

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040999.D
 Acq On : 23 Jan 2024 16:45
 Operator : SY/MD
 Sample : VL0123ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 01:00:12 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	938706	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2714231	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2608961	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.735 95 1992769 10.113 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	2121116	10.231	ppbv	98
3) Chlorodifluoromethane	2.645	51	1595435	10.105	ppbv	100
4) Chloromethane	2.780	50	602334	10.178	ppbv	99
5) Vinyl Chloride	2.890	62	608924	10.495	ppbv	100
6) Bromomethane	3.086	94	269933	10.685	ppbv	94
7) Chloroethane	3.166	64	226353	10.834	ppbv	100
8) Dichlorotetrafluoroethane	2.825	85	1598585	10.321	ppbv	99
9) Propene	2.665	41	536652	10.362	ppbv	97
10) Heptane	7.542	43	1369026	10.741	ppbv	99
11) Trichlorofluoromethane	3.530	101	1740747	10.420	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1264200	10.441	ppbv	99
13) Ethanol	3.205	45	112548	9.119	ppbv	99
14) Bromoethene	3.333	108	507358	10.914	ppbv	100
15) Acetone	3.433	43	1181683	9.844	ppbv	96
16) 1,3-Butadiene	2.954	39	607959	10.587	ppbv	100
17) tert-Butyl alcohol	3.845	59	1097889	11.151	ppbv	99
18) 1,1-Dichloroethene	3.845	96	535590	10.332	ppbv	99
19) Isopropyl Alcohol	3.542	45	748190	10.767	ppbv	99
20) Methylene Chloride	3.899	84	456666	9.886	ppbv	93
21) Allyl Chloride	3.960	41	788030	10.804	ppbv	100
22) trans-1,2-Dichloroethene	4.410	96	576644	10.803	ppbv	97
23) Vinyl Acetate	4.591	43	1363030	11.015	ppbv	98
24) 1,1-Dichloroethane	4.529	63	1153935	10.512	ppbv	99
25) Ethyl Acetate	5.166	43	2076254	9.539	ppbv	100
26) Hexane	5.176	57	897864	9.678	ppbv	98
27) Carbon Disulfide	4.089	76	1401953	11.612	ppbv	100
28) Methyl tert-Butyl Ether	4.549	73	807899	10.492	ppbv	99
29) Chloroform	5.237	83	1664543	10.115	ppbv	99
30) Cyclohexane	6.562	84	865169	11.130	ppbv	98
31) cis-1,2-Dichloroethene	5.044	61	894103	10.268	ppbv	98
32) 1,1,1-Trichloroethane	5.967	97	1730196	11.001	ppbv	100
34) 2-Butanone	4.748	43	1284162	9.931	ppbv	100
35) Carbon Tetrachloride	6.455	117	1848317	10.212	ppbv	99
36) Benzene	6.333	78	2154372	9.611	ppbv	98
37) 1,2-Dichloroethane	5.767	62	1331738	9.735	ppbv	100
38) Trichloroethene	7.253	130	861190	9.583	ppbv	99
39) 1,2-Dichloropropane	7.037	63	849494	9.620	ppbv	97
40) 1,4-Dioxane	7.246	88	340828	9.292	ppbv #	1
41) Tetrahydrofuran	5.520	42	862479	9.823	ppbv	98
42) Bromodichloromethane	7.211	83	1954607	9.986	ppbv	97
43) Methyl Methacrylate	7.433	69	901067	10.417	ppbv	100
44) 2,2,4-Trimethylpentane	7.288	57	3572318	9.471	ppbv	99
45) t-1,3-Dichloropropene	8.671	75	665531	11.260	ppbv	97

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

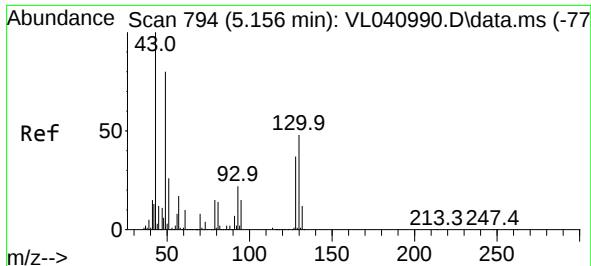
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Jan 24 00:50:15 2024

Response via : Initial Calibration

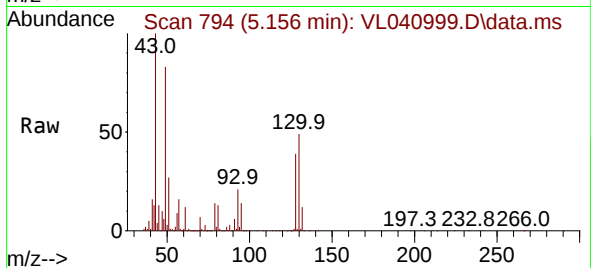
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.102	75	786152	10.666	ppbv	99
47) 1,1,2-Trichloroethane	8.860	97	924618	9.714	ppbv	99
48) Dibromochloromethane	9.671	129	1644506	10.219	ppbv	99
49) Bromoform	12.368	173	1346441	10.667	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2316310	10.172	ppbv	99
51) 2-Hexanone	9.510	43	1687872	10.283	ppbv #	99
52) Tetrachloroethene	10.574	164	748193	10.051	ppbv	99
53) Toluene	9.182	91	2488997	10.136	ppbv	100
54) 1,2-Dibromoethane	9.970	107	1324290	10.273	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.468	131	1184540	9.463	ppbv	99
57) Chlorobenzene	11.484	112	1936948	9.230	ppbv	97
58) Ethyl Benzene	12.050	91	3388504	9.672	ppbv	99
59) m/p-Xylene	12.327	91	5841876m	19.125	ppbv	
60) o-Xylene	13.018	91	2786332	9.507	ppbv	100
61) Styrene	12.857	104	1418817	10.543	ppbv	99
62) Isopropylbenzene	13.986	105	4049809	9.344	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.005	83	2079606	9.130	ppbv	100
64) n-propylbenzene	14.873	120	1066771	9.742	ppbv	96
65) tert-Butylbenzene	16.050	119	3565707	9.416	ppbv	100
66) Benzyl Chloride	16.291	91	266878	10.755	ppbv	100
67) sec-Butylbenzene	16.593	105	5028249	9.119	ppbv	100
69) p-Isopropyltoluene	16.953	119	4085835	9.566	ppbv	100
70) n-Butylbenzene	17.847	91	4357161	9.441	ppbv	99
71) 2-Chlorotoluene	14.761	91	3174964	9.494	ppbv	99
72) 4-Ethyltoluene	15.150	105	3220247	9.838	ppbv	98
73) 1,3,5-Trimethylbenzene	15.310	105	2753815	9.480	ppbv	99
74) 1,2,4-Trimethylbenzene	16.066	105	3057056	9.283	ppbv	96
75) 1,3-Dichlorobenzene	16.288	146	1744168	9.307	ppbv	100
76) 1,4-Dichlorobenzene	16.433	146	1704428	9.217	ppbv	100
77) 1,2-Dichlorobenzene	17.101	146	1699719	9.125	ppbv	99
78) Hexachloro-1,3-Butadiene	22.587	225	967862	8.057	ppbv	99
79) Naphthalene	21.339	128	2236242	11.904	ppbv	97
80) Naphthalene,2-methyl-	24.339	142	440770	13.359	ppbv	96
81) 1,2,4-Trichlorobenzene	21.092	180	1079149	9.846	ppbv	100

(#) = 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: VL040999.D
Acq: 23 Jan 2024 16:45

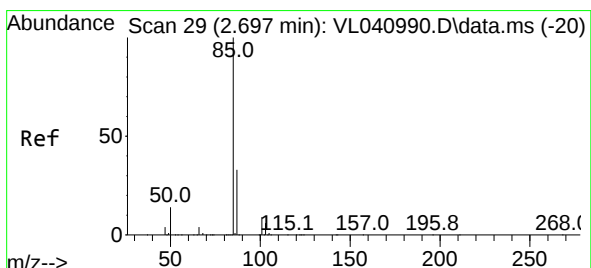
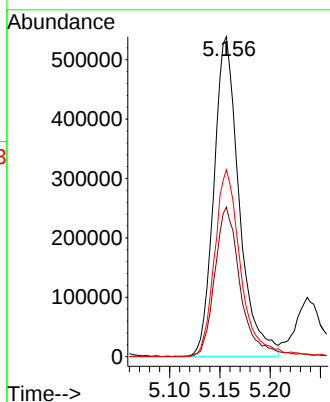
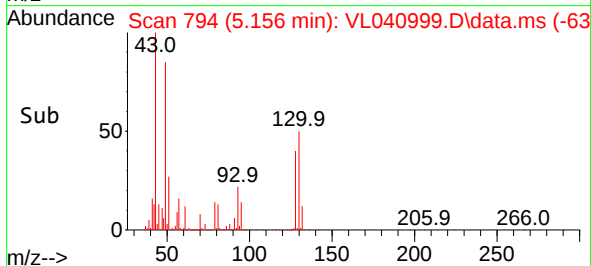
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



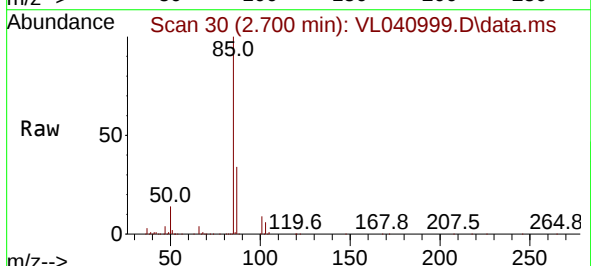
Tgt Ion: 49 Resp: 938700
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 61.8 31.1 93.5

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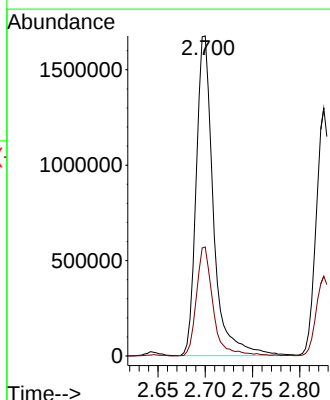
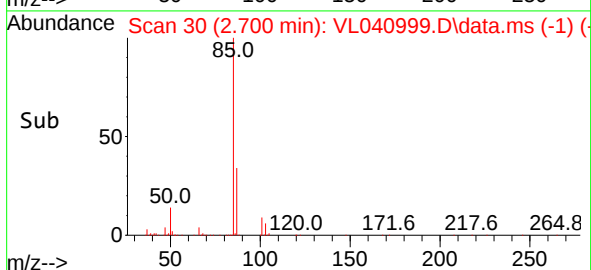
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

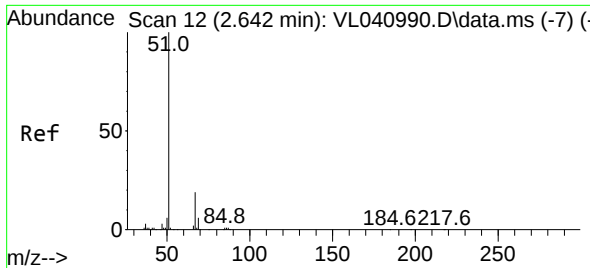


#2
Dichlorodifluoromethane
Concen: 10.231 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion: 85 Resp: 2121116
Ion Ratio Lower Upper
85 100
87 34.0 26.3 39.5





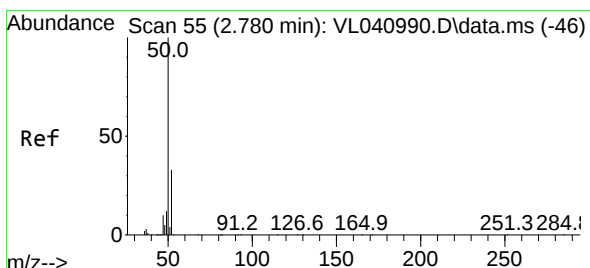
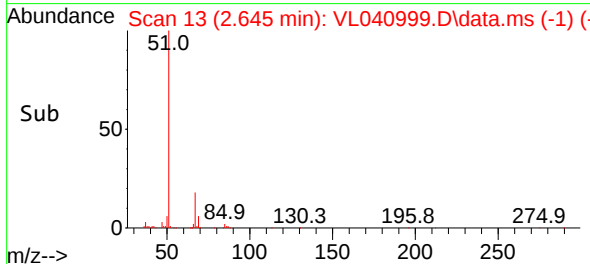
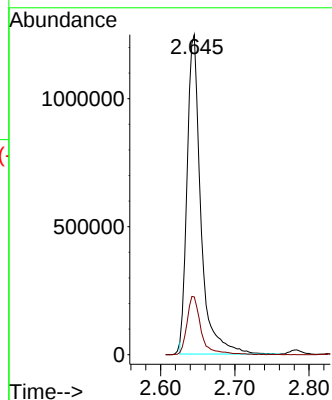
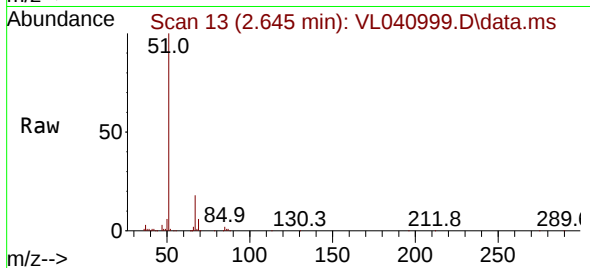
#3
Chlorodifluoromethane
Concen: 10.105 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 51 Resp: 159543
Ion Ratio Lower Upper
51 100
67 18.6 14.8 22.2

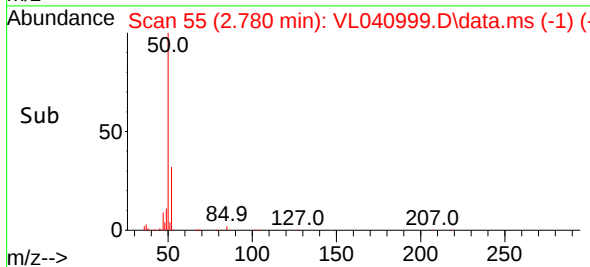
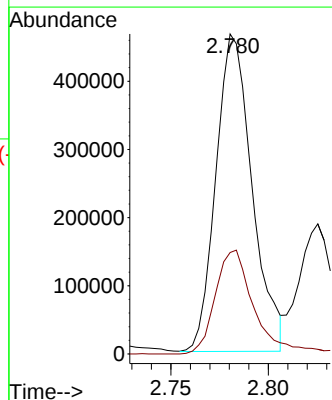
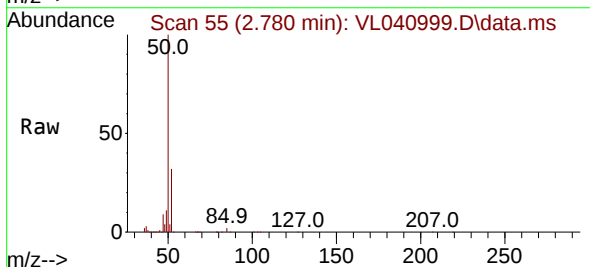
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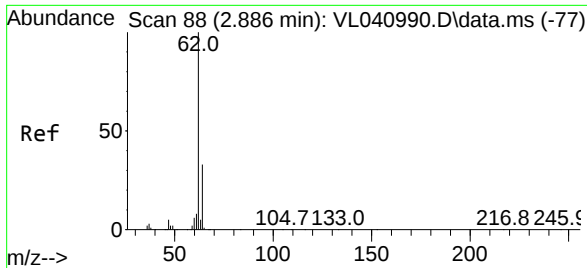
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Chloromethane
Concen: 10.178 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion: 50 Resp: 602334
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4





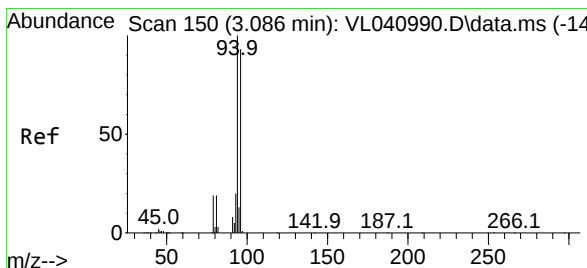
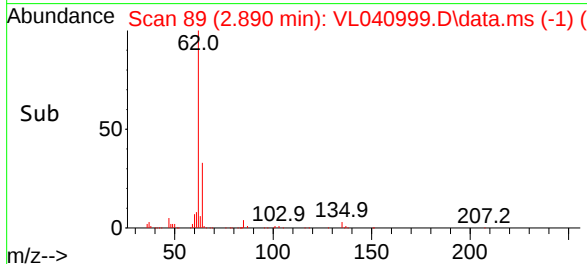
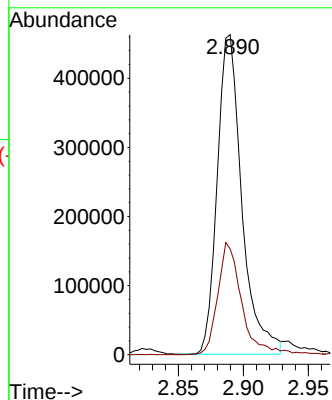
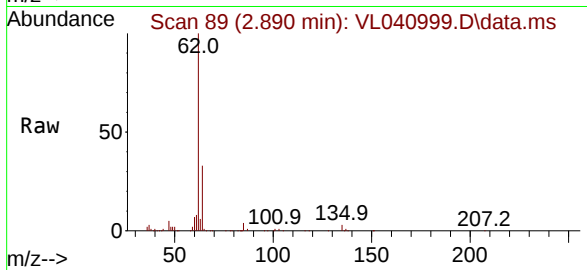
#5
 Vinyl Chloride
 Concen: 10.495 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABS01

Tgt Ion: 62 Resp: 608924
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.6 40.0

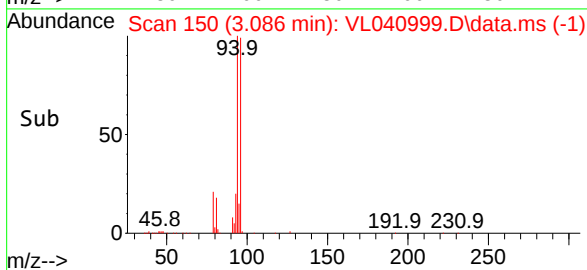
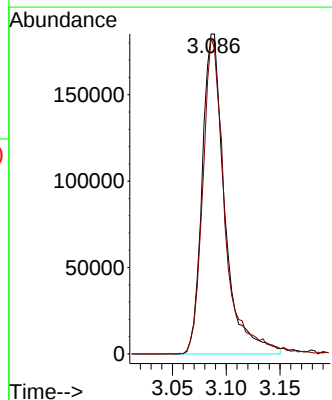
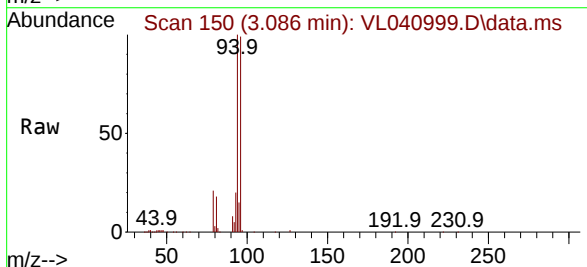
Manual Integrations
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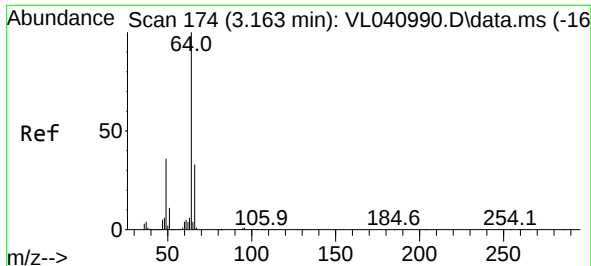
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#6
 Bromomethane
 Concen: 10.685 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Tgt Ion: 94 Resp: 269933
 Ion Ratio Lower Upper
 94 100
 96 98.4 74.2 111.4





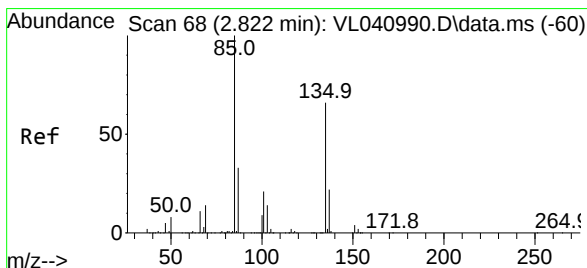
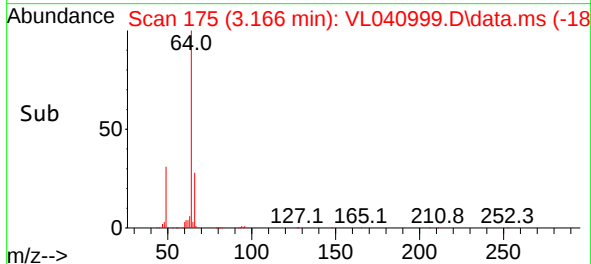
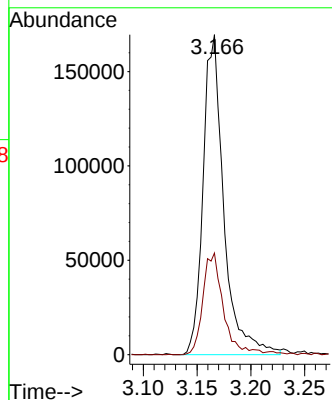
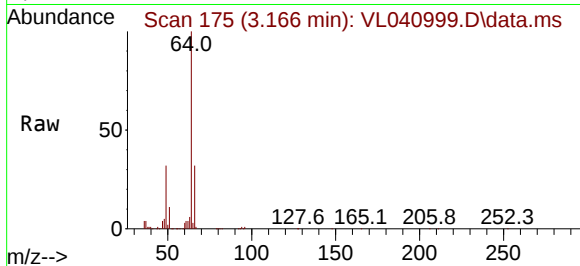
#7
Chloroethane
Concen: 10.834 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 64 Resp: 22635
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0

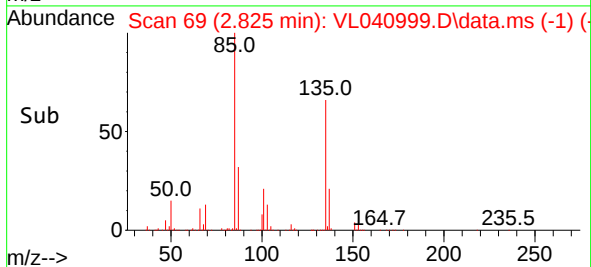
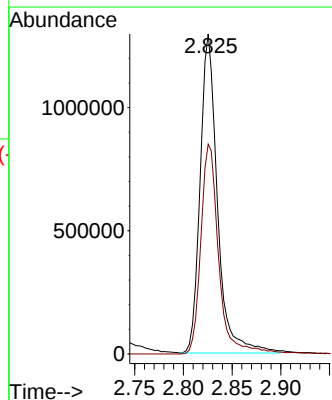
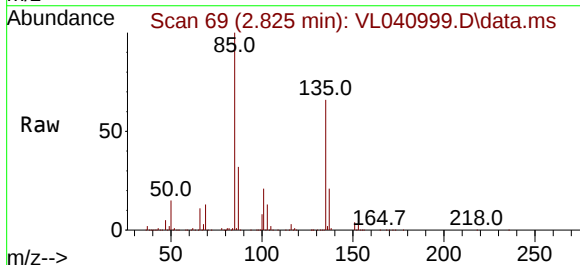
Manual Integrations
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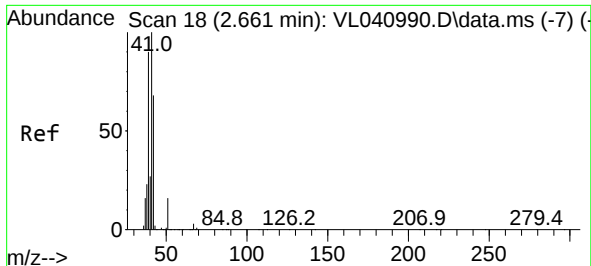
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Dichlorotetrafluoroethane
Concen: 10.321 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

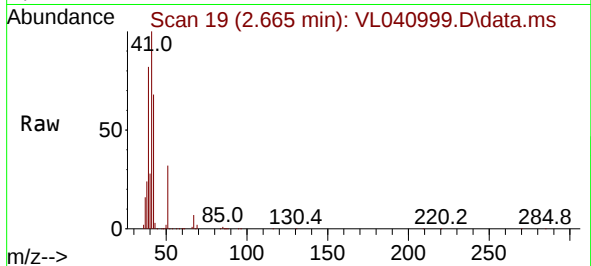
Tgt Ion: 85 Resp: 1598585
Ion Ratio Lower Upper
85 100
135 68.3 55.0 82.6





#9
Propene
Concen: 10.362 ppbv
RT: 2.665 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

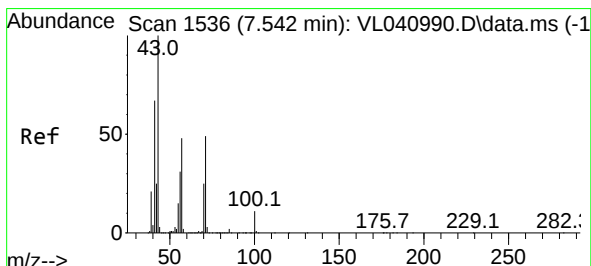
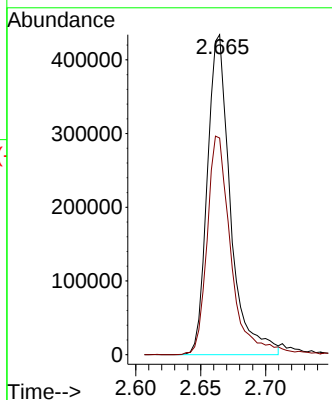
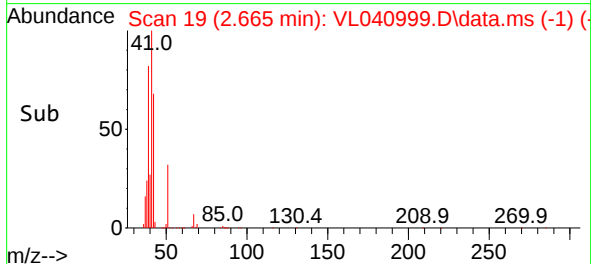
Instrument :
MSVOA_L
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VL0123ABS01



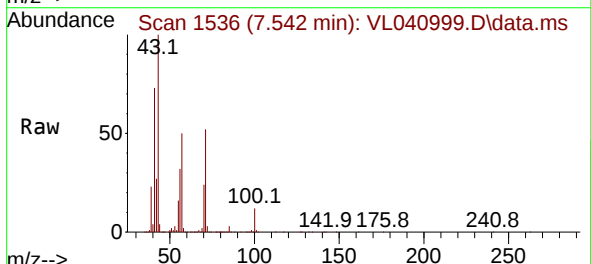
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Ion Ratio Lower Upper
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Manual Integrations
APPROVED

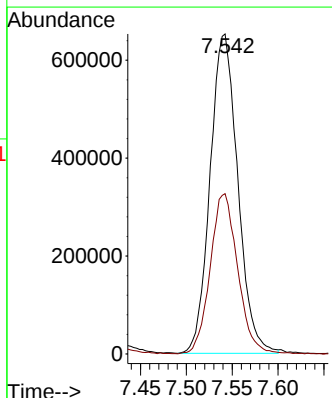
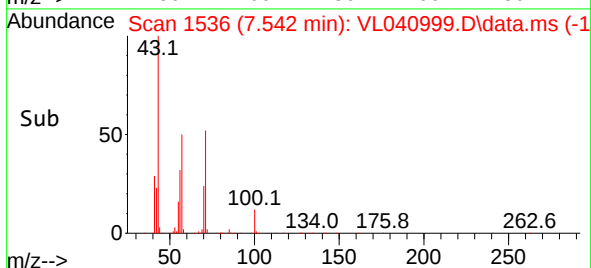
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

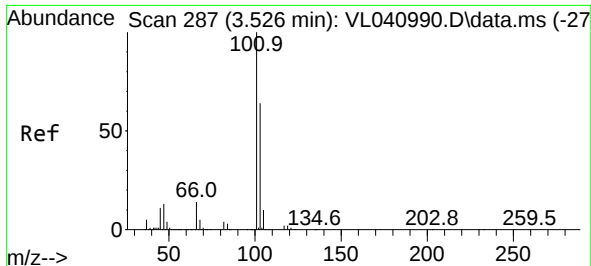


#10
Heptane
Concen: 10.741 ppbv
RT: 7.542 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion: 43 Resp: 1369026
Ion Ratio Lower Upper
43 100
57 50.1 39.4 59.2





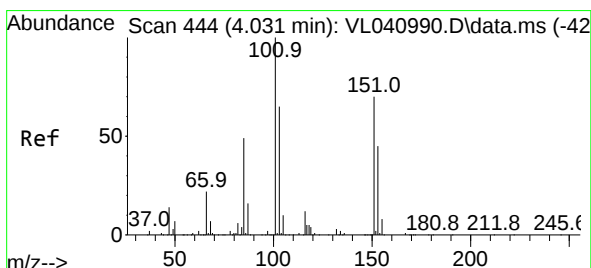
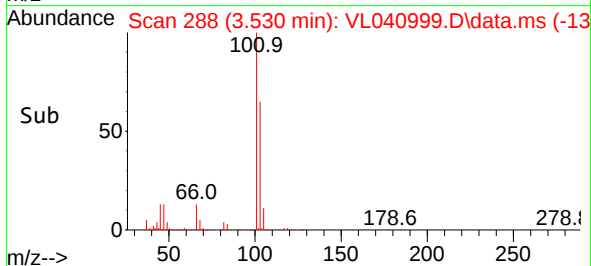
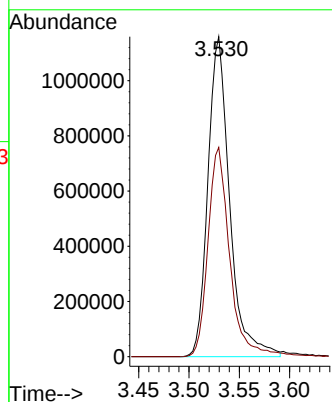
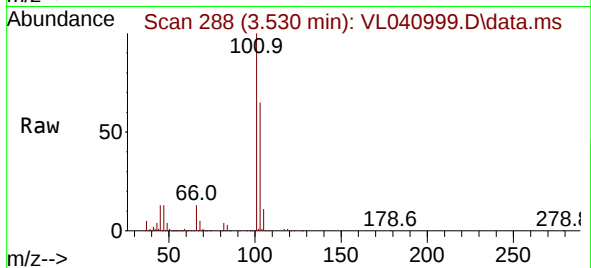
#11
Trichlorofluoromethane
Concen: 10.420 ppbv
RT: 3.530 min Scan# 287
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion:101 Resp: 174074
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

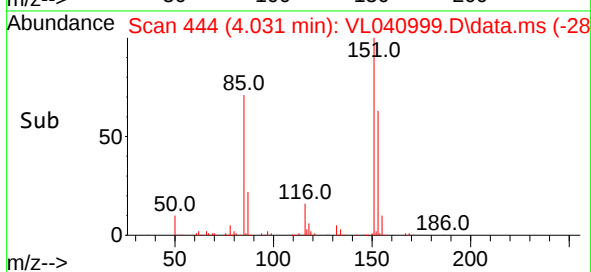
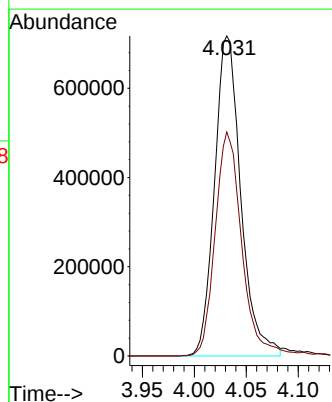
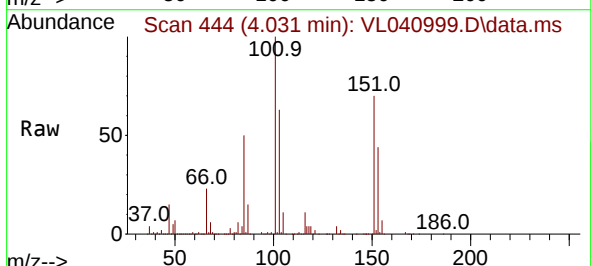
Manual Integrations
APPROVED

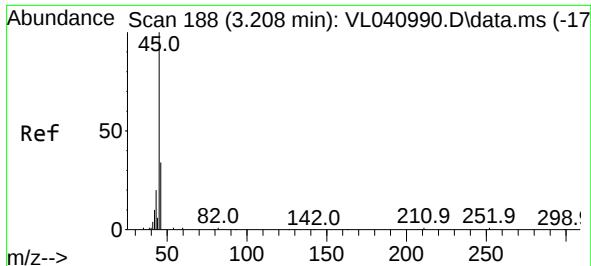
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.441 ppbv
RT: 4.031 min Scan# 444
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion:101 Resp: 1264200
Ion Ratio Lower Upper
101 100
151 71.7 56.6 85.0





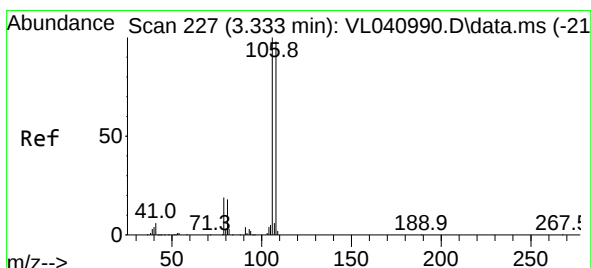
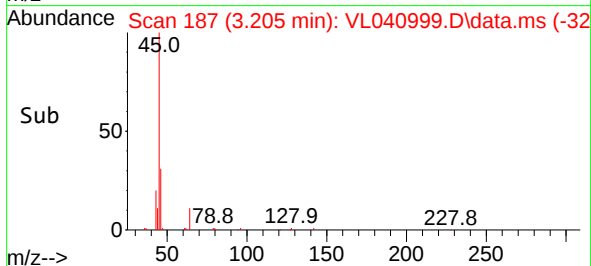
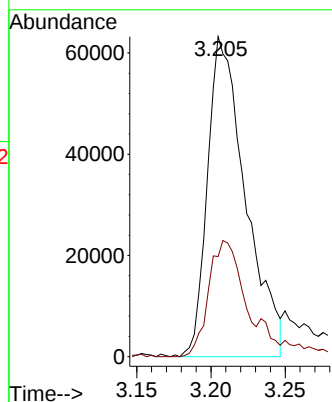
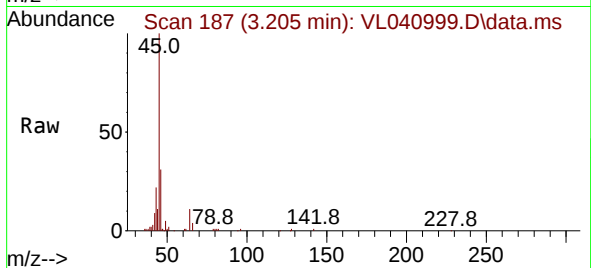
#13
Ethanol
Concen: 9.119 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 45 Resp: 112548
Ion Ratio Lower Upper
45 100
46 40.9 16.2 64.8

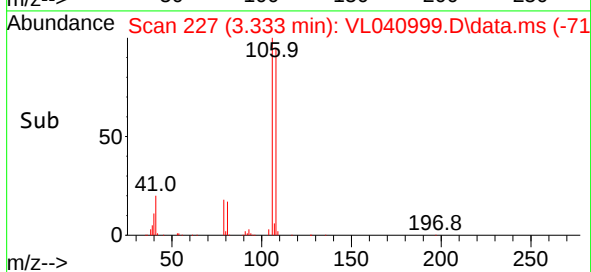
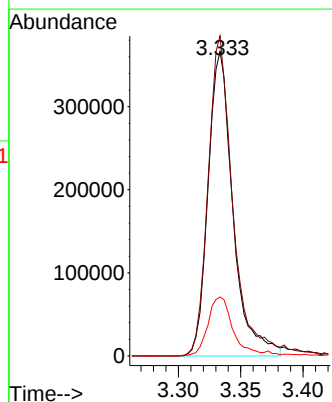
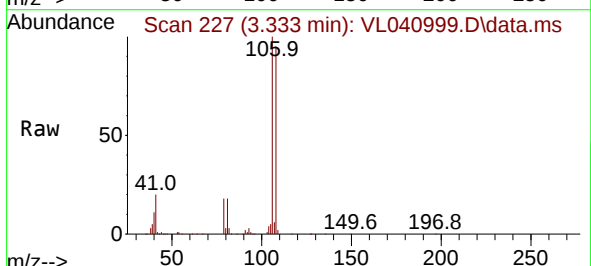
Manual Integrations
APPROVED

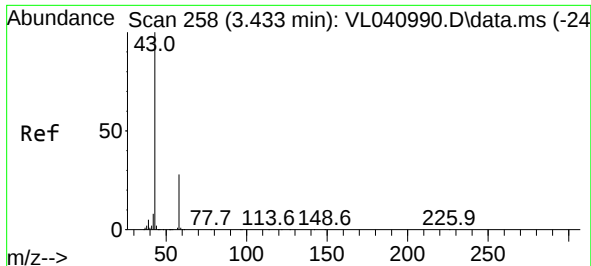
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Bromoethene
Concen: 10.914 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion:108 Resp: 507358
Ion Ratio Lower Upper
108 100
106 107.6 86.4 129.6
79 20.7 16.2 24.4





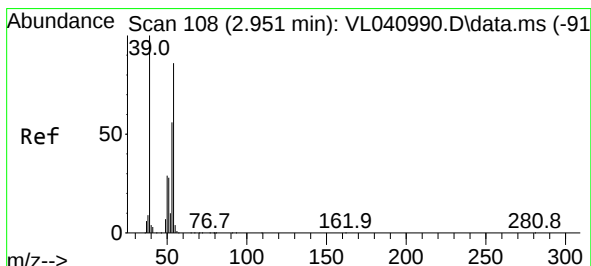
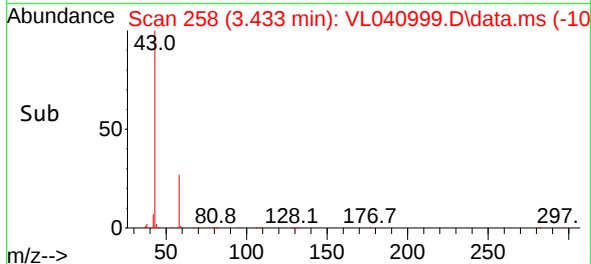
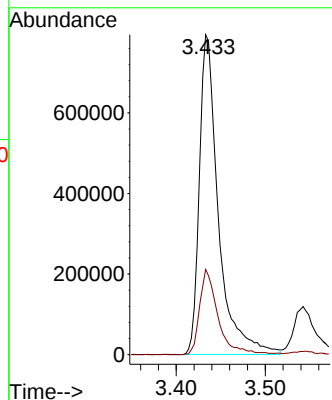
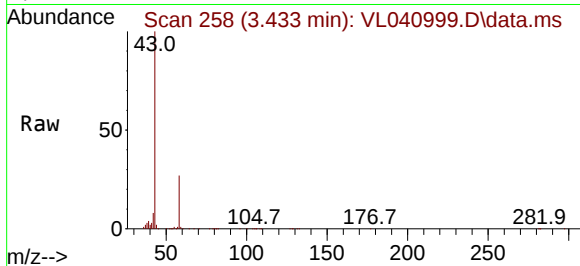
#15
Acetone
Concen: 9.844 ppbv
RT: 3.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 43 Resp: 118168
Ion Ratio Lower Upper
43 100
58 25.6 22.2 33.2

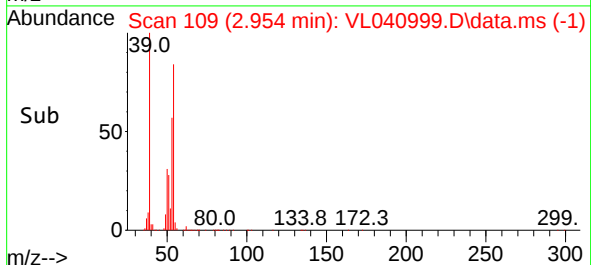
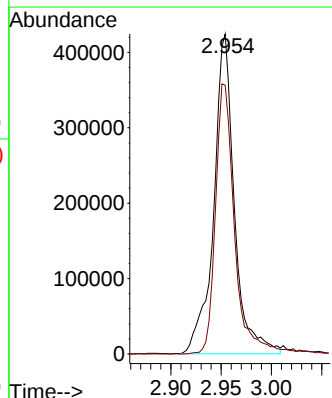
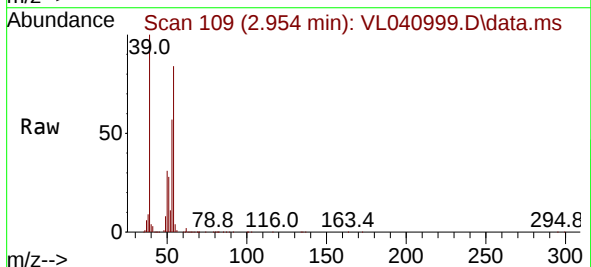
Manual Integrations
APPROVED

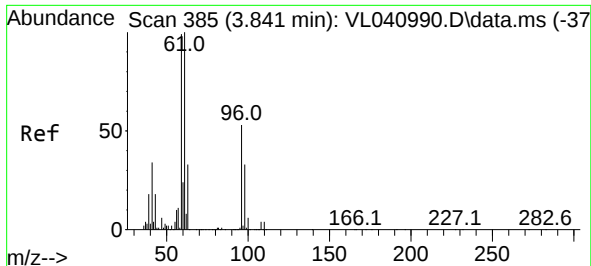
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
1,3-Butadiene
Concen: 10.587 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion: 39 Resp: 607959
Ion Ratio Lower Upper
39 100
54 78.7 62.7 94.1





#17

tert-Butyl alcohol

Concen: 11.151 ppbv

RT: 3.845 min Scan# 385

Delta R.T. 0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion: 59 Resp: 1097889

Ion Ratio Lower Upper

59 100

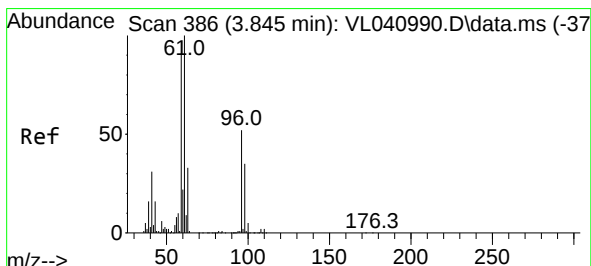
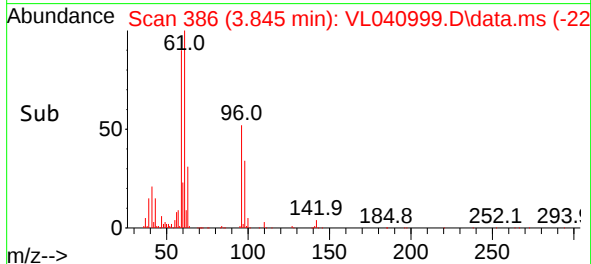
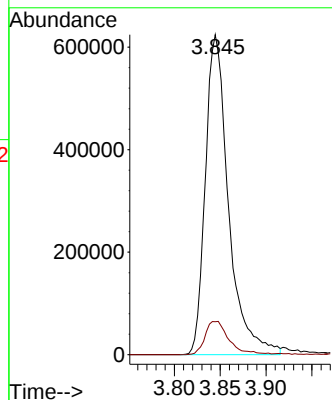
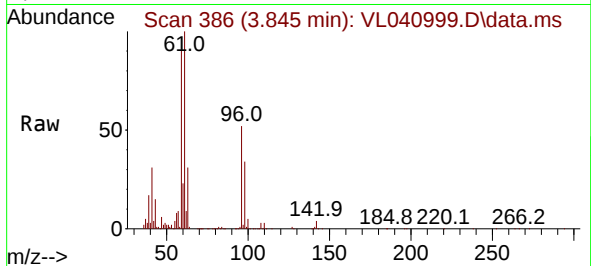
57 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#18

1,1-Dichloroethene

Concen: 10.332 ppbv

RT: 3.845 min Scan# 386

Delta R.T. 0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

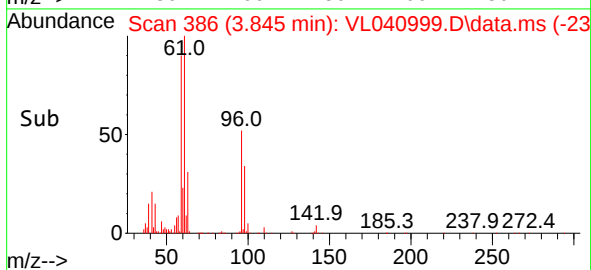
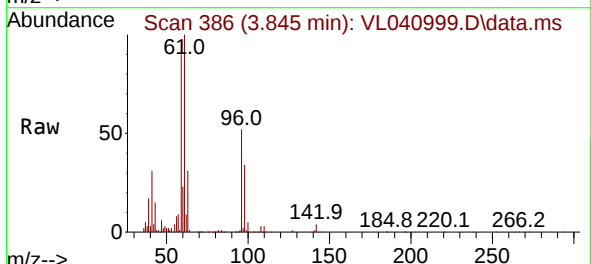
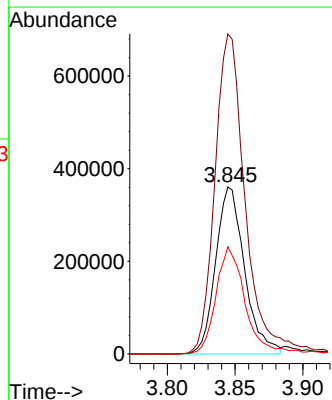
Tgt Ion: 96 Resp: 535590

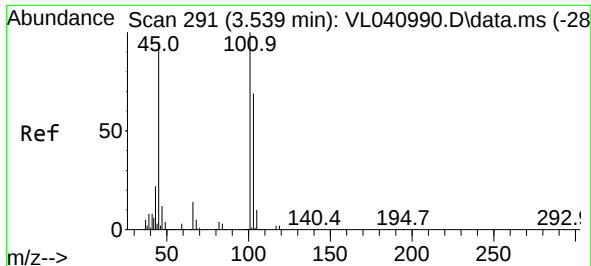
Ion Ratio Lower Upper

96 100

61 191.3 153.8 230.8

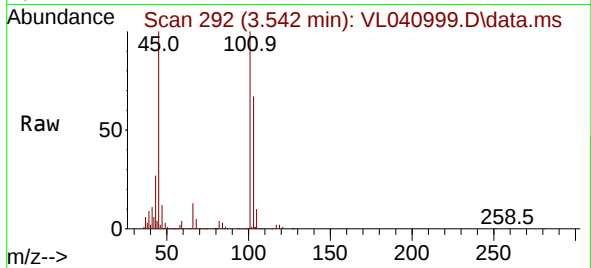
98 64.2 53.7 80.5





#19
Isopropyl Alcohol
Concen: 10.767 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

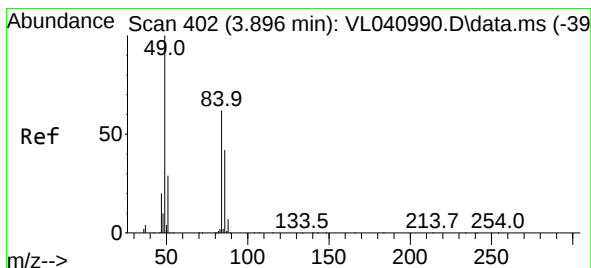
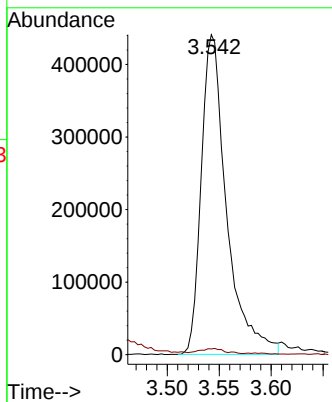
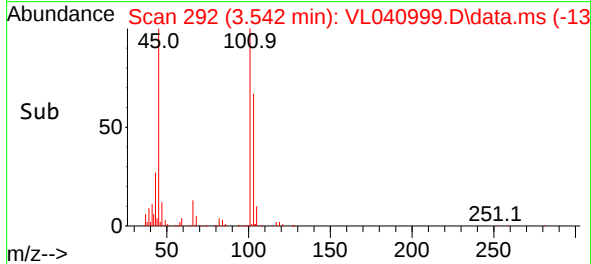
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



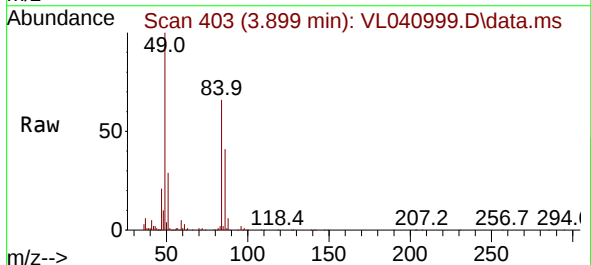
Tgt Ion: 45 Resp: 748190
Ion Ratio Lower Upper
45 100
58 2.5 2.2 3.4

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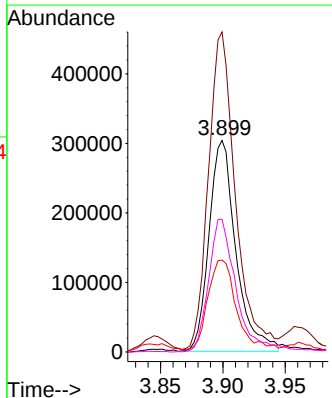
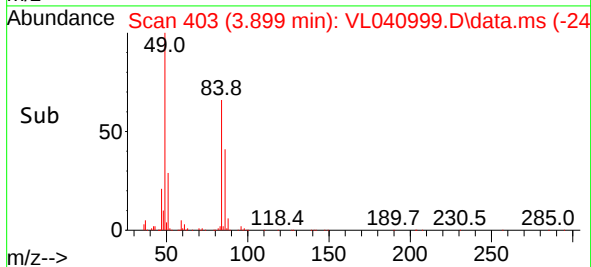
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

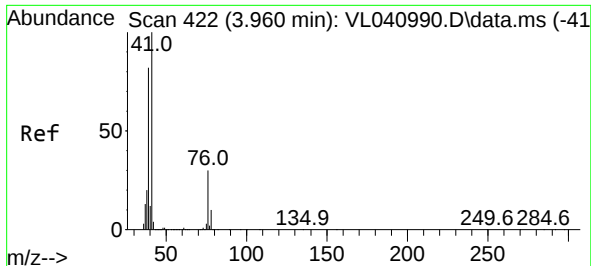


#20
Methylene Chloride
Concen: 9.886 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



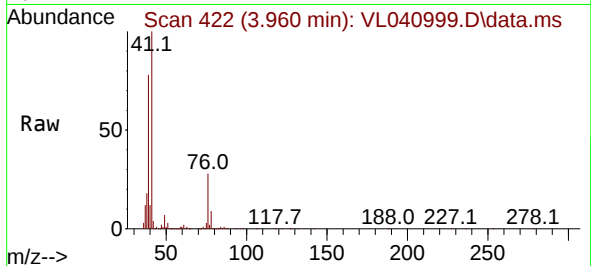
Tgt Ion: 84 Resp: 456666
Ion Ratio Lower Upper
84 100
49 149.9 128.1 192.1
51 42.0 36.5 54.7
86 62.7 54.1 81.1





#21
 Allyl Chloride
 Concen: 10.804 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

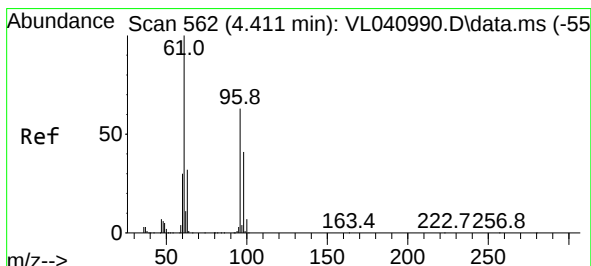
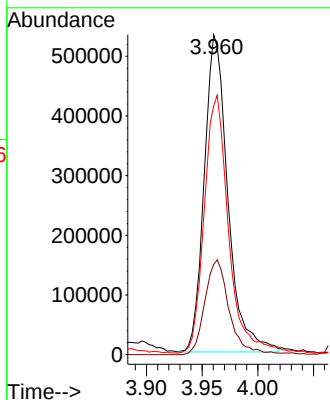
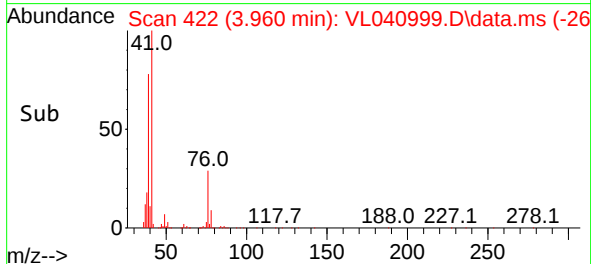
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABS01



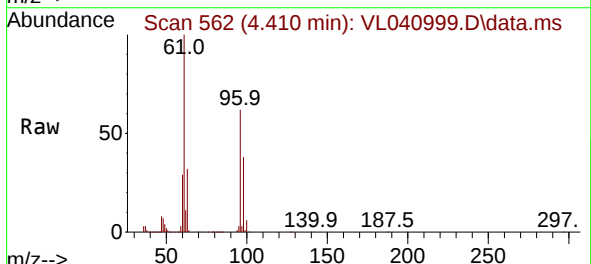
Tgt Ion: 41 Resp: 788030
 Ion Ratio Lower Upper
 41 100
 76 31.1 25.0 37.4
 39 84.3 67.0 100.6

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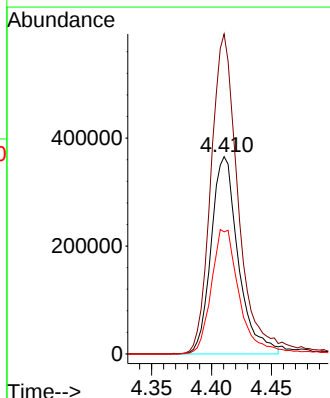
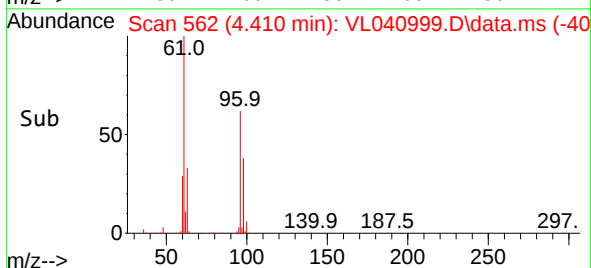
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

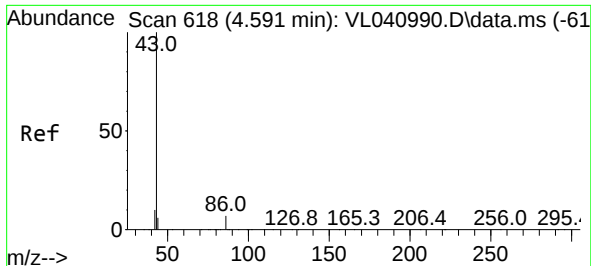


#22
 trans-1,2-Dichloroethene
 Concen: 10.803 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45



Tgt Ion: 96 Resp: 576644
 Ion Ratio Lower Upper
 96 100
 61 162.2 126.0 189.0
 98 61.9 51.2 76.8





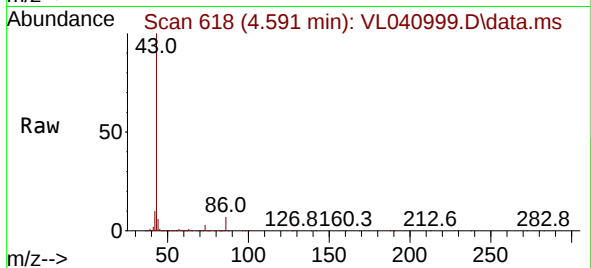
#23
 Vinyl Acetate
 Concen: 11.015 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

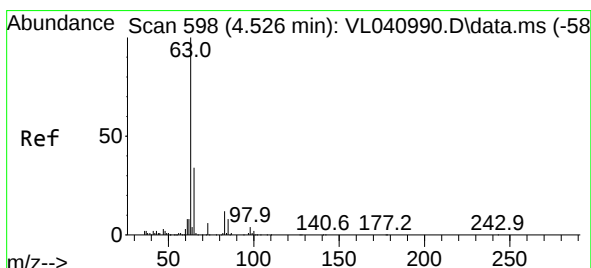
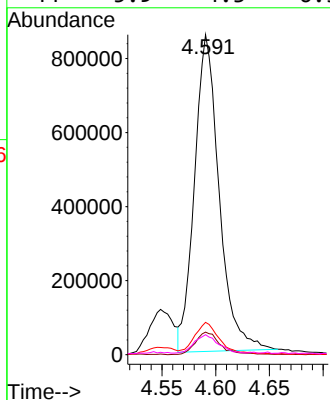
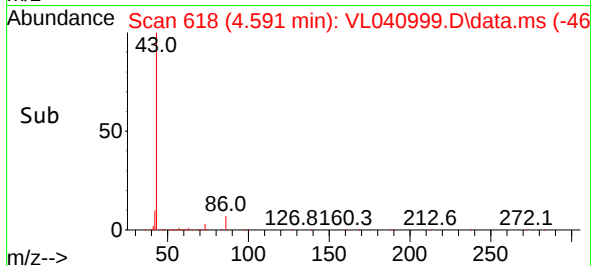


Tgt Ion: 43 Resp: 1363030
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.4 8.0
 42 10.0 8.6 13.0
 44 5.9 4.3 6.5

Manual Integrations

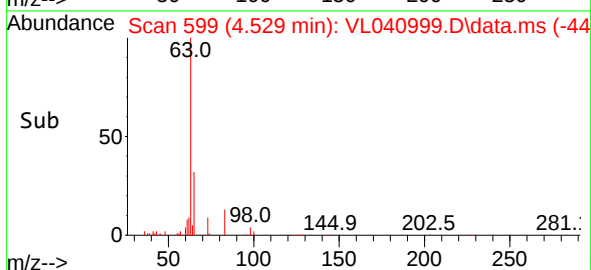
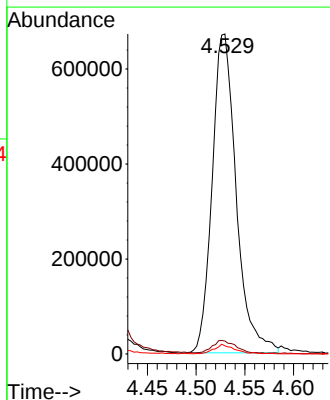
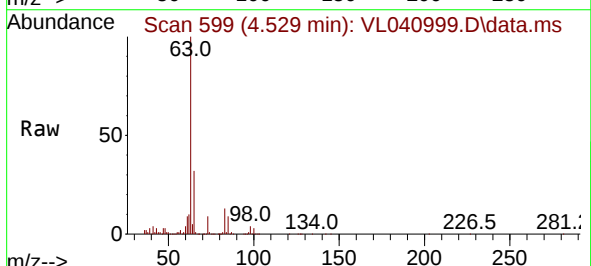
APPROVED

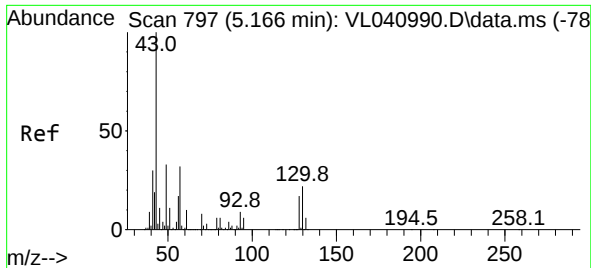
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 10.512 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Tgt Ion: 63 Resp: 1153935
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.3
 100 2.5 1.3 3.9





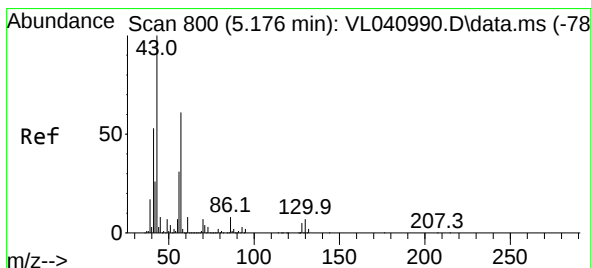
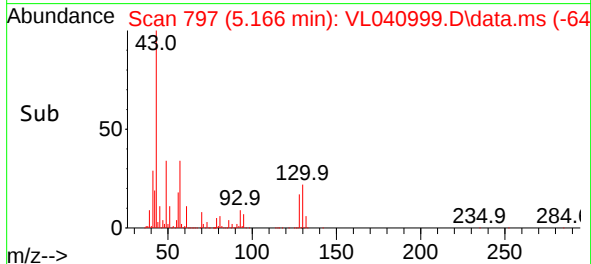
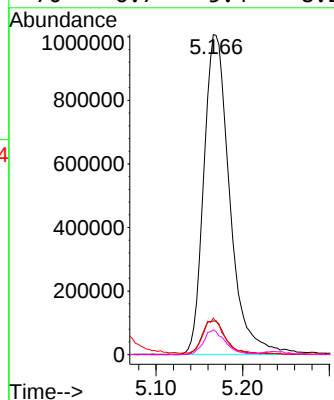
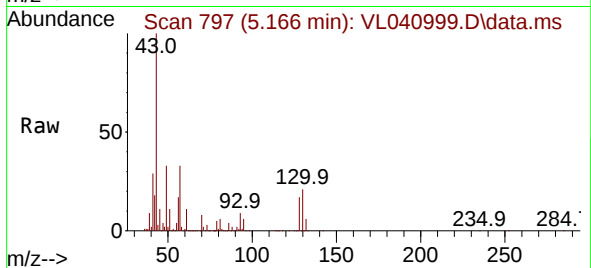
#25
Ethyl Acetate
Concen: 9.539 ppbv
RT: 5.166 min Scan# 797
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 43 Resp: 2076254
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 9.7 7.9 11.9
70 6.7 5.4 8.2

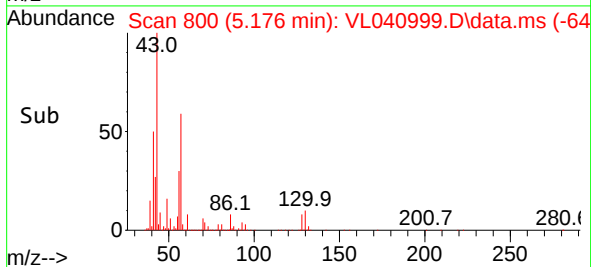
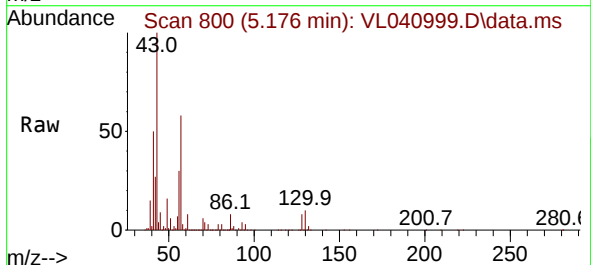
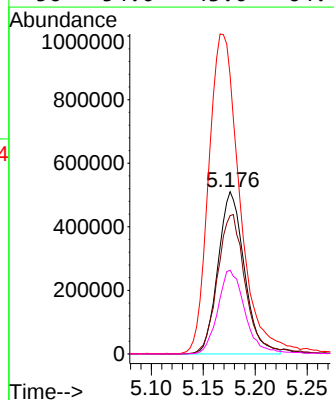
Manual Integrations
APPROVED

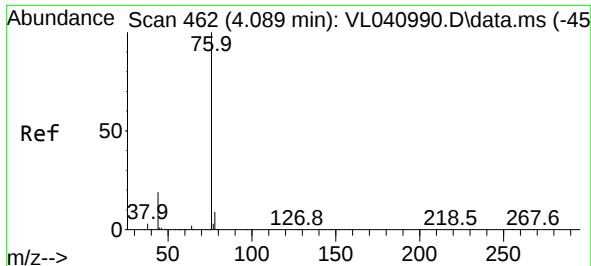
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
Hexane
Concen: 9.678 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

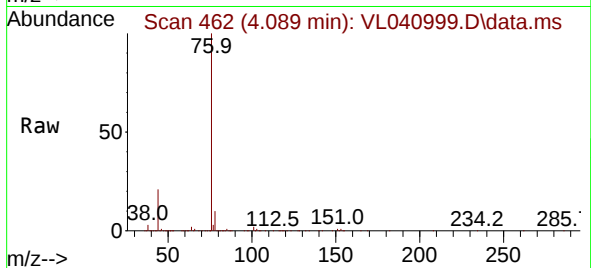
Tgt Ion: 57 Resp: 897864
Ion Ratio Lower Upper
57 100
41 92.4 74.4 111.6
43 234.6 190.6 285.8
56 54.0 43.0 64.4





#27
Carbon Disulfide
Concen: 11.612 ppbv
RT: 4.089 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

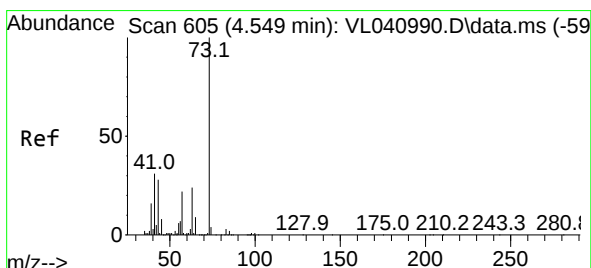
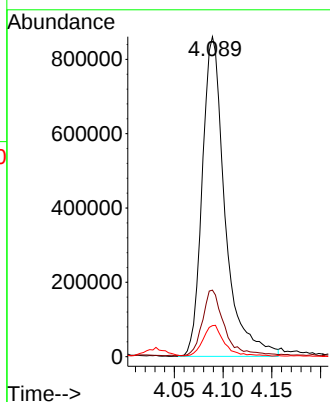
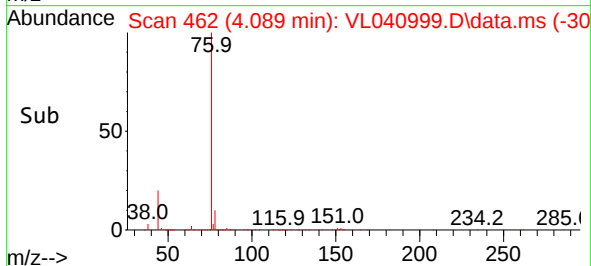
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



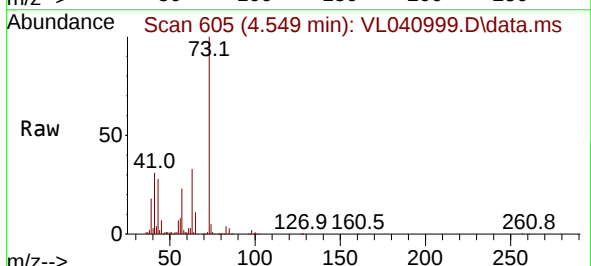
Tgt Ion: 76 Resp: 140195
Ion Ratio Lower Upper
76 100
44 19.9 16.0 24.0
78 9.5 7.8 11.8

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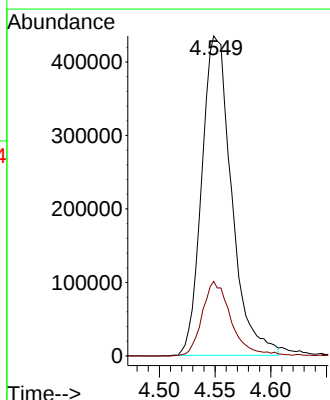
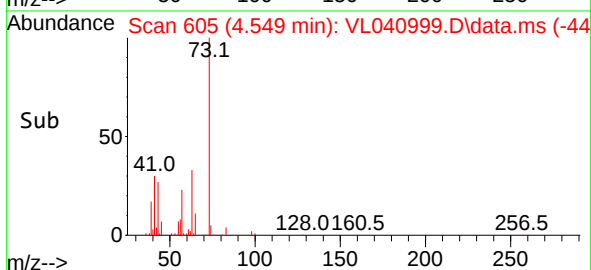
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

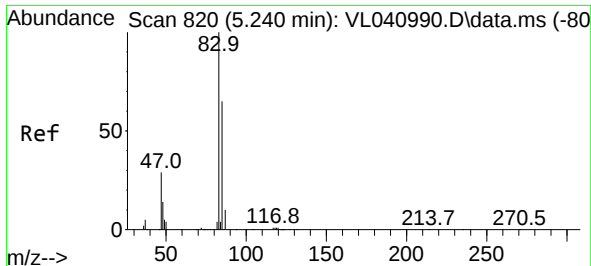


#28
Methyl tert-Butyl Ether
Concen: 10.492 ppbv
RT: 4.549 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion: 73 Resp: 807899
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0





#29

Chloroform

Concen: 10.115 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion: 83 Resp: 166454

Ion Ratio Lower Upper

83 100

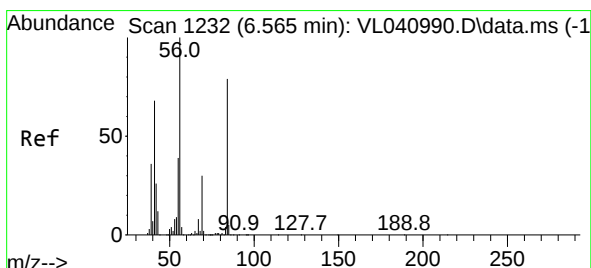
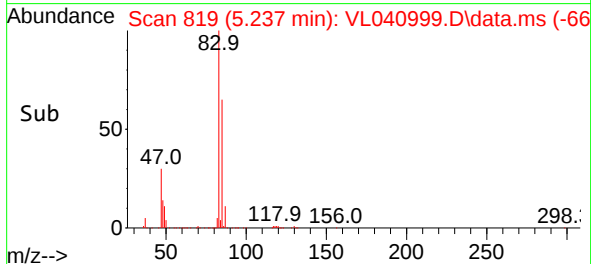
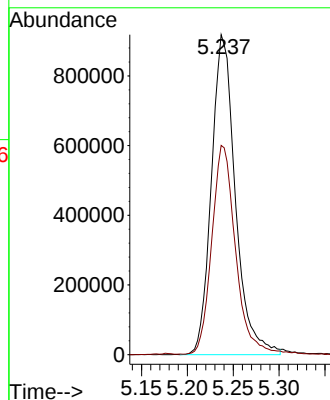
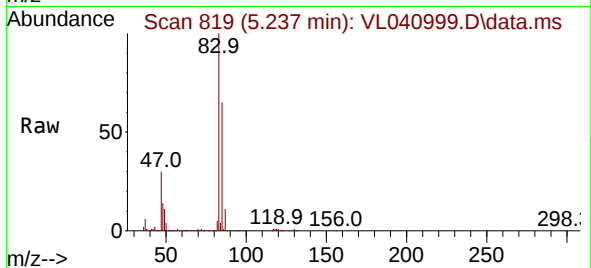
85 65.2 51.6 77.4

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 11.130 ppbv

RT: 6.562 min Scan# 1231

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

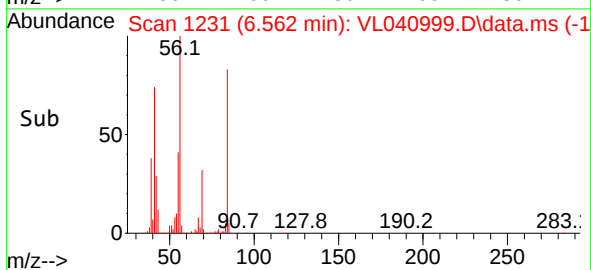
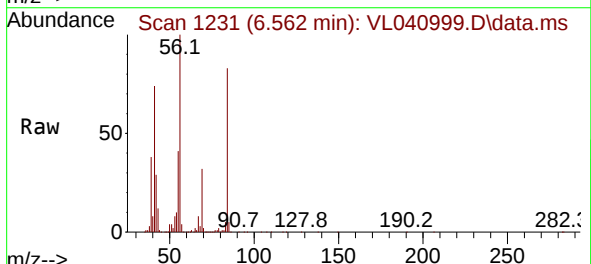
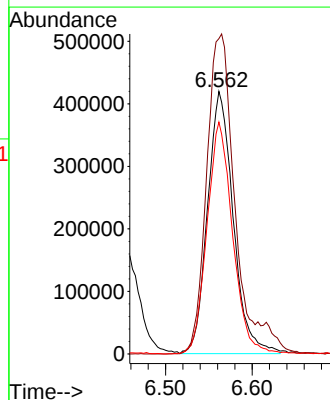
Tgt Ion: 84 Resp: 865169

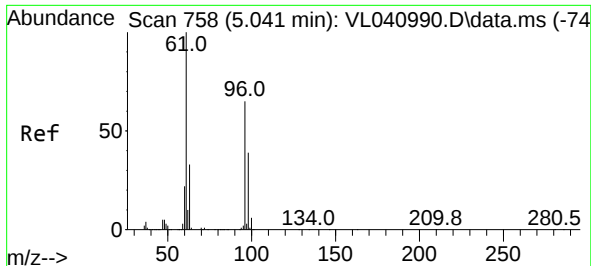
Ion Ratio Lower Upper

84 100

56 136.3 111.7 167.5

41 88.7 71.0 106.6





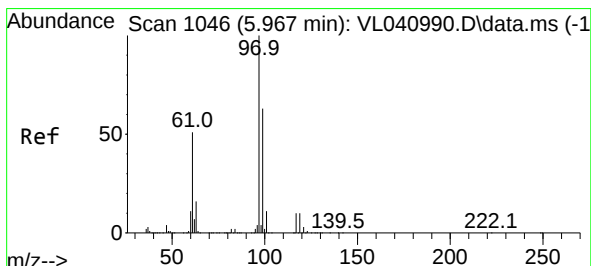
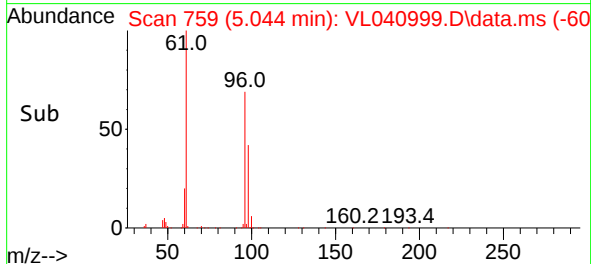
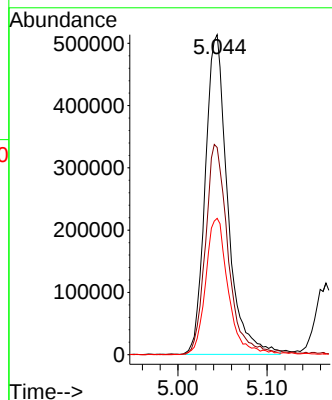
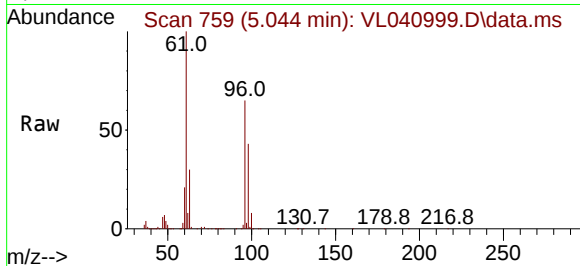
#31
 cis-1,2-Dichloroethene
 Concen: 10.268 ppbv
 RT: 5.044 min Scan# 758
 Delta R.T. 0.003 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Instrument :
 MSVOA_L
 Client Sample Id :
 VL0123ABS01

Tgt Ion: 61 Resp: 89410
 Ion Ratio Lower Upper
 61 100
 96 64.8 51.9 77.9
 98 42.6 31.5 47.3

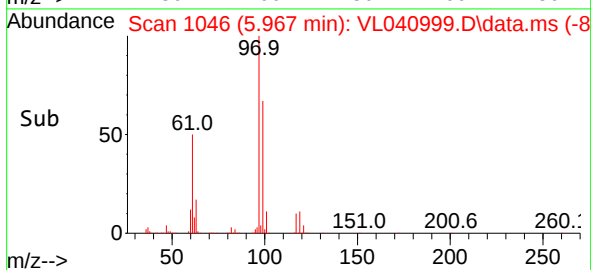
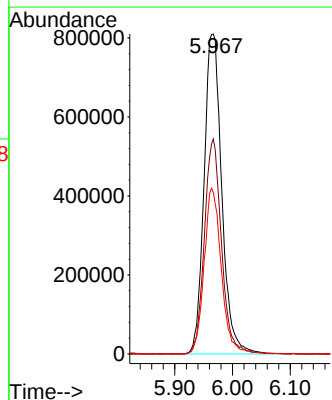
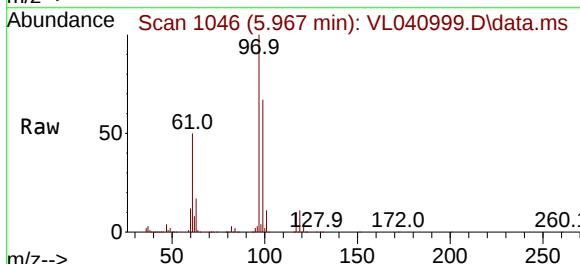
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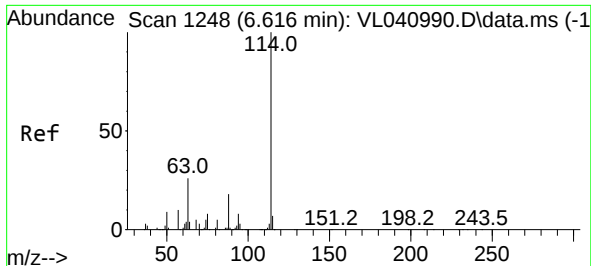
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.001 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Tgt Ion: 97 Resp: 1730196
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.5 77.3
 61 50.4 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion:114 Resp: 271423

Ion Ratio Lower Upper

114 100

63 26.2 20.8 31.2

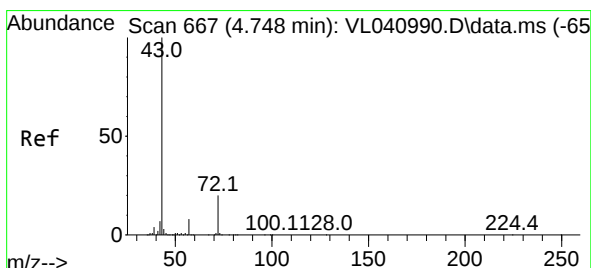
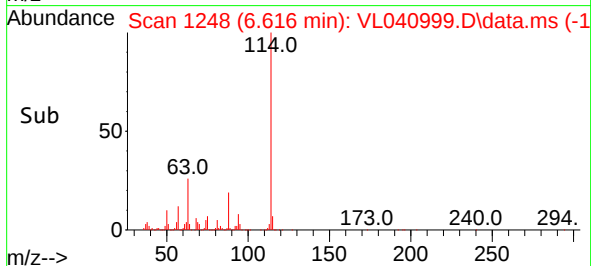
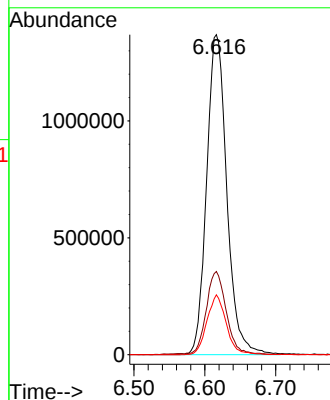
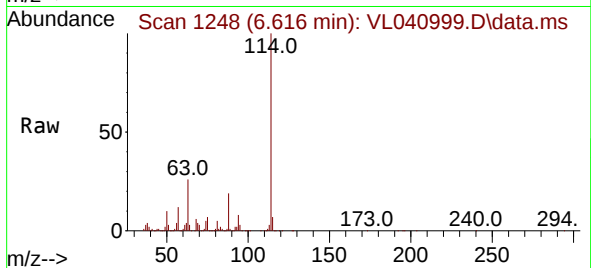
88 17.9 14.3 21.5

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 9.931 ppbv

RT: 4.748 min Scan# 667

Delta R.T. 0.000 min

Lab File: VL040999.D

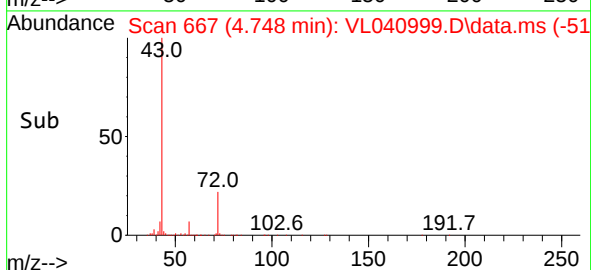
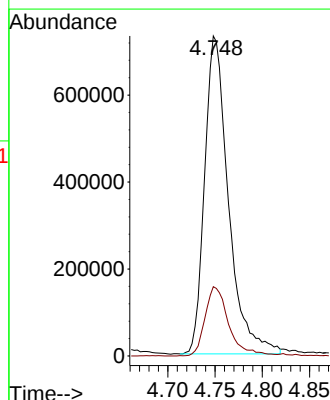
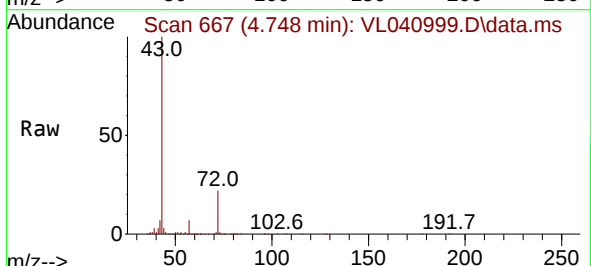
Acq: 23 Jan 2024 16:45

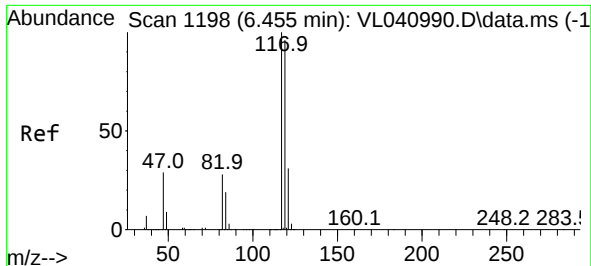
Tgt Ion: 43 Resp: 1284162

Ion Ratio Lower Upper

43 100

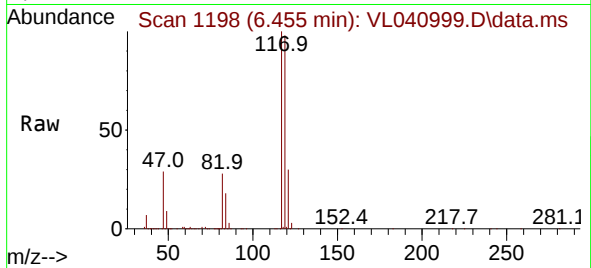
72 22.1 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.212 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

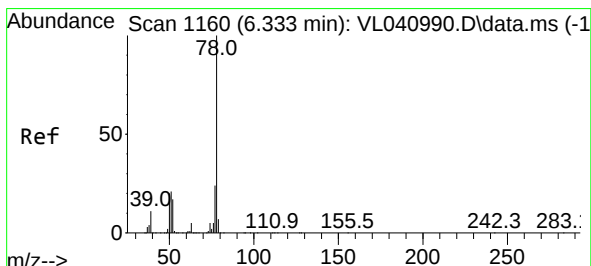
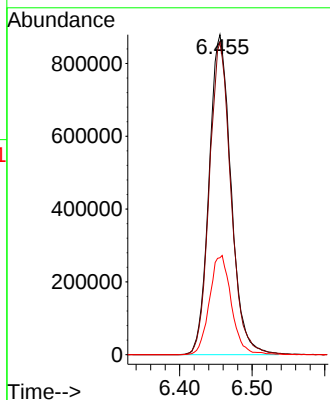
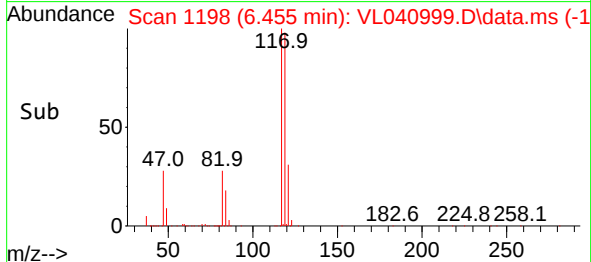
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



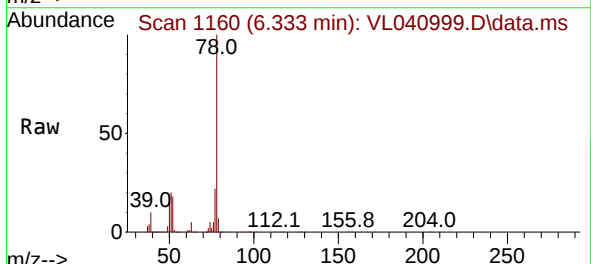
Tgt Ion: 117 Resp: 184831
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
121 30.3 24.7 37.1

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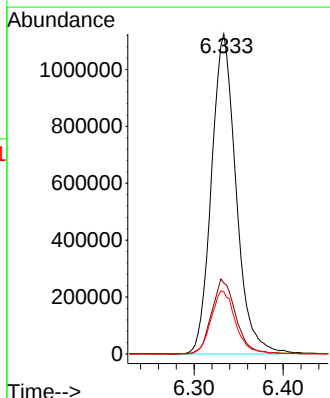
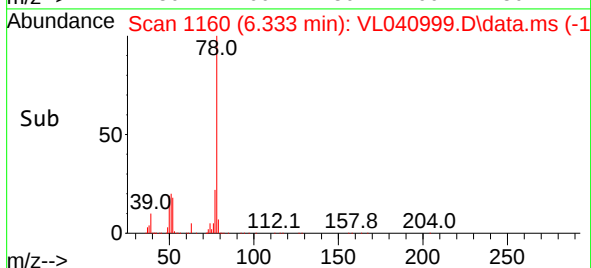
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

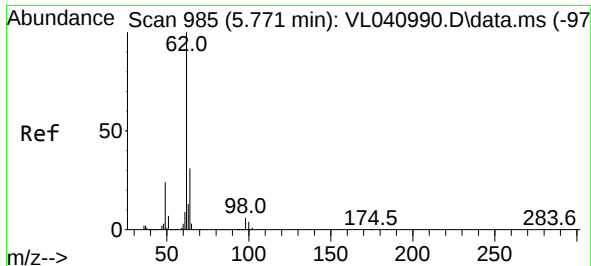


#36
Benzene
Concen: 9.611 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion: 78 Resp: 2154372
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4
50 19.4 15.8 23.6





#37

1,2-Dichloroethane

Concen: 9.735 ppbv

RT: 5.767 min Scan# 985

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion: 62 Resp: 1331738

Ion Ratio Lower Upper

62 100

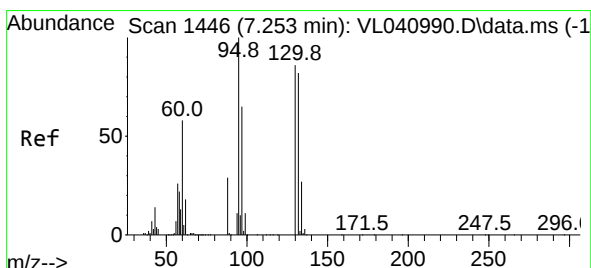
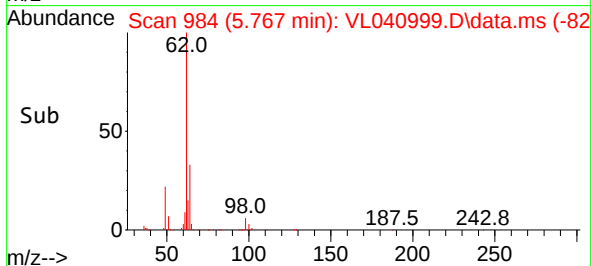
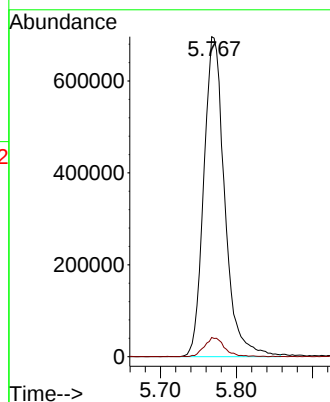
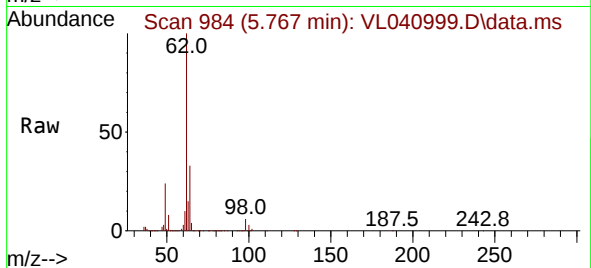
98 5.9 4.7 7.1

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Trichloroethene

Concen: 9.583 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Tgt Ion:130 Resp: 861190

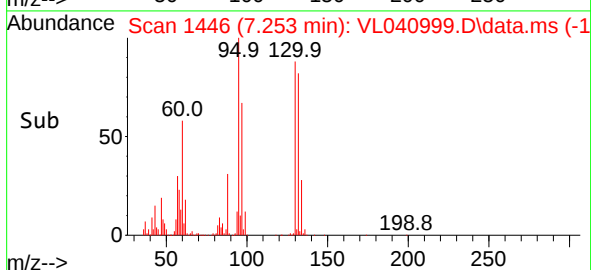
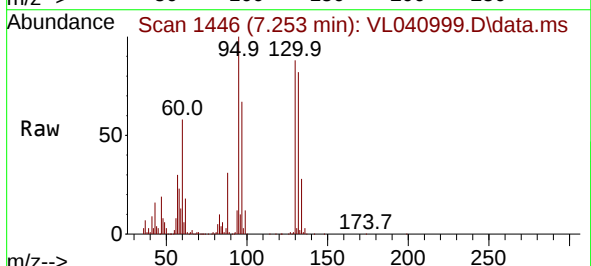
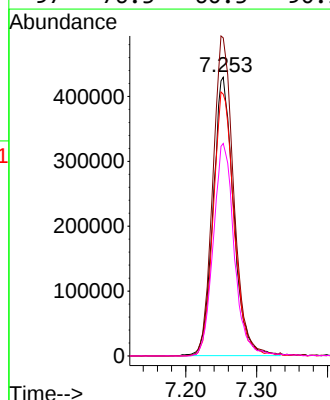
Ion Ratio Lower Upper

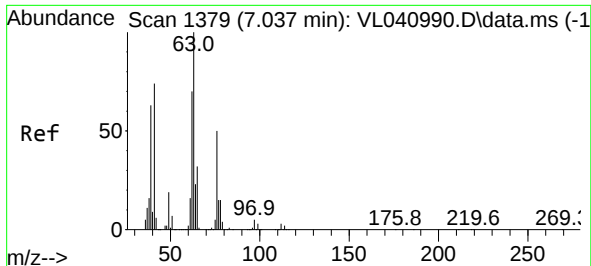
130 100

95 114.2 92.9 139.3

132 94.0 76.2 114.2

97 76.3 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.620 ppbv

RT: 7.037 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

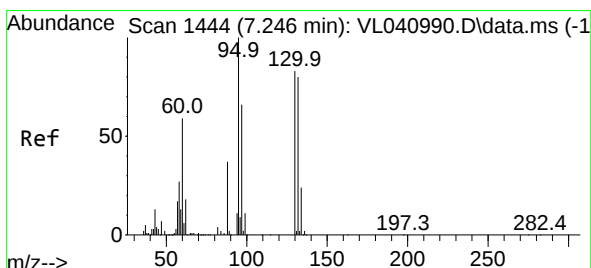
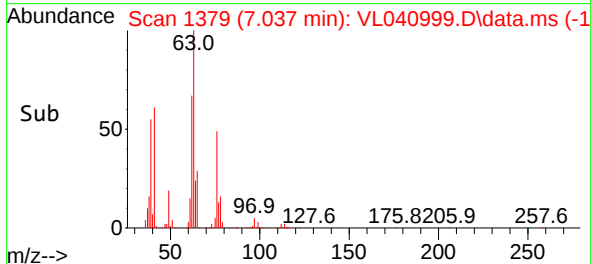
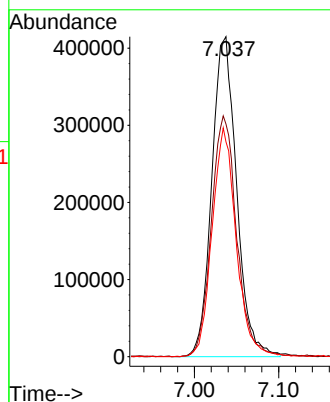
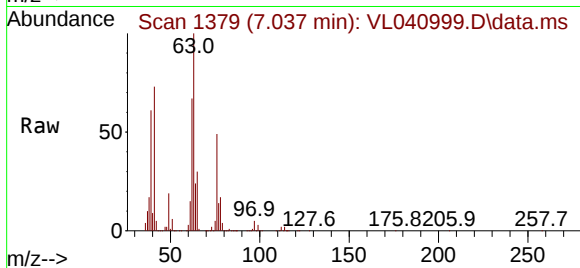
Tgt Ion: 63 Resp: 849494

Ion	Ratio	Lower	Upper
63	100		
41	72.7	59.6	89.4
62	67.1	55.6	83.4

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



#40

1,4-Dioxane

Concen: 9.292 ppbv

RT: 7.246 min Scan# 1444

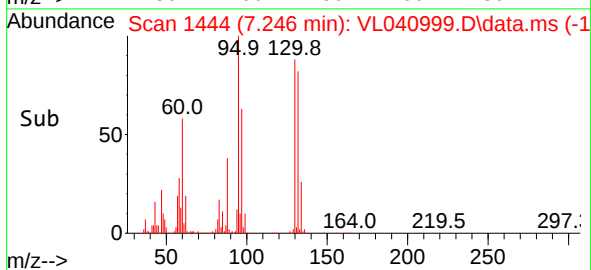
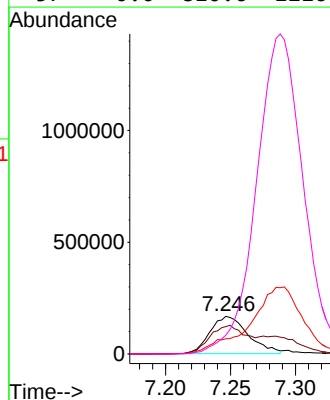
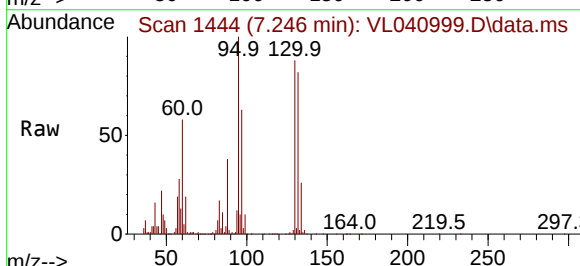
Delta R.T. -0.000 min

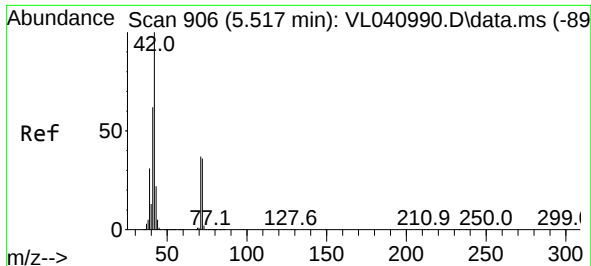
Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Tgt Ion: 88 Resp: 340828

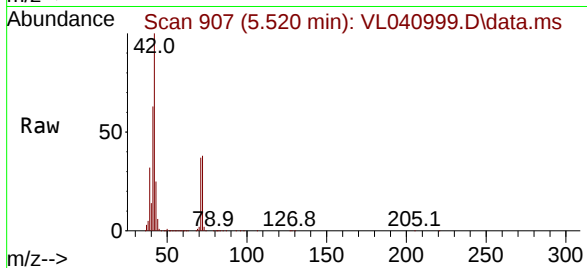
Ion	Ratio	Lower	Upper
88	100		
58	126.2	96.6	144.8
43	0.0	191.0	286.6#
57	0.0	810.6	1216.0#





#41
Tetrahydrofuran
Concen: 9.823 ppbv
RT: 5.520 min Scan# 906
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

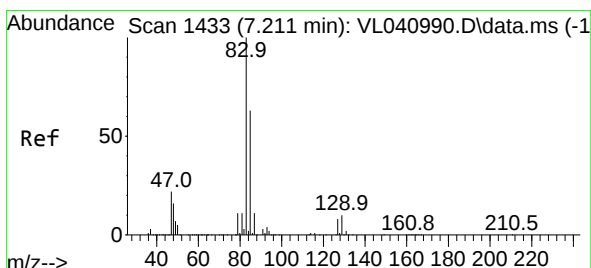
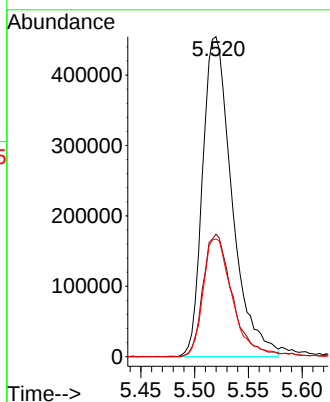
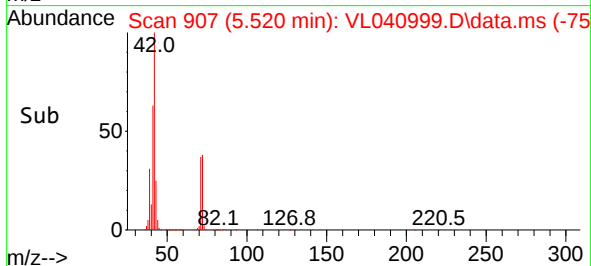
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



Tgt Ion: 42 Resp: 862479
Ion Ratio Lower Upper
42 100
72 39.1 30.0 45.0
71 37.7 29.5 44.3

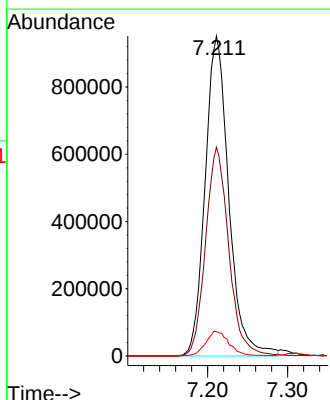
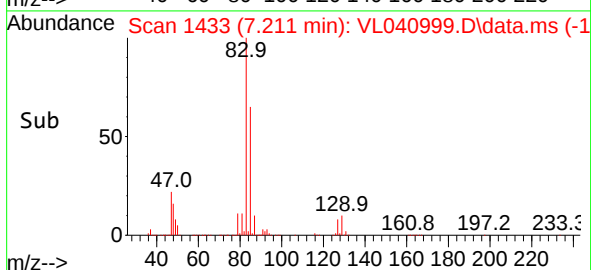
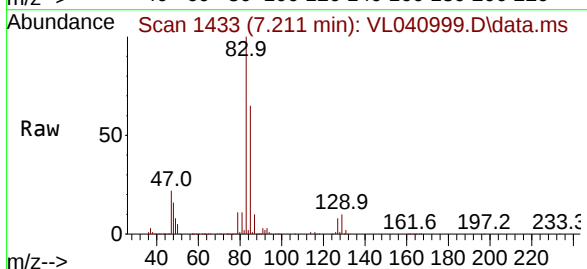
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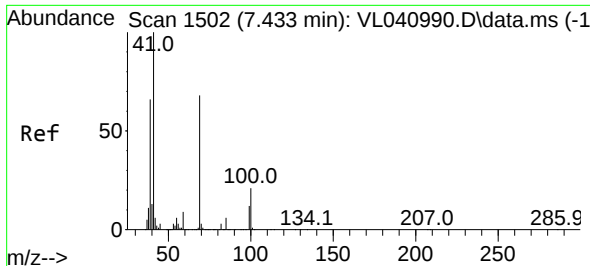
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
Bromodichloromethane
Concen: 9.986 ppbv
RT: 7.211 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

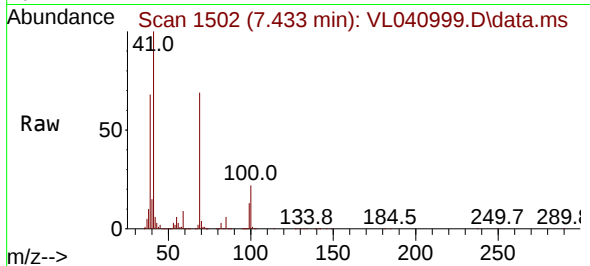
Tgt Ion: 83 Resp: 1954607
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 7.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.417 ppbv
RT: 7.433 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

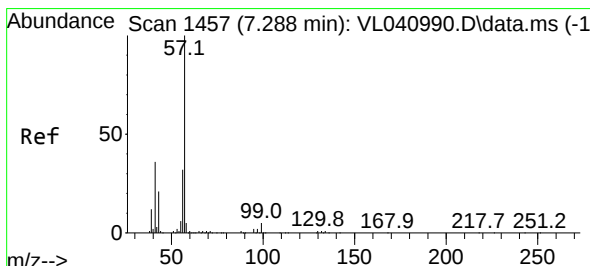
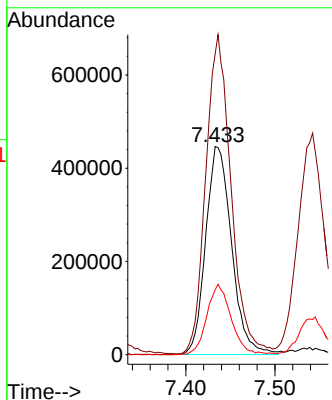
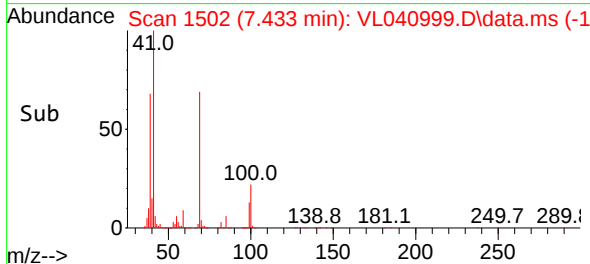
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



Tgt Ion: 69 Resp: 90106
Ion Ratio Lower Upper
69 100
41 150.3 120.2 180.2
100 31.8 24.6 36.8

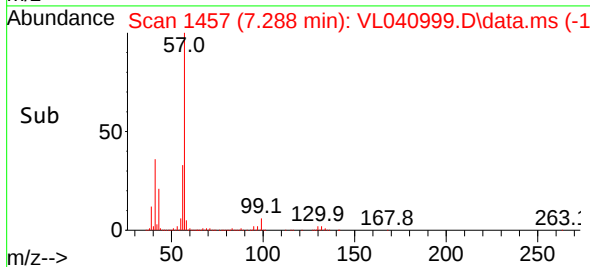
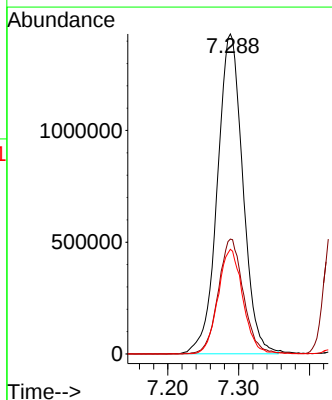
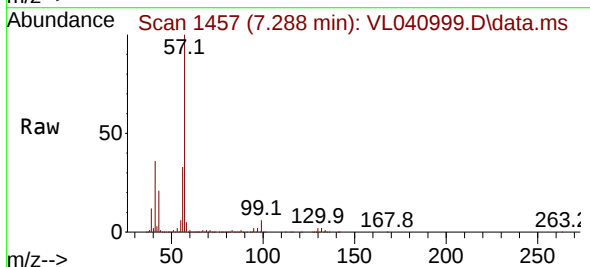
Manual Integrations
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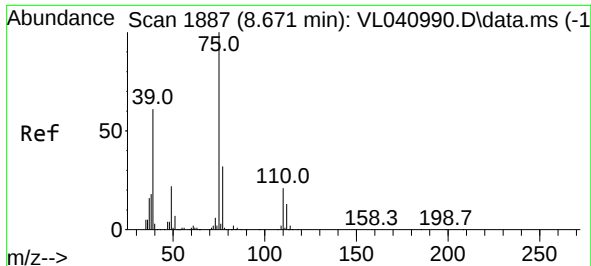
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 9.471 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion: 57 Resp: 3572318
Ion Ratio Lower Upper
57 100
41 35.5 28.6 43.0
56 32.1 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.260 ppbv

RT: 8.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion: 75 Resp: 66553

Ion Ratio Lower Upper

75 100

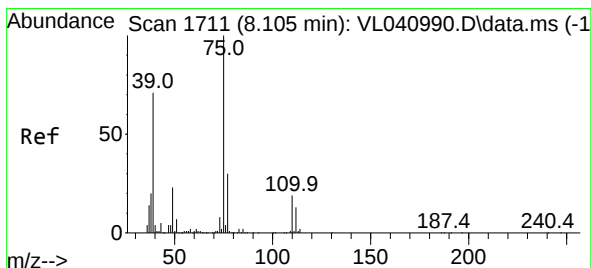
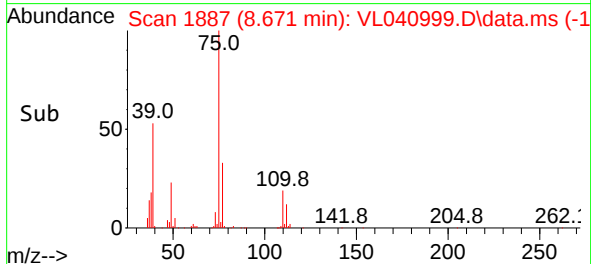
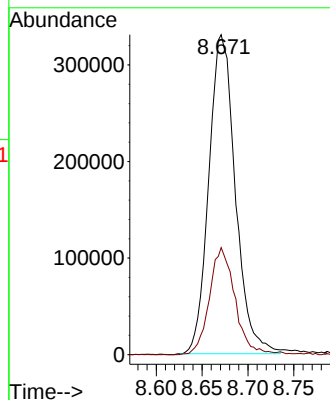
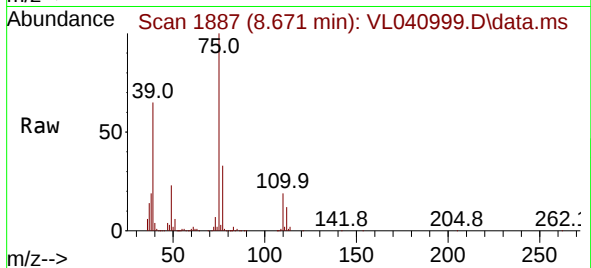
77 33.5 25.3 37.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

cis-1,3-Dichloropropene

Concen: 10.666 ppbv

RT: 8.102 min Scan# 1710

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

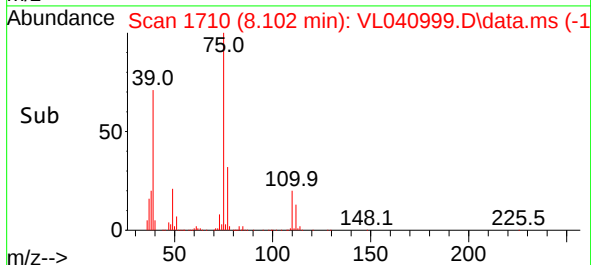
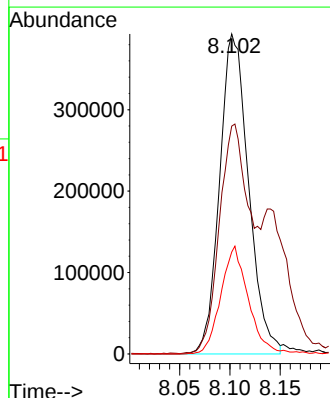
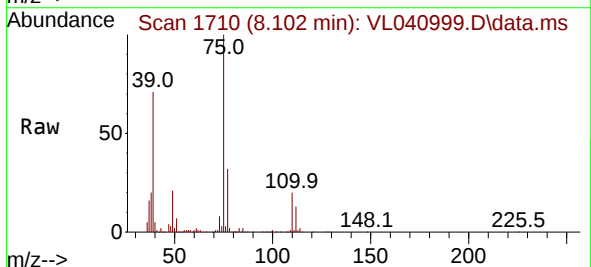
Tgt Ion: 75 Resp: 786152

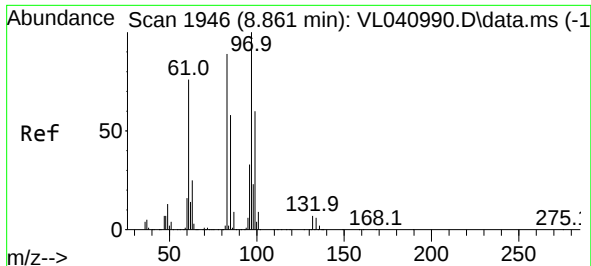
Ion Ratio Lower Upper

75 100

39 71.1 57.3 85.9

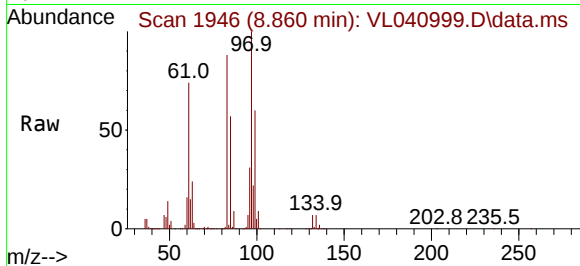
77 31.9 24.3 36.5





#47
1,1,2-Trichloroethane
Concen: 9.714 ppbv
RT: 8.860 min Scan# 1946
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

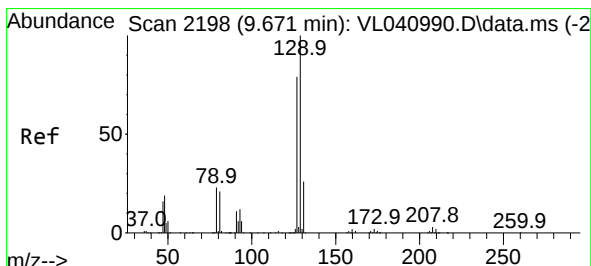
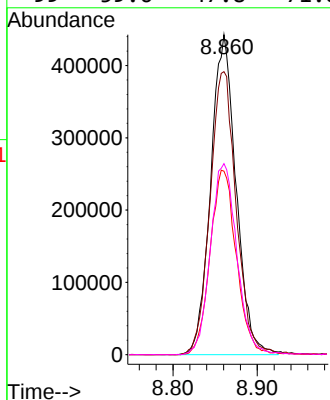
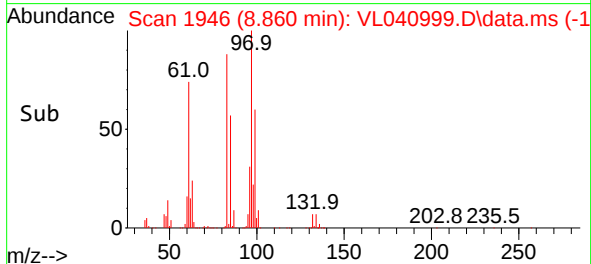
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



Tgt Ion: 97 Resp: 924618
Ion Ratio Lower Upper
97 100
83 88.4 71.5 107.3
85 57.4 46.1 69.1
99 59.6 47.8 71.8

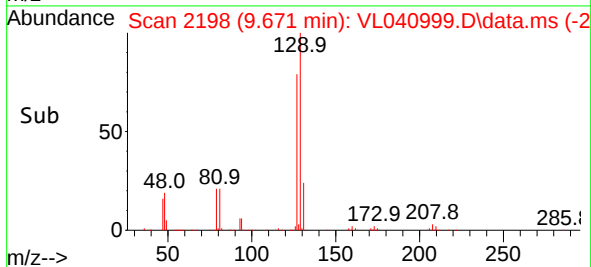
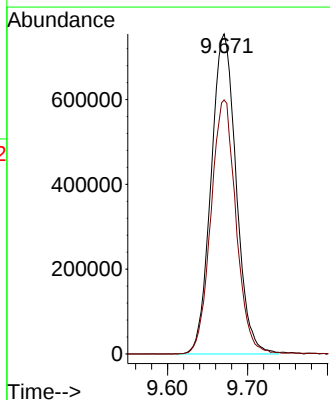
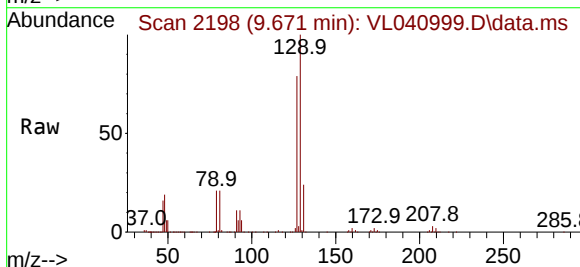
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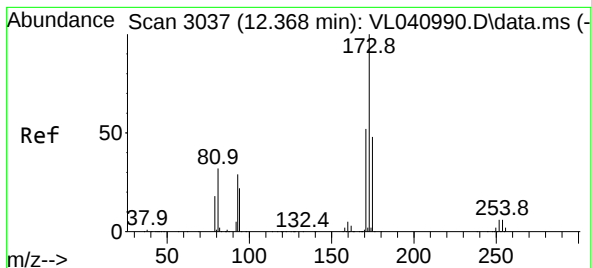
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Dibromochloromethane
Concen: 10.219 ppbv
RT: 9.671 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion:129 Resp: 1644506
Ion Ratio Lower Upper
129 100
127 79.8 39.6 119.0





#49

Bromoform

Concen: 10.667 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion:173 Resp: 134644

Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.4

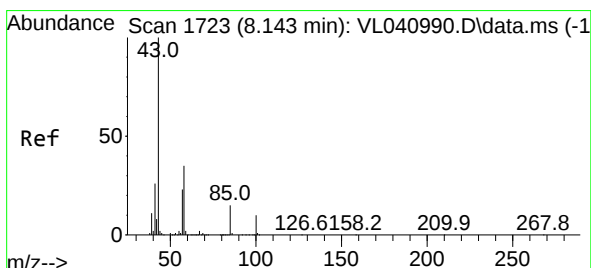
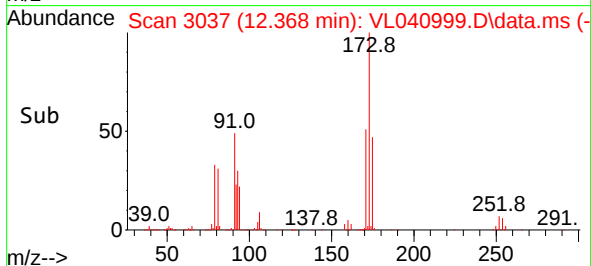
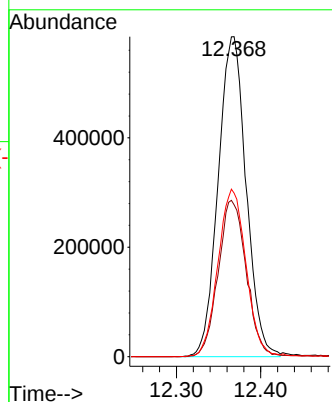
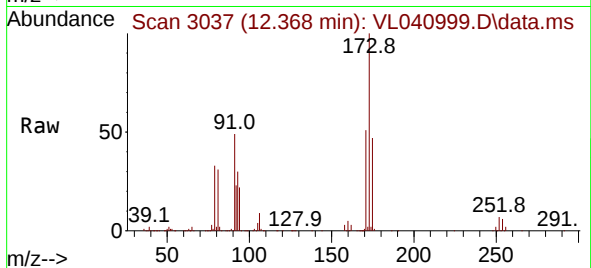
171 52.8 42.0 63.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#50

4-Methyl-2-Pentanone

Concen: 10.172 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VL040999.D

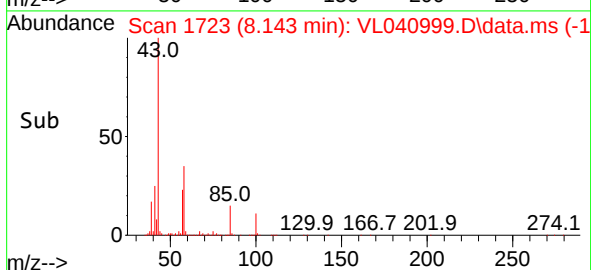
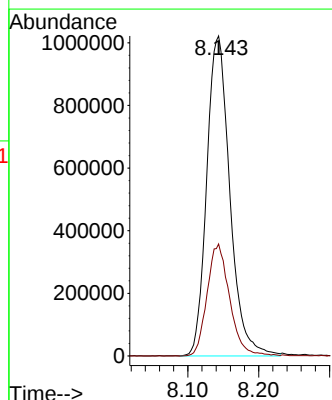
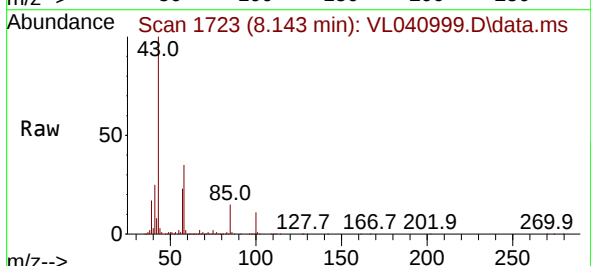
Acq: 23 Jan 2024 16:45

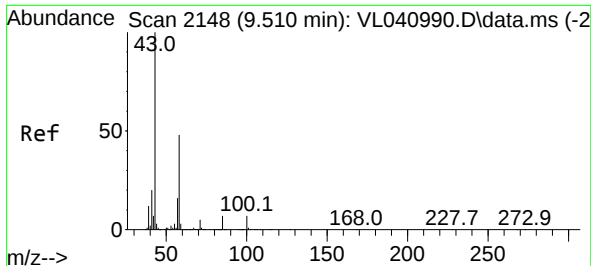
Tgt Ion: 43 Resp: 2316310

Ion Ratio Lower Upper

43 100

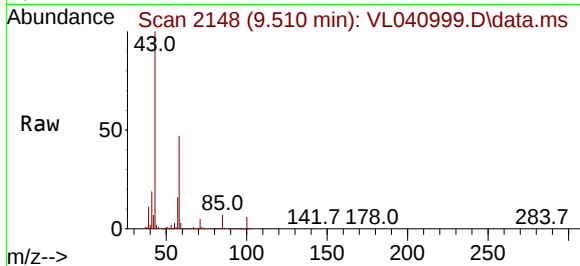
58 34.3 27.8 41.8





#51
2-Hexanone
Concen: 10.283 ppbv
RT: 9.510 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

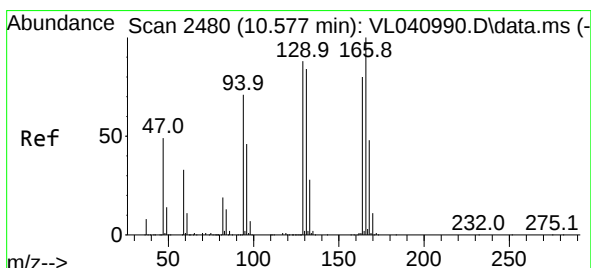
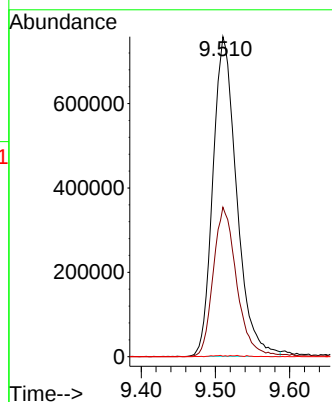
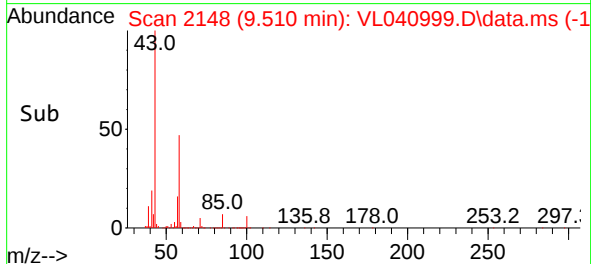
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



Tgt Ion: 43 Resp: 168787
Ion Ratio Lower Upper
43 100
58 46.5 36.8 55.2
98 0.5 0.3 0.5

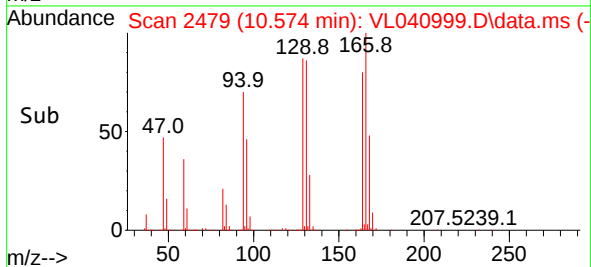
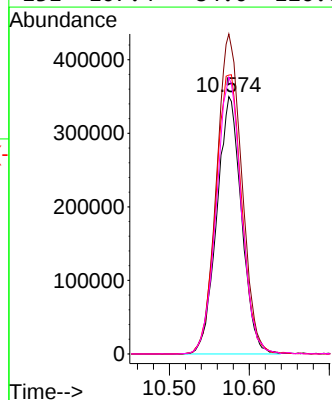
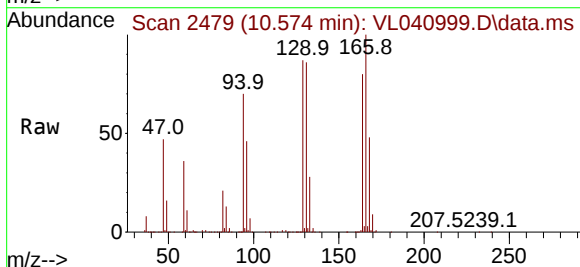
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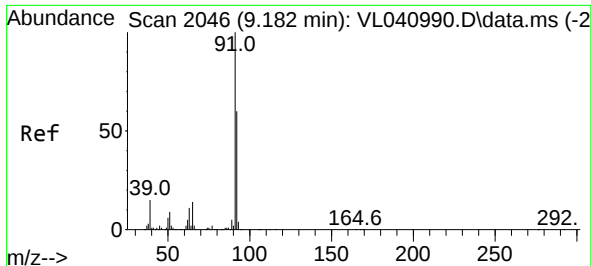
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 10.051 ppbv
RT: 10.574 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

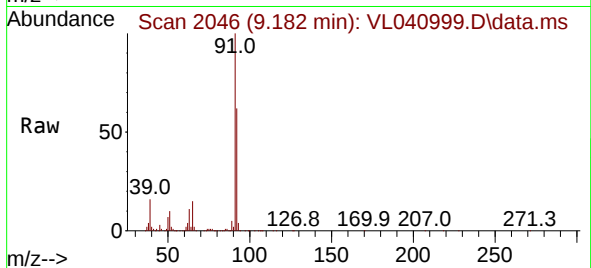
Tgt Ion:164 Resp: 748193
Ion Ratio Lower Upper
164 100
166 124.4 100.2 150.2
129 108.3 87.9 131.9
131 107.4 84.0 126.0





#53
Toluene
Concen: 10.136 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

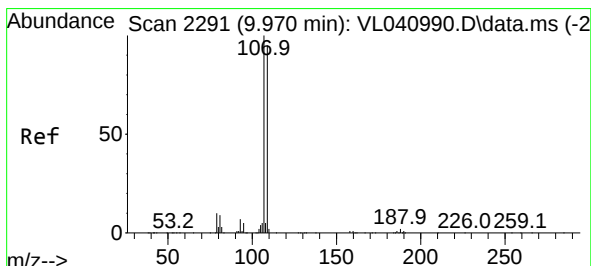
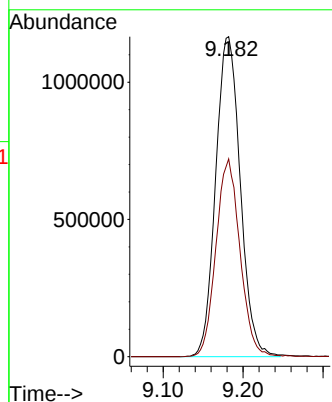
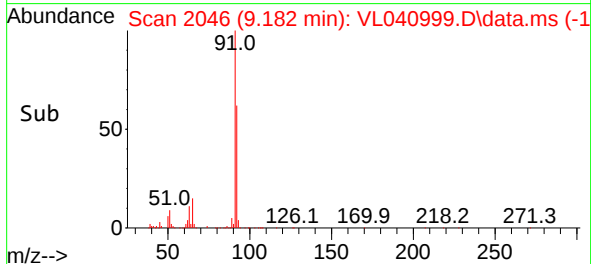
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



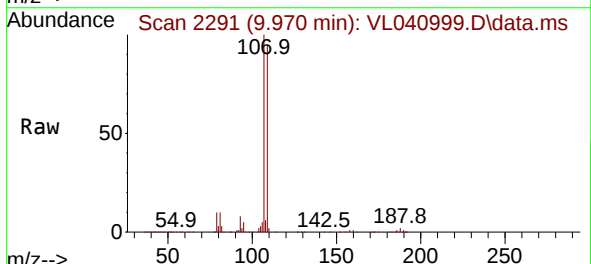
Tgt Ion: 91 Resp: 248899
Ion Ratio Lower Upper
91 100
92 60.5 48.6 72.8

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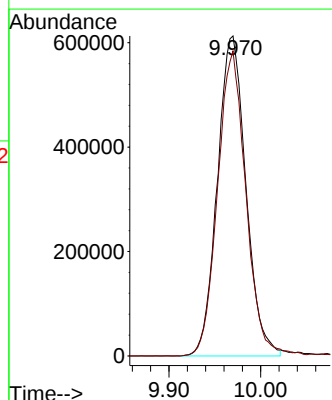
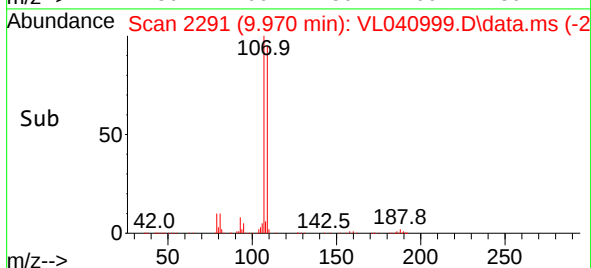
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

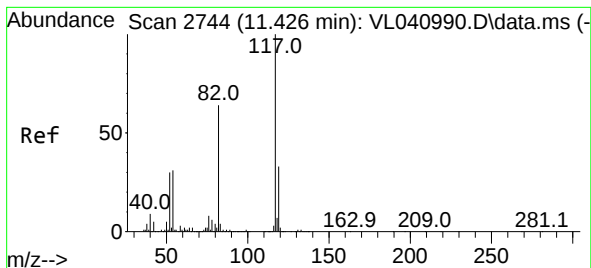


#54
1,2-Dibromoethane
Concen: 10.273 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



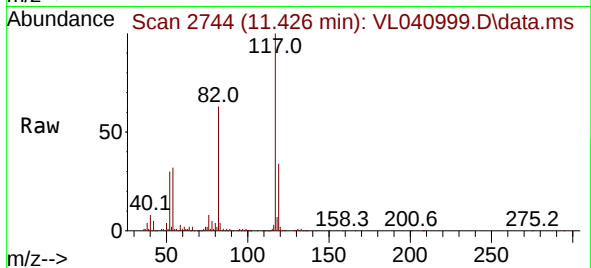
Tgt Ion:107 Resp: 1324290
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

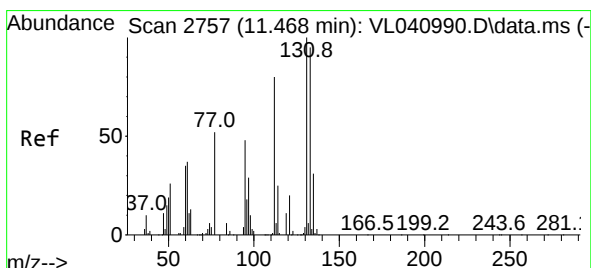
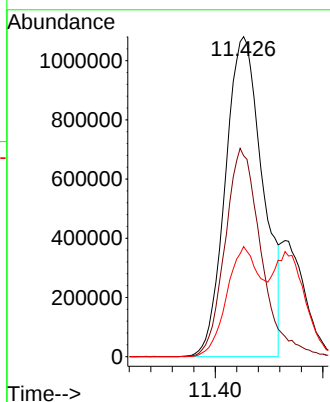
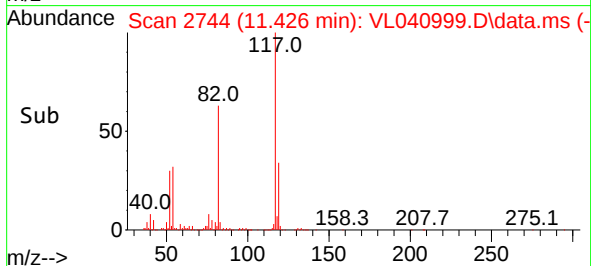
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



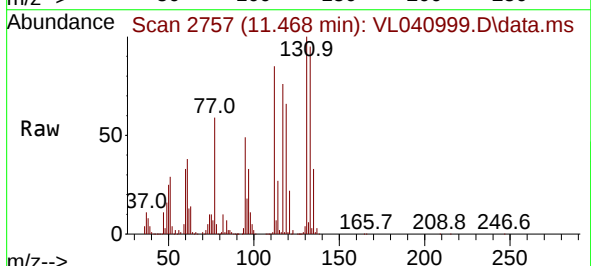
Tgt Ion:117 Resp: 260896
Ion Ratio Lower Upper
117 100
82 63.7 51.7 77.5
119 30.1 23.8 35.6

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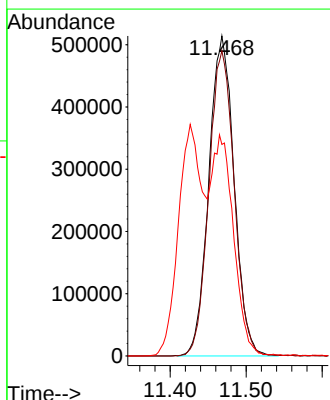
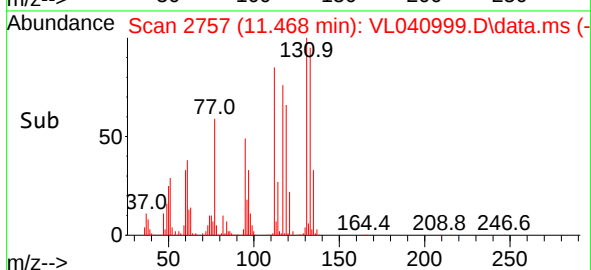
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

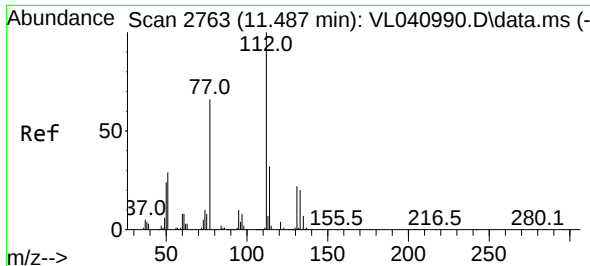


#56
1,1,1,2-Tetrachloroethane
Concen: 9.463 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



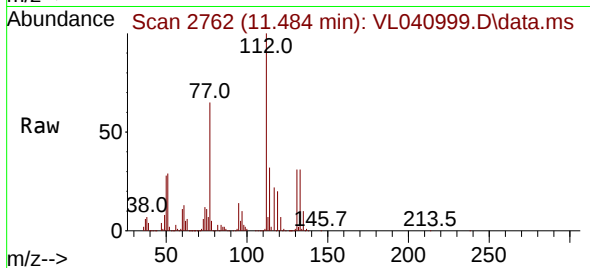
Tgt Ion:131 Resp: 1184540
Ion Ratio Lower Upper
131 100
133 95.7 75.9 113.9
119 61.6 49.2 73.8





#57
Chlorobenzene
Concen: 9.230 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

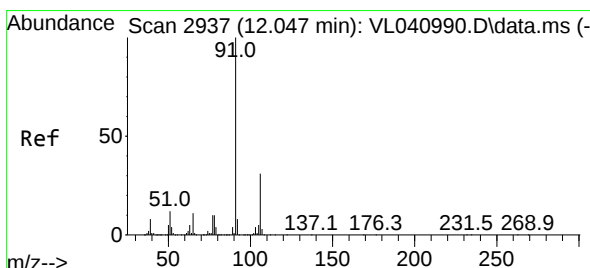
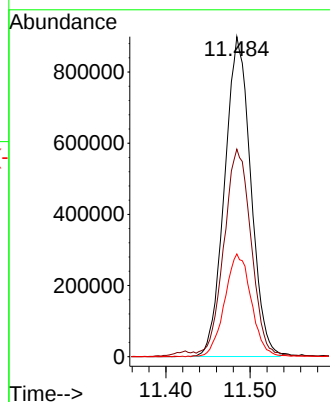
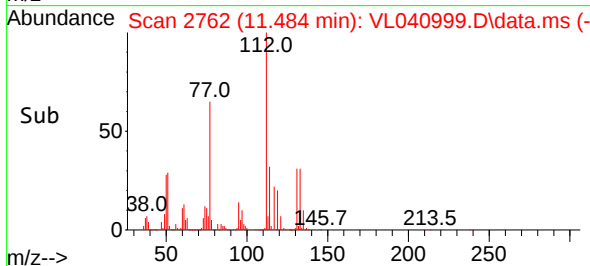
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



Tgt Ion:112 Resp: 193694
Ion Ratio Lower Upper
112 100
77 63.7 53.4 80.0
114 32.1 29.1 35.5

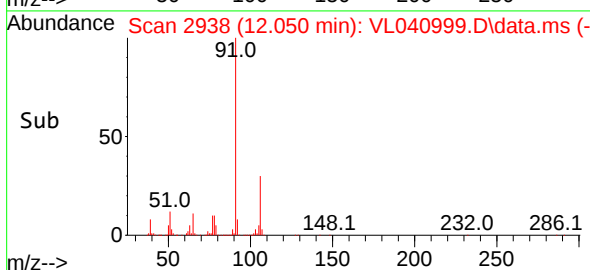
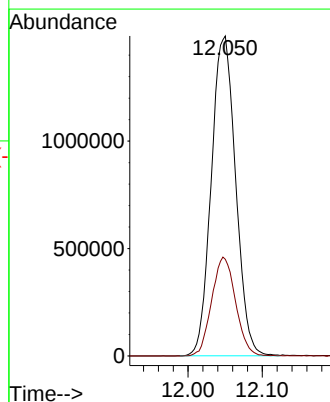
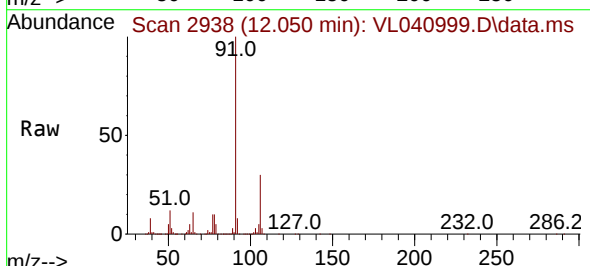
Manual Integrations
APPROVED

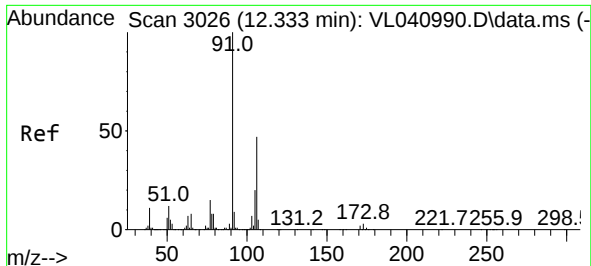
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
Ethyl Benzene
Concen: 9.672 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

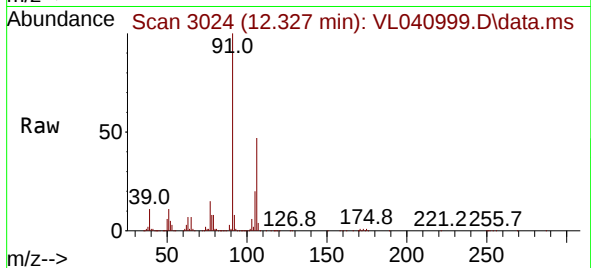
Tgt Ion: 91 Resp: 3388504
Ion Ratio Lower Upper
91 100
106 30.2 24.8 37.2





#59
m/p-Xylene
Concen: 19.125 ppbv m
RT: 12.327 min Scan# 3026
Delta R.T. -0.006 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

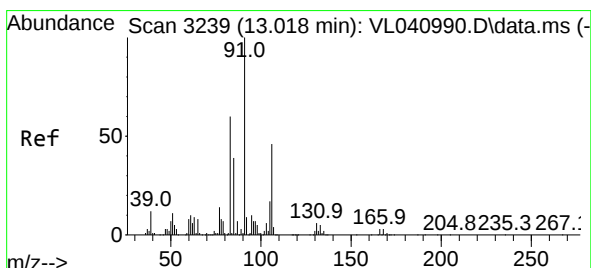
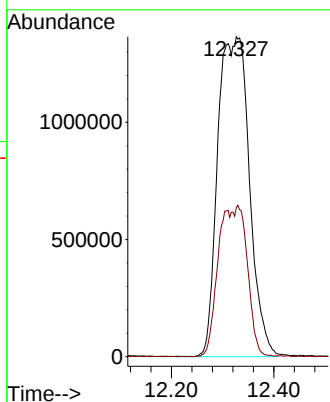
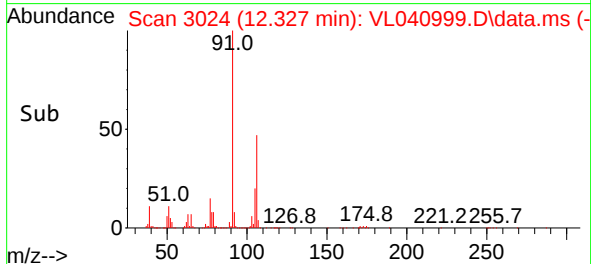
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



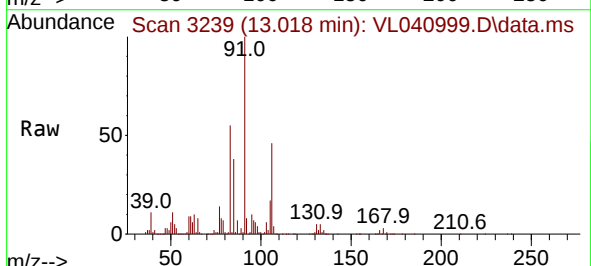
Tgt Ion: 91 Resp: 5841870
Ion Ratio Lower Upper
91 100
106 43.4 34.9 52.3

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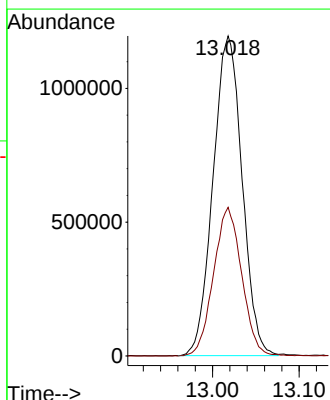
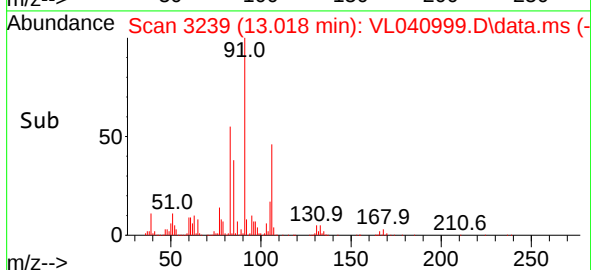
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

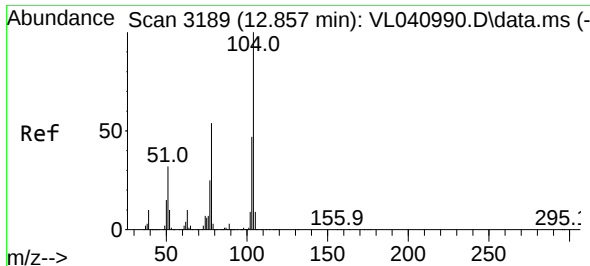


#60
o-Xylene
Concen: 9.507 ppbv
RT: 13.018 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



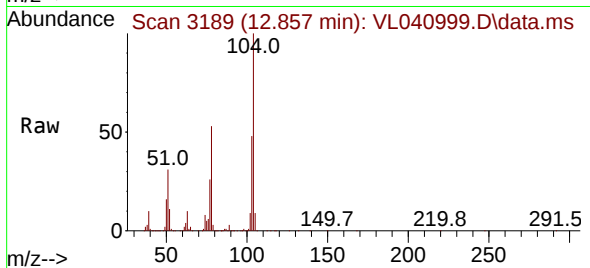
Tgt Ion: 91 Resp: 2786332
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.7





#61
Styrene
Concen: 10.543 ppbv
RT: 12.857 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

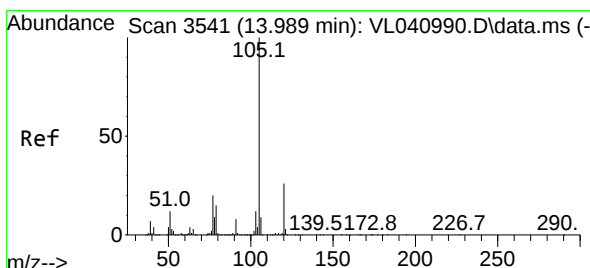
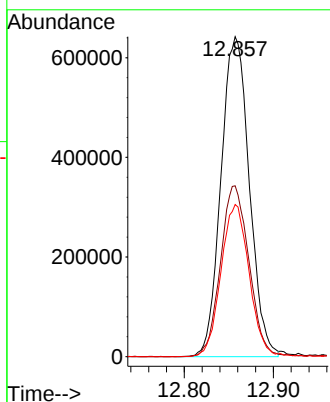
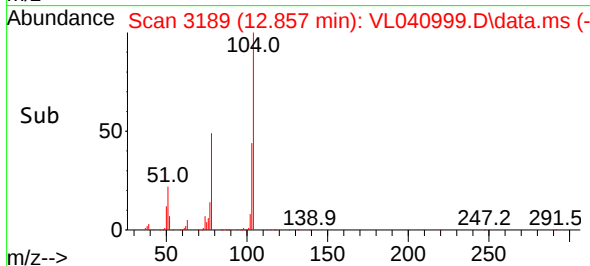
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



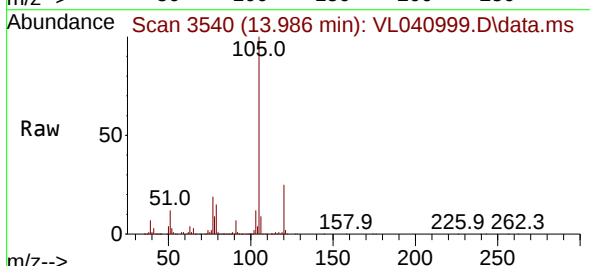
Tgt Ion:104 Resp: 141881
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 47.6 37.6 56.4

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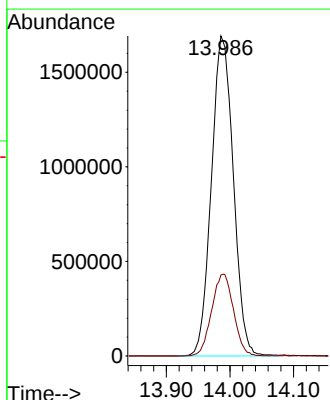
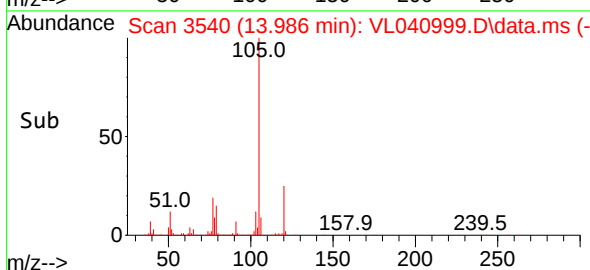
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

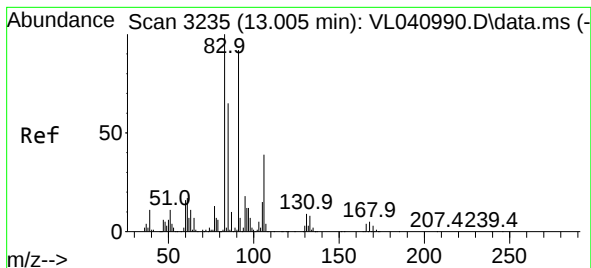


#62
Isopropylbenzene
Concen: 9.344 ppbv
RT: 13.986 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



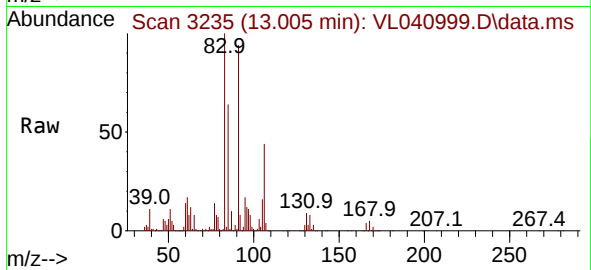
Tgt Ion:105 Resp: 4049809
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.130 ppbv
RT: 13.005 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

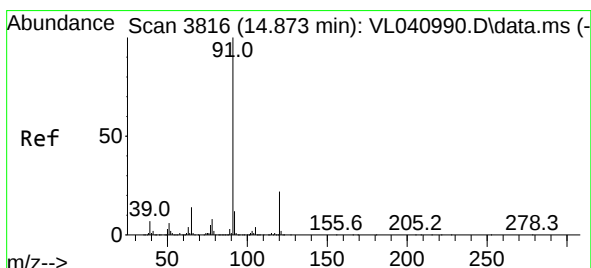
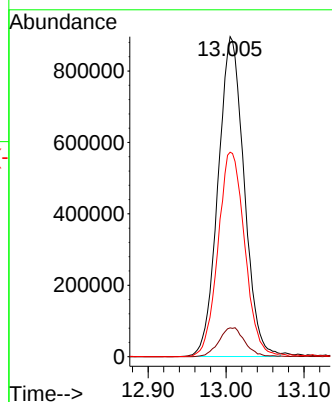
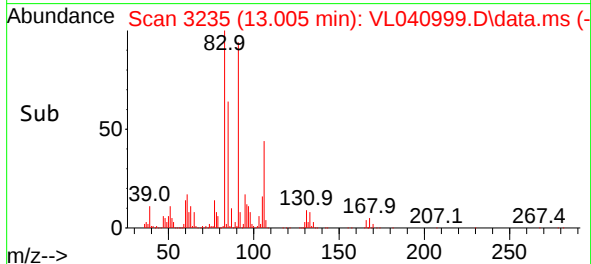
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



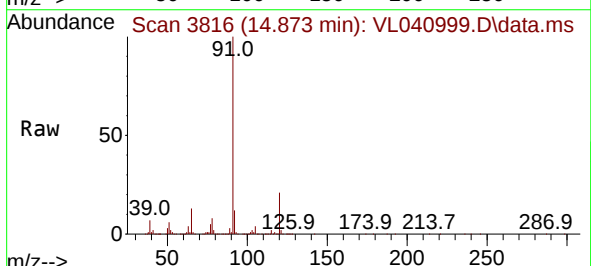
Tgt Ion: 83 Resp: 2079600
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.0 33.0 99.0

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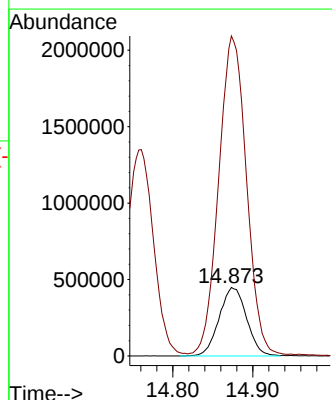
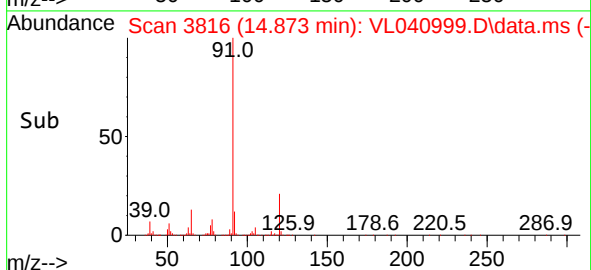
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

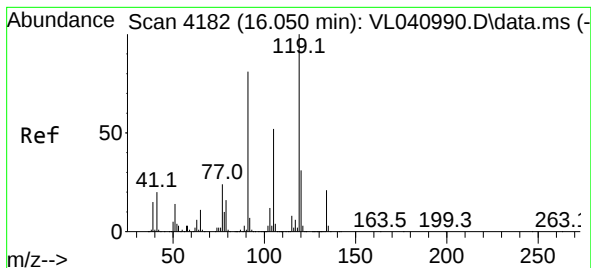


#64
n-propylbenzene
Concen: 9.742 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion:120 Resp: 1066771
Ion Ratio Lower Upper
120 100
91 476.3 390.6 585.8





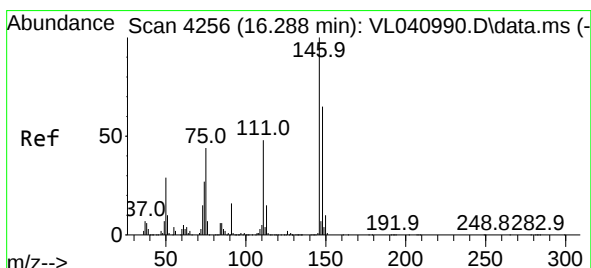
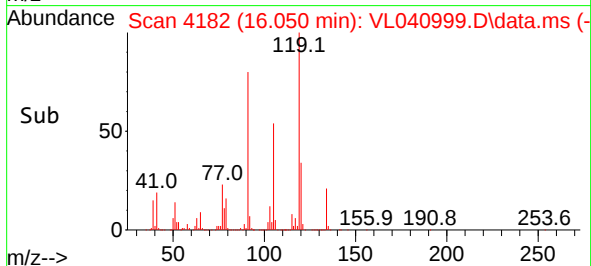
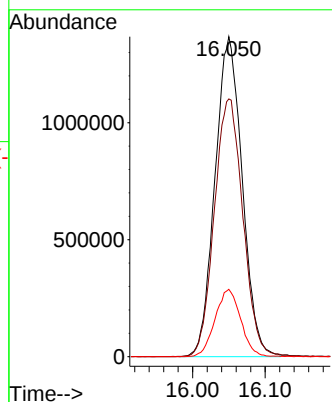
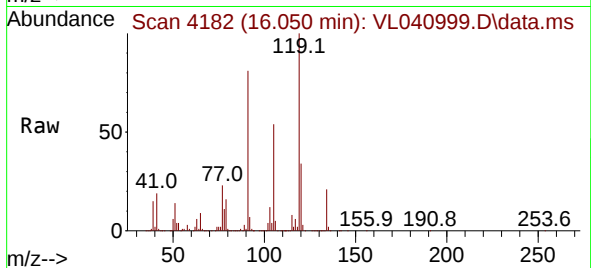
#65
tert-Butylbenzene
Concen: 9.416 ppbv
RT: 16.050 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion:119 Resp: 356570
Ion Ratio Lower Upper
119 100
91 84.7 67.6 101.4
134 19.9 16.1 24.1

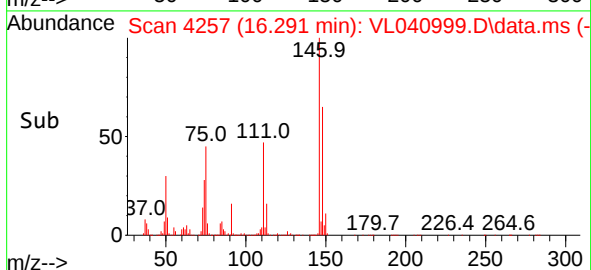
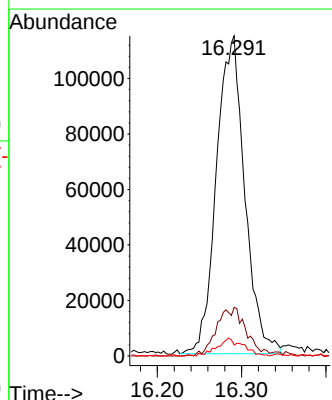
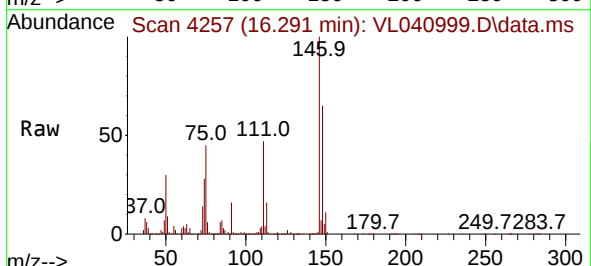
Manual Integrations
APPROVED

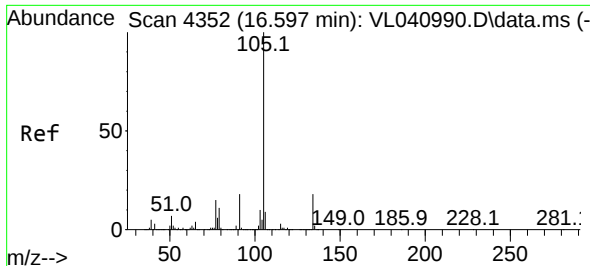
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
Benzyl Chloride
Concen: 10.755 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

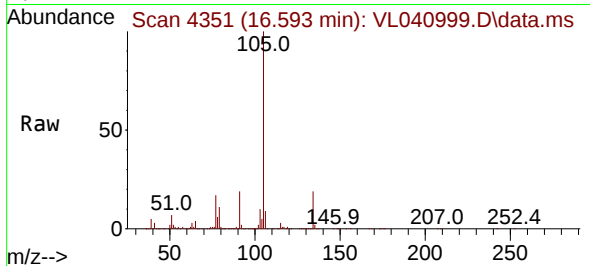
Tgt Ion: 91 Resp: 266878
Ion Ratio Lower Upper
91 100
126 16.8 13.6 20.4
128 5.4 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.119 ppbv
 RT: 16.593 min Scan# 4351
 Delta R.T. -0.003 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

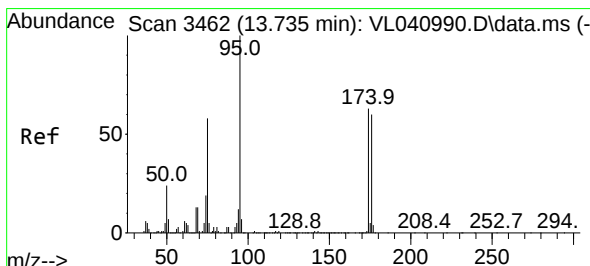
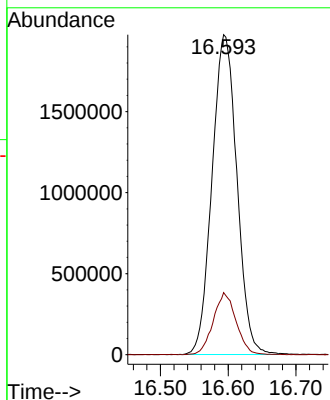
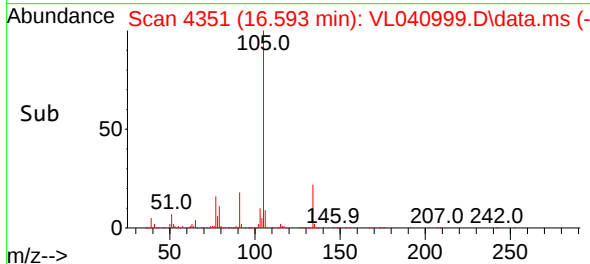
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABS01



Tgt Ion:105 Resp: 5028249
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

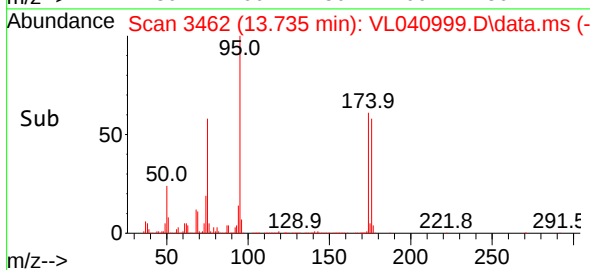
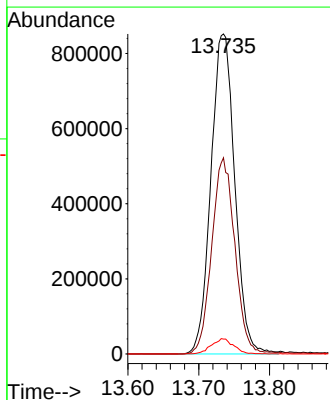
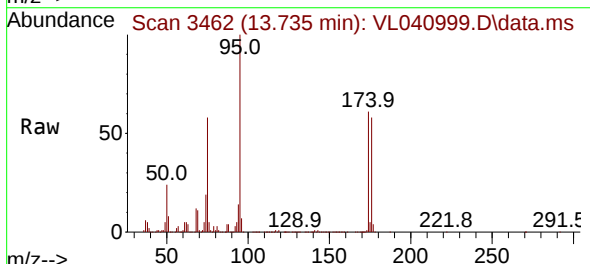
Manual Integrations
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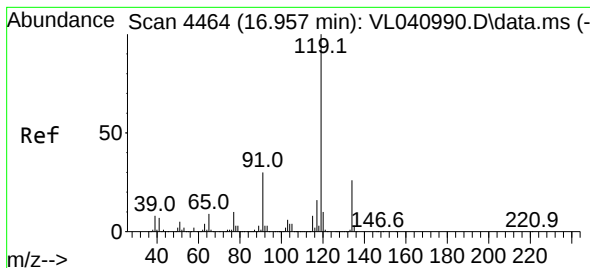
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.113 ppbv
 RT: 13.735 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

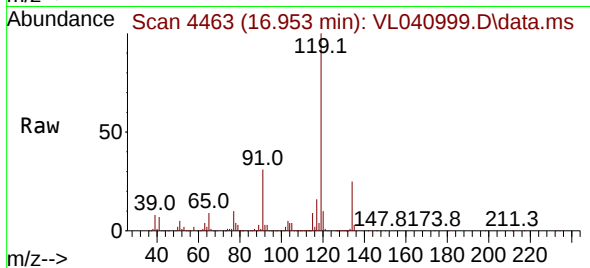
Tgt Ion: 95 Resp: 1992769
 Ion Ratio Lower Upper
 95 100
 174 59.8 49.1 73.7
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.566 ppbv
RT: 16.953 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

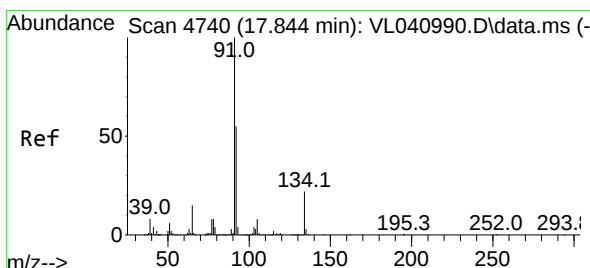
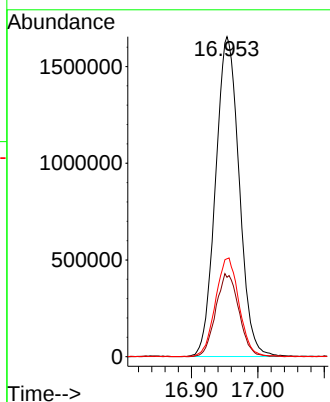
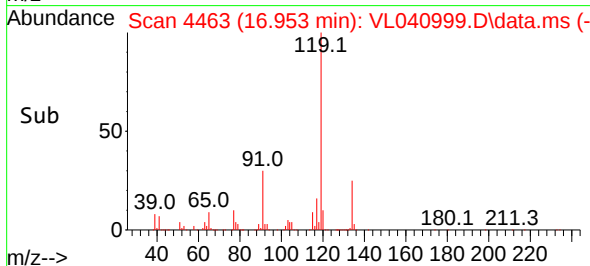
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



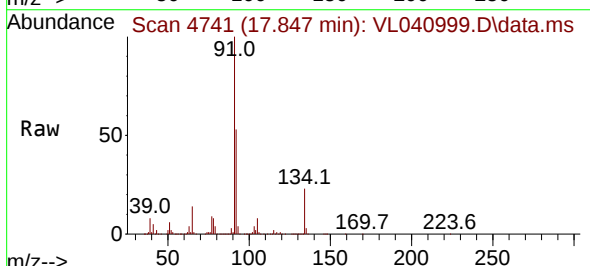
Tgt Ion: 119 Resp: 408583
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 30.8 24.5 36.7

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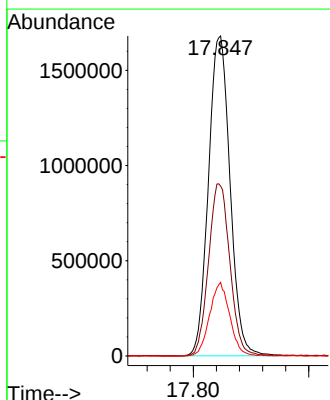
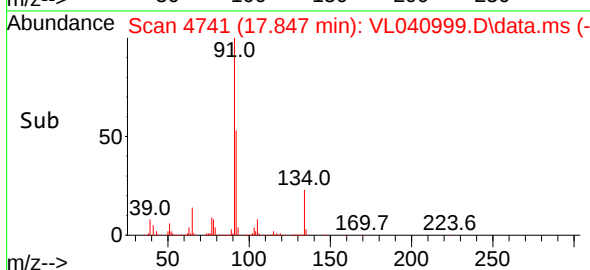
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

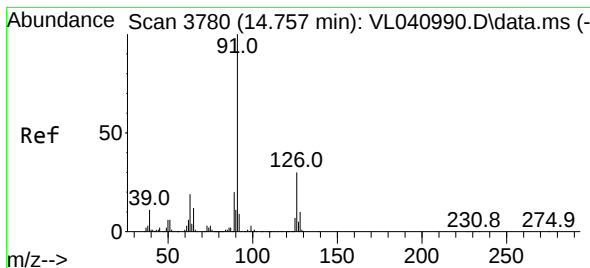


#70
n-Butylbenzene
Concen: 9.441 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion: 91 Resp: 4357161
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.0
134 21.5 17.4 26.0





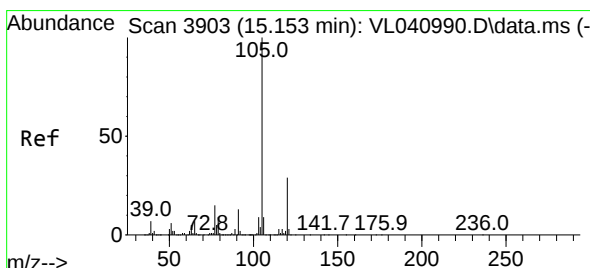
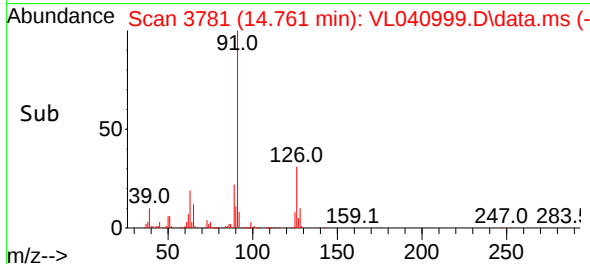
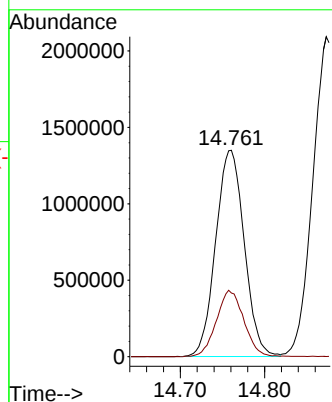
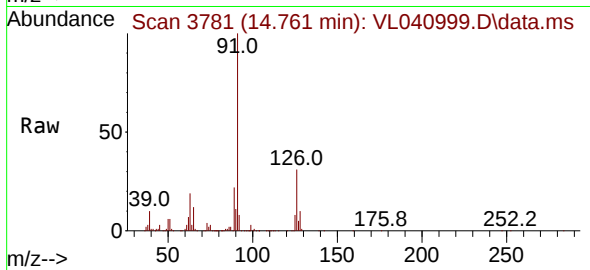
#71
2-Chlorotoluene
Concen: 9.494 ppbv
RT: 14.761 min Scan# 317496
Delta R.T. 0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01

Tgt Ion: 91 Resp: 317496
Ion Ratio Lower Upper
91 100
126 31.0 12.3 49.1

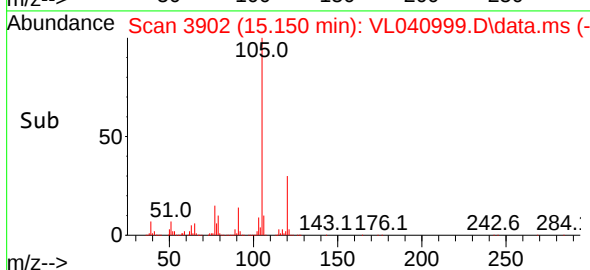
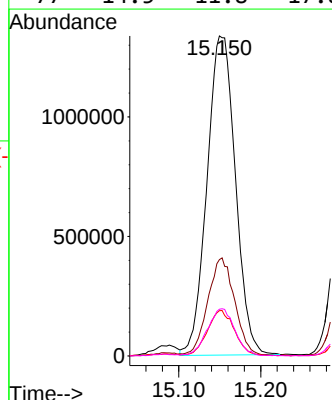
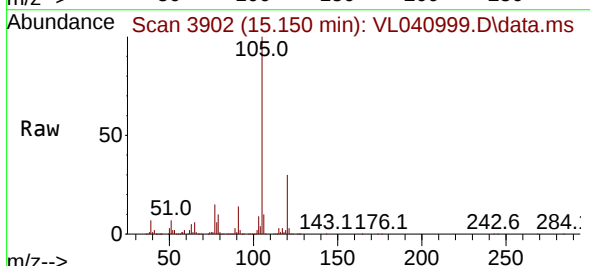
Manual Integrations
APPROVED

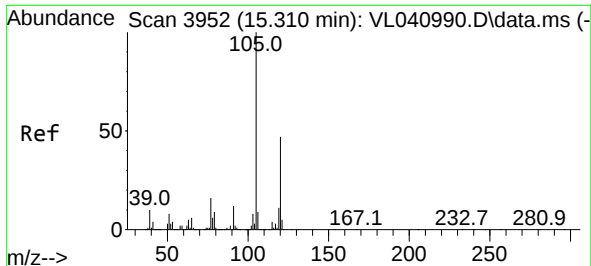
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#72
4-Ethyltoluene
Concen: 9.838 ppbv
RT: 15.150 min Scan# 3902
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Tgt Ion:105 Resp: 3220247
Ion Ratio Lower Upper
105 100
120 29.5 24.3 36.5
91 14.5 11.0 16.4
77 14.5 11.8 17.8





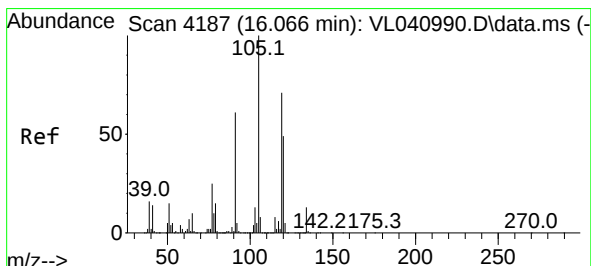
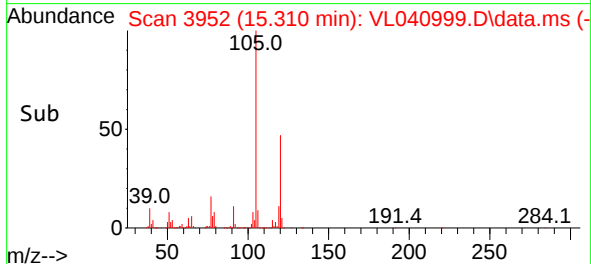
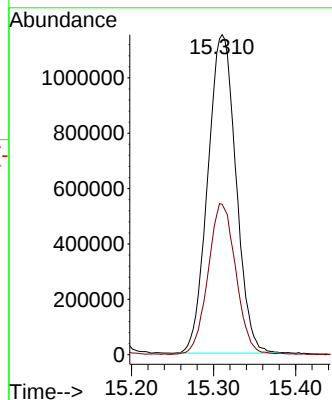
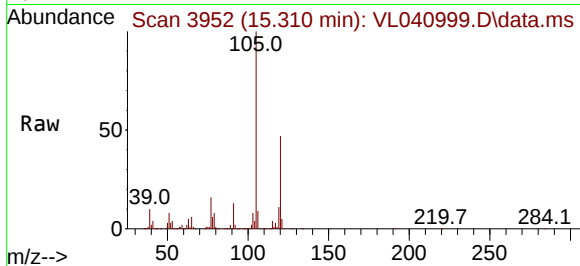
#73
1,3,5-Trimethylbenzene
Concen: 9.480 ppbv
RT: 15.310 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

Instrument : MSVOA_L
ClientSampleId : VL0123ABS01

Tgt Ion:105 Resp: 275381
Ion Ratio Lower Upper
105 100
120 46.9 37.2 55.8

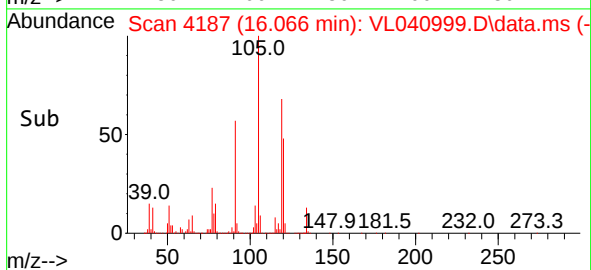
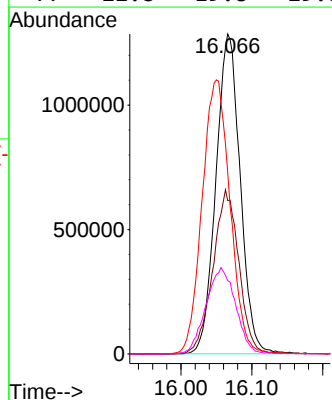
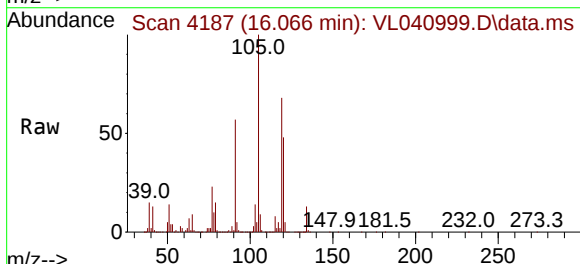
Manual Integrations
APPROVED

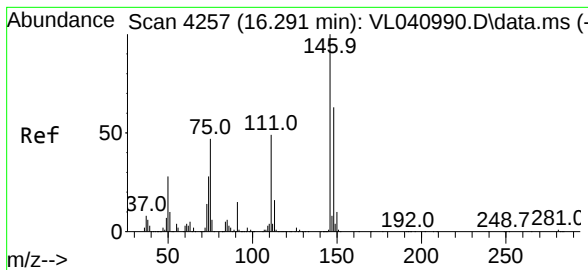
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.283 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. -0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

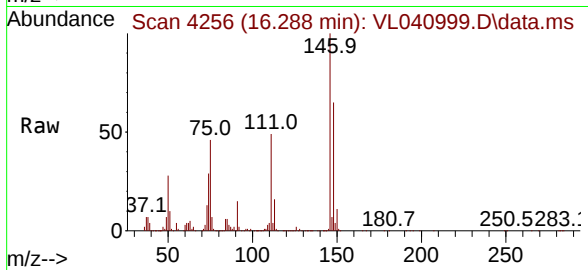
Tgt Ion:105 Resp: 3057056
Ion Ratio Lower Upper
105 100
120 47.7 39.3 58.9
91 56.4 48.7 73.1
77 22.8 19.8 29.8





#75
1,3-Dichlorobenzene
Concen: 9.307 ppbv
RT: 16.288 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45

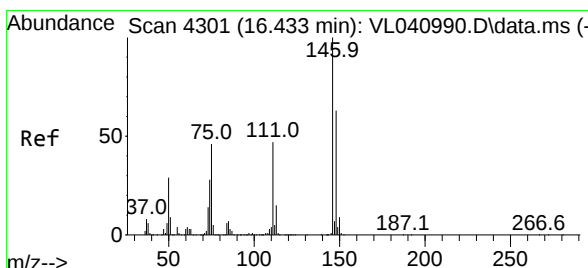
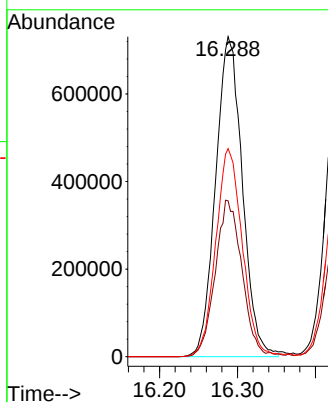
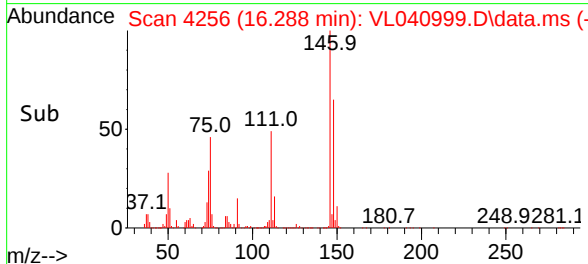
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABS01



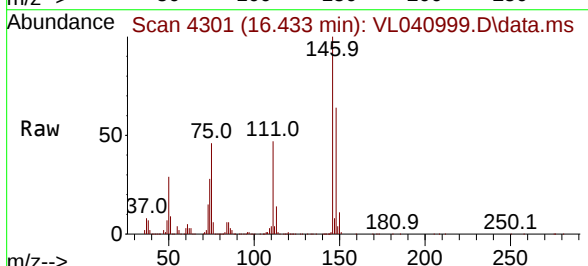
Tgt Ion:146 Resp: 174416
Ion Ratio Lower Upper
146 100
111 49.1 24.4 73.2
148 64.7 32.5 97.4

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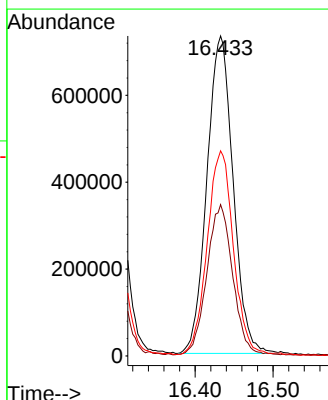
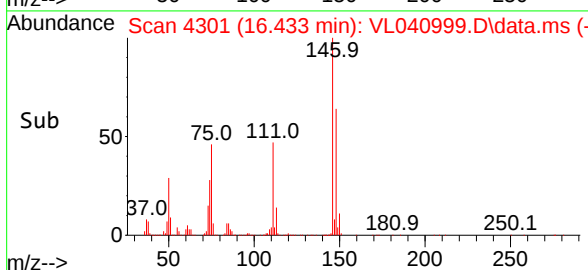
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

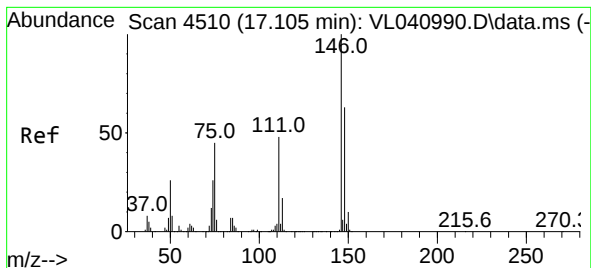


#76
1,4-Dichlorobenzene
Concen: 9.217 ppbv
RT: 16.433 min Scan# 4301
Delta R.T. 0.000 min
Lab File: VL040999.D
Acq: 23 Jan 2024 16:45



Tgt Ion:146 Resp: 1704428
Ion Ratio Lower Upper
146 100
111 47.8 24.0 72.0
148 65.6 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 9.125 ppbv

RT: 17.101 min Scan# 4509

Delta R.T. -0.003 min

Lab File: VL040999.D

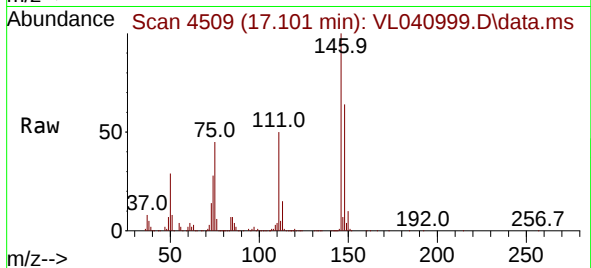
Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01



Tgt Ion:146 Resp: 1699719

Ion Ratio Lower Upper

146 100

111 50.6 24.8 74.3

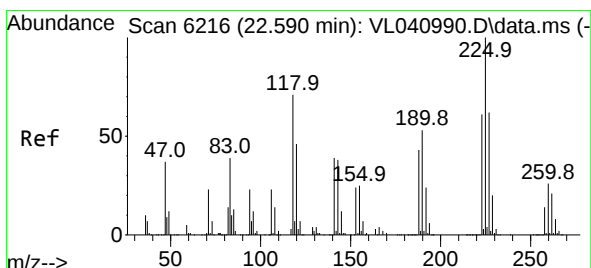
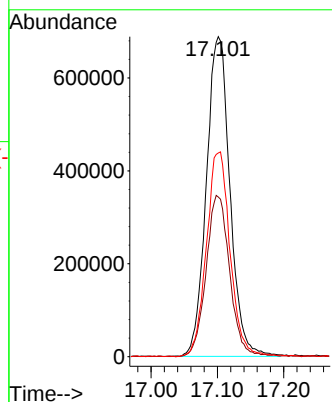
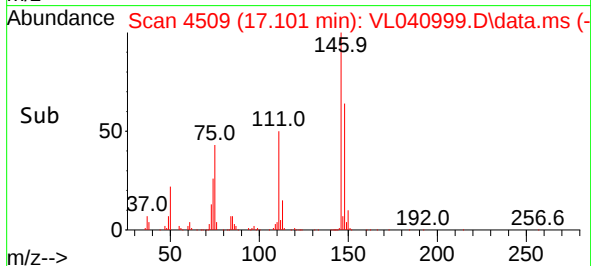
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.057 ppbv

RT: 22.587 min Scan# 6215

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

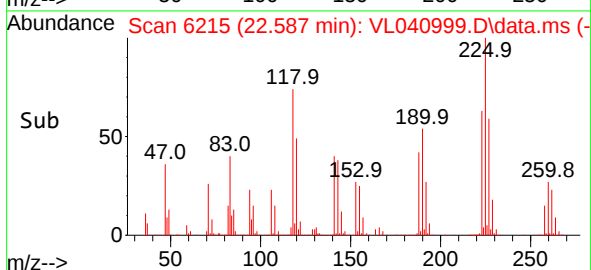
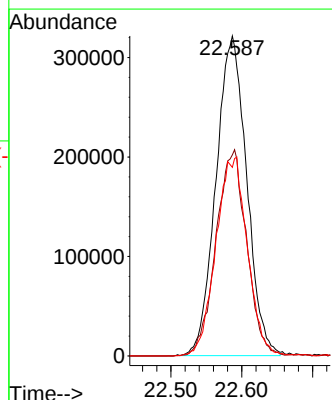
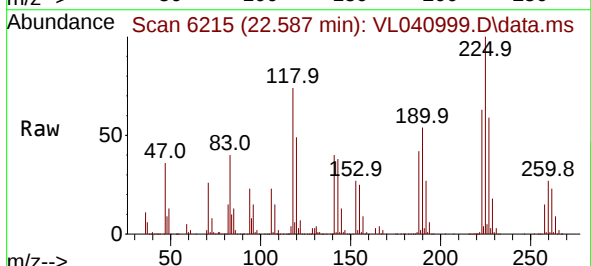
Tgt Ion:225 Resp: 967862

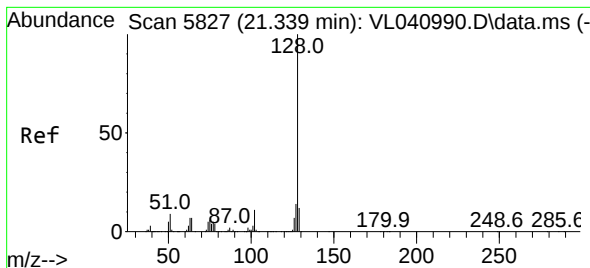
Ion Ratio Lower Upper

225 100

223 64.6 51.1 76.7

227 63.9 51.0 76.4





#79

Naphthalene

Concen: 11.904 ppbv

RT: 21.339 min Scan# 5827

Delta R.T. -0.000 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABS01

Tgt Ion:128 Resp: 223624

Ion Ratio Lower Upper

128 100

127 12.6 10.9 16.3

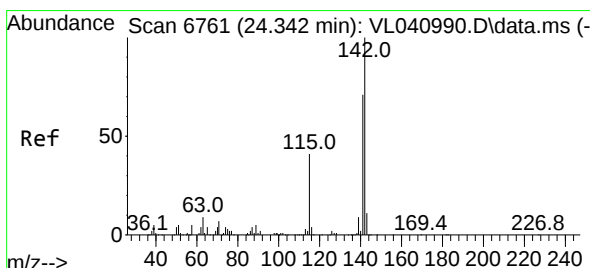
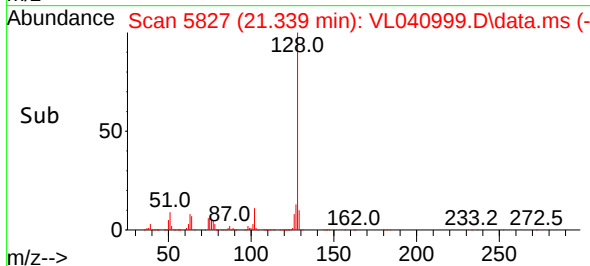
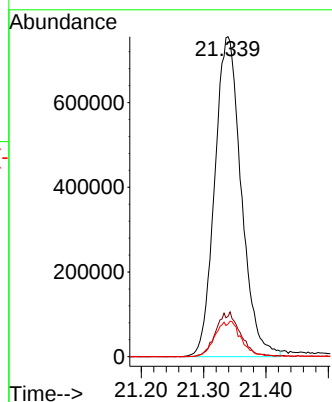
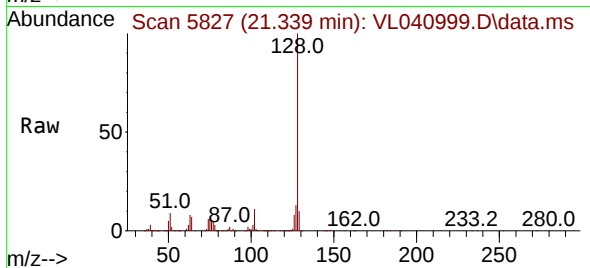
129 10.2 9.3 13.9

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#80

Naphthalene,2-methyl-

Concen: 13.359 ppbv

RT: 24.339 min Scan# 6760

Delta R.T. -0.003 min

Lab File: VL040999.D

Acq: 23 Jan 2024 16:45

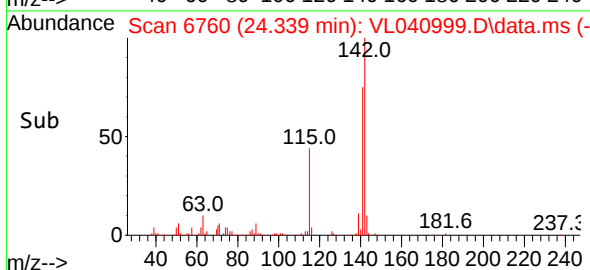
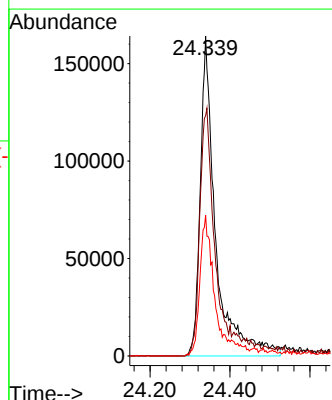
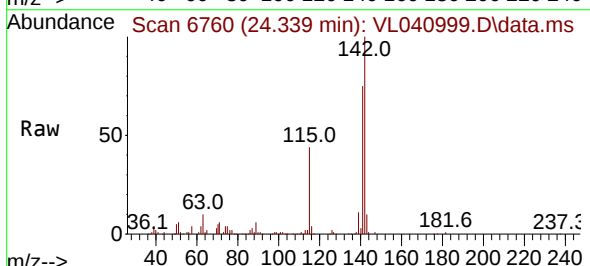
Tgt Ion:142 Resp: 440770

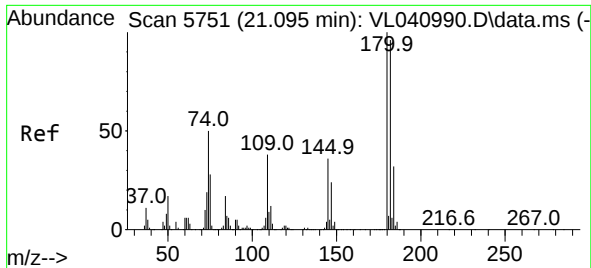
Ion Ratio Lower Upper

142 100

141 81.6 62.7 94.1

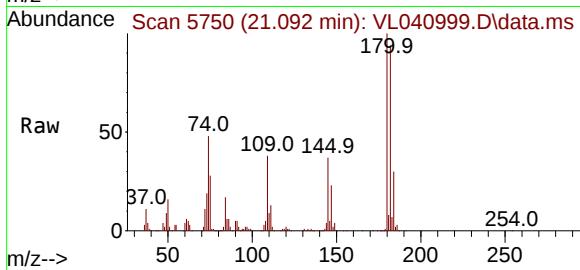
115 44.7 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.846 ppbv
 RT: 21.092 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040999.D
 Acq: 23 Jan 2024 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABS01



Tgt Ion:180 Resp: 1079149
 Ion Ratio Lower Upper
 180 100
 182 98.0 78.6 118.0
 184 30.7 24.4 36.6

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