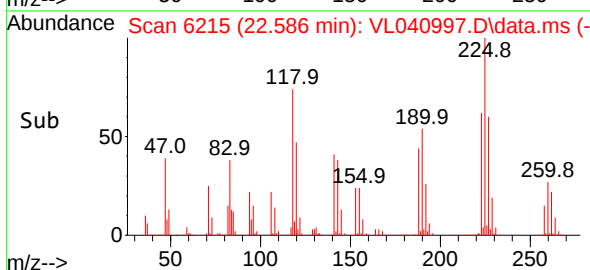
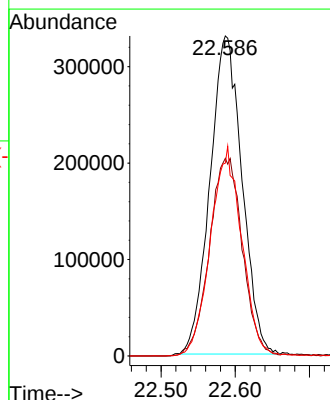
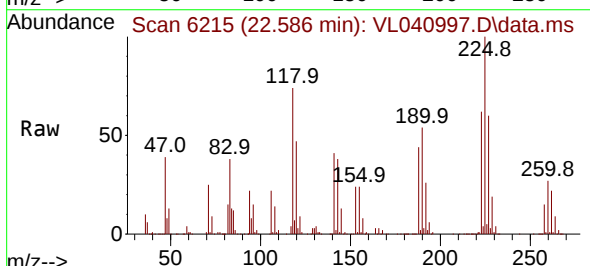
Tgt Ion:225 Resp: 990137

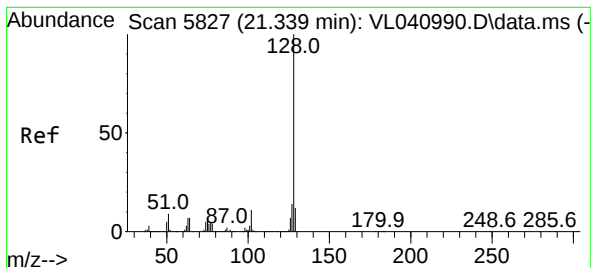
Ion Ratio Lower Upper

225 100

223 64.6 51.1 76.7

227 64.1 51.0 76.4





#79

Naphthalene

Concen: 11.710 ppbv

RT: 21.342 min Scan# 5828

Delta R.T. 0.003 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL012324

Tgt Ion:128 Resp: 231436

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

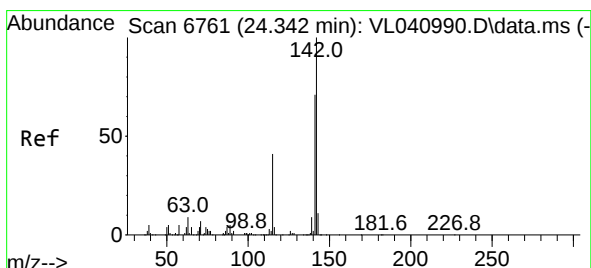
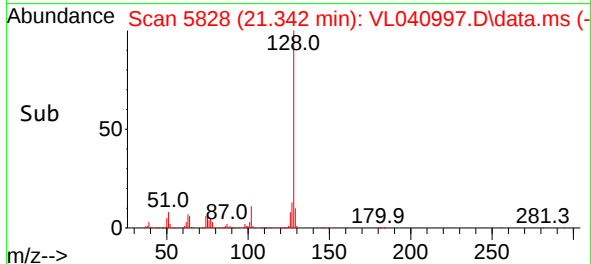
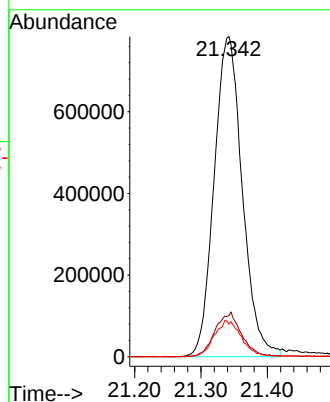
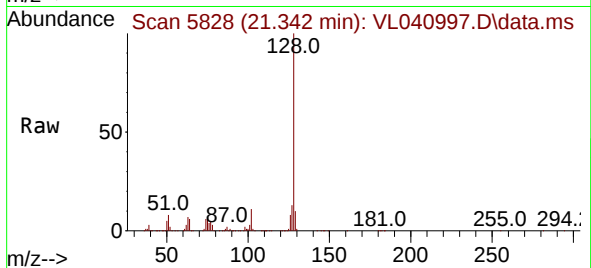
129 10.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#80

Naphthalene,2-methyl-

Concen: 14.354 ppbv

RT: 24.336 min Scan# 6759

Delta R.T. -0.007 min

Lab File: VL040997.D

Acq: 23 Jan 2024 14:12

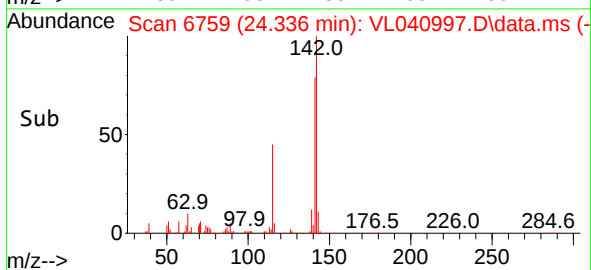
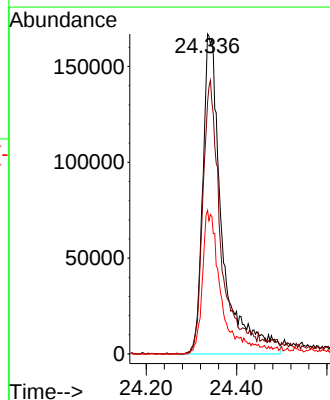
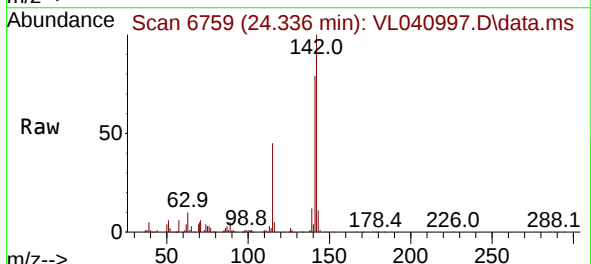
Tgt Ion:142 Resp: 498252

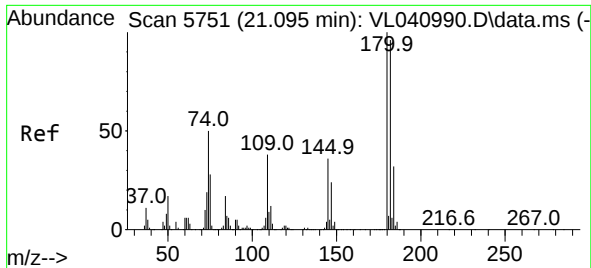
Ion Ratio Lower Upper

142 100

141 88.3 62.7 94.1

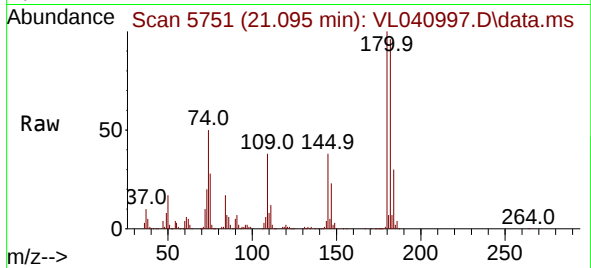
115 43.4 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.827 ppbv
 RT: 21.095 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL040997.D
 Acq: 23 Jan 2024 14:12

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324



Tgt Ion:180 Resp: 1133164

Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.6	118.0
184	30.2	24.4	36.6

Manual Integrations
 APPROVED

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

