

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040991.D
 Acq On : 23 Jan 2024 10:23
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 10:54:15 2024

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

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

QLast Update : Tue Jan 23 10:53:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.153	49	1101778	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2842098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2677999	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.728 95 1958718 9.930 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.697	85	501615	2.390	ppbv	97
3) Chlorodifluoromethane	2.642	51	381361	2.300	ppbv	99
4) Chloromethane	2.780	50	140844	2.304	ppbv	94
5) Vinyl Chloride	2.890	62	148910	2.523	ppbv	98
6) Bromomethane	3.086	94	59650	2.278	ppbv	99
7) Chloroethane	3.163	64	49736	2.364	ppbv	96
8) Dichlorotetrafluoroethane	2.822	85	379760	2.511	ppbv	98
9) Propene	2.661	41	132649	2.425	ppbv	95
10) Heptane	7.536	43	315228	2.318	ppbv	99
11) Trichlorofluoromethane	3.526	101	406232	2.476	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.028	101	287872	2.259	ppbv	94
13) Ethanol	3.208	45	33908m	2.457	ppbv	
14) Bromoethene	3.330	108	114701	2.456	ppbv	94
15) Acetone	3.439	43	302654	2.290	ppbv	98
16) 1,3-Butadiene	2.951	39	138096	2.427	ppbv	99
17) tert-Butyl alcohol	3.848	59	234399	2.398	ppbv	100
18) 1,1-Dichloroethene	3.845	96	127396	2.422	ppbv	97
19) Isopropyl Alcohol	3.546	45	164347	2.384	ppbv #	97
20) Methylene Chloride	3.896	84	110160	2.339	ppbv	82
21) Allyl Chloride	3.957	41	176046	2.254	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	125173	2.087	ppbv	91
23) Vinyl Acetate	4.591	43	296677m	2.035	ppbv	
24) 1,1-Dichloroethane	4.526	63	256877	1.970	ppbv	98
25) Ethyl Acetate	5.169	43	535262	2.338	ppbv	99
26) Hexane	5.172	57	234954	2.315	ppbv	98
27) Carbon Disulfide	4.089	76	305569	2.225	ppbv	99
28) Methyl tert-Butyl Ether	4.555	73	184741	1.962	ppbv	95
29) Chloroform	5.234	83	408221	2.384	ppbv	99
30) Cyclohexane	6.561	84	193279	2.285	ppbv	91
31) cis-1,2-Dichloroethene	5.037	61	222299	2.133	ppbv	96
32) 1,1,1-Trichloroethane	5.960	97	397077	2.398	ppbv	99
34) 2-Butanone	4.751	43	285029	1.896	ppbv	99
35) Carbon Tetrachloride	6.455	117	417570	2.346	ppbv	94
36) Benzene	6.330	78	501756	2.258	ppbv	96
37) 1,2-Dichloroethane	5.764	62	310103	2.329	ppbv	100
38) Trichloroethene	7.246	130	194026	2.325	ppbv	94
39) 1,2-Dichloropropane	7.034	63	198024	2.268	ppbv	95
40) 1,4-Dioxane	7.259	88	77719m	2.108	ppbv	
41) Tetrahydrofuran	5.526	42	196960	2.153	ppbv	98
42) Bromodichloromethane	7.208	83	439387	2.288	ppbv	95
43) Methyl Methacrylate	7.439	69	198913	2.282	ppbv	100
44) 2,2,4-Trimethylpentane	7.285	57	864098	2.290	ppbv	100
45) t-1,3-Dichloropropene	8.671	75	127188	1.967	ppbv	97

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Instrument :
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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 10:54:15 2024

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

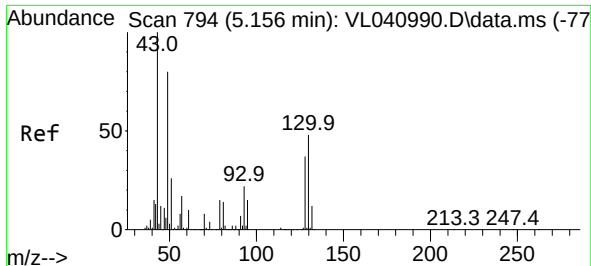
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jan 23 10:53:56 2024

Response via : Initial Calibration

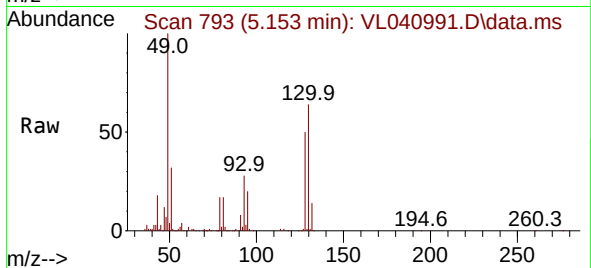
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.102	75	156385	1.954	ppbv	93
47) 1,1,2-Trichloroethane	8.854	97	207676	2.242	ppbv	95
48) Dibromochloromethane	9.667	129	355781	2.251	ppbv	99
49) Bromoform	12.359	173	290727	2.383	ppbv	100
50) 4-Methyl-2-Pentanone	8.147	43	519108	2.280	ppbv	100
51) 2-Hexanone	9.516	43	373913	2.281	ppbv #	99
52) Tetrachloroethene	10.571	164	167164	2.234	ppbv	94
53) Toluene	9.179	91	553782	2.248	ppbv	100
54) 1,2-Dibromoethane	9.967	107	298784	2.351	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.465	131	264698	2.260	ppbv #	1
57) Chlorobenzene	11.484	112	454653	2.305	ppbv	98
58) Ethyl Benzene	12.047	91	769779	2.238	ppbv	98
59) m/p-Xylene	12.330	91	1347704m	4.606	ppbv	
60) o-Xylene	13.011	91	654264	2.373	ppbv	99
61) Styrene	12.854	104	295172	2.252	ppbv	98
62) Isopropylbenzene	13.989	105	953848	2.333	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.002	83	500438	2.520	ppbv	99
64) n-propylbenzene	14.873	120	243546	2.375	ppbv	92
65) tert-Butylbenzene	16.047	119	856997	2.466	ppbv	96
66) Benzyl Chloride	16.291	91	52997m	2.229	ppbv	
67) sec-Butylbenzene	16.593	105	1254225	2.484	ppbv	99
69) p-Isopropyltoluene	16.953	119	983136	2.505	ppbv	98
70) n-Butylbenzene	17.847	91	1095680	2.689	ppbv	97
71) 2-Chlorotoluene	14.757	91	741087	2.354	ppbv	100
72) 4-Ethyltoluene	15.153	105	722381	2.388	ppbv	99
73) 1,3,5-Trimethylbenzene	15.307	105	654768	2.507	ppbv	98
74) 1,2,4-Trimethylbenzene	16.063	105	744855	2.563	ppbv	98
75) 1,3-Dichlorobenzene	16.285	146	416233	2.507	ppbv	100
76) 1,4-Dichlorobenzene	16.429	146	394924	2.432	ppbv	97
77) 1,2-Dichlorobenzene	17.101	146	418337	2.616	ppbv	98
78) Hexachloro-1,3-Butadiene	22.587	225	276405m	2.810	ppbv	
79) Naphthalene	21.342	128	499178	3.565	ppbv	96
80) Naphthalene,2-methyl-	24.345	142	70680	2.762	ppbv	93
81) 1,2,4-Trichlorobenzene	21.098	180	243475	3.029	ppbv	97

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.153 min Scan# 794
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

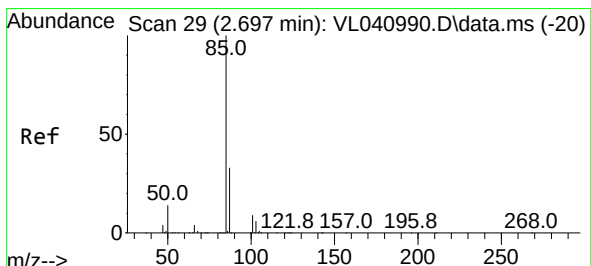
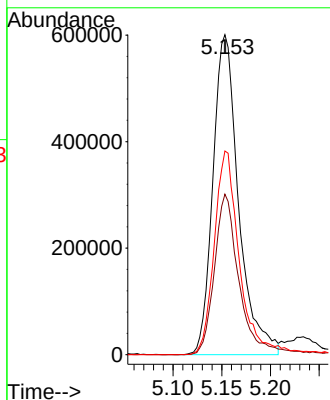
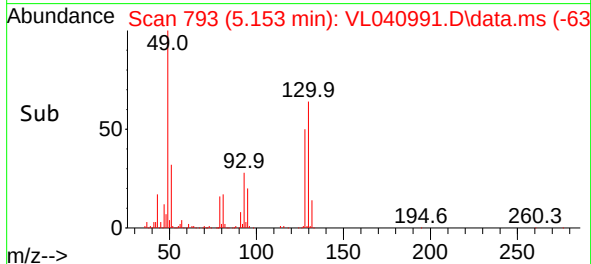
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion: 49 Resp: 1101778
 Ion Ratio Lower Upper
 49 100
 128 49.7 23.9 71.7
 130 64.2 31.1 93.5

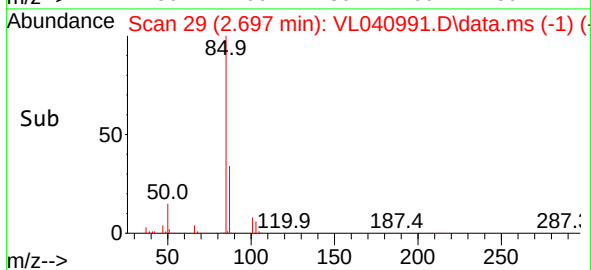
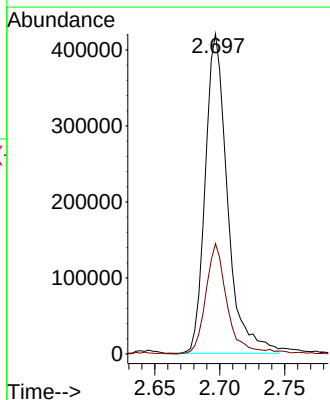
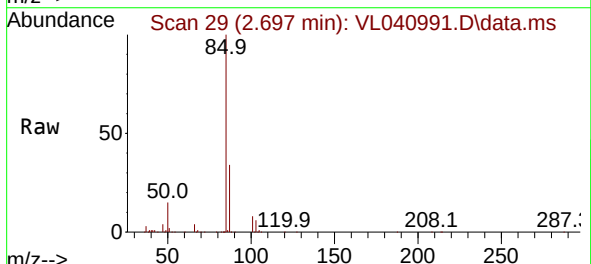
Manual Integrations
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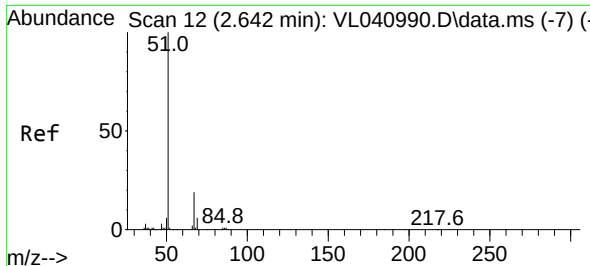
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#2
 Dichlorodifluoromethane
 Concen: 2.390 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

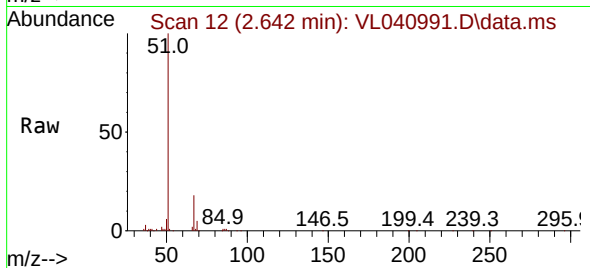
Tgt Ion: 85 Resp: 501615
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.3 39.5





#3
Chlorodifluoromethane
Concen: 2.300 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

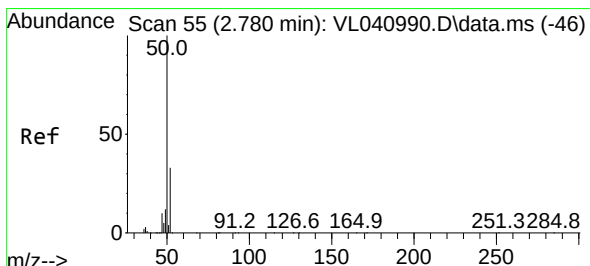
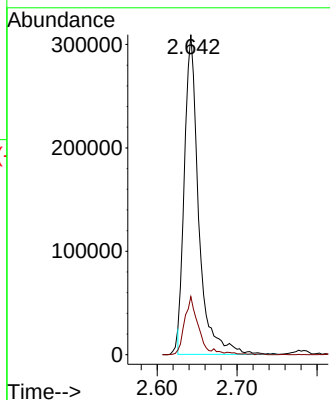
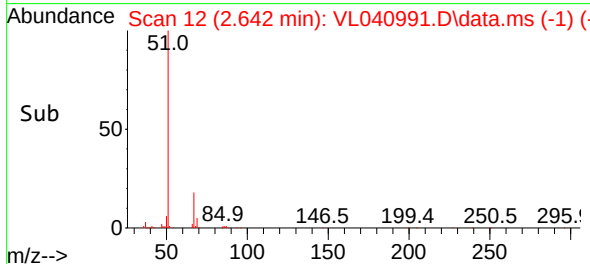
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



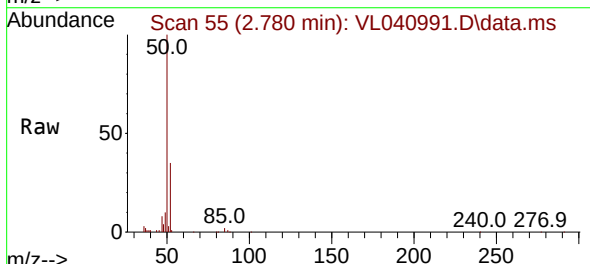
Tgt Ion: 51 Resp: 38136
Ion Ratio Lower Upper
51 100
67 18.0 14.8 22.2

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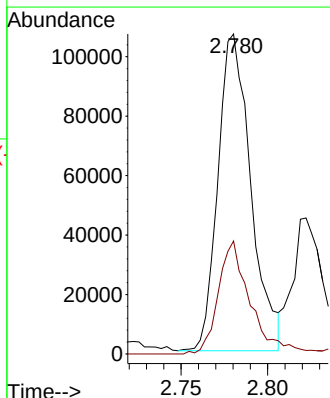
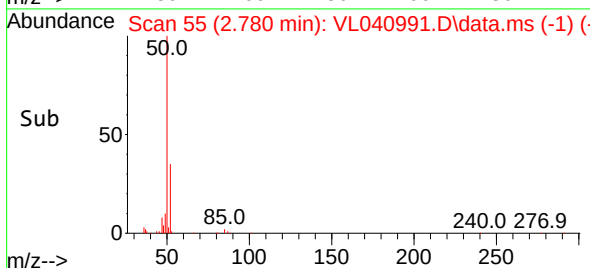
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

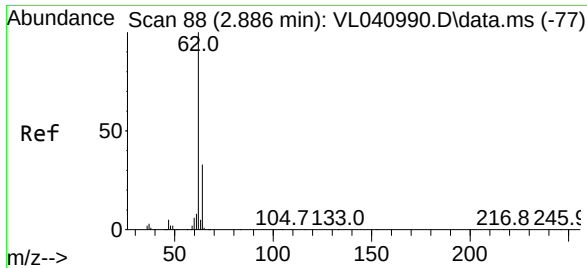


#4
Chloromethane
Concen: 2.304 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion: 50 Resp: 140844
Ion Ratio Lower Upper
50 100
52 36.2 26.2 39.4





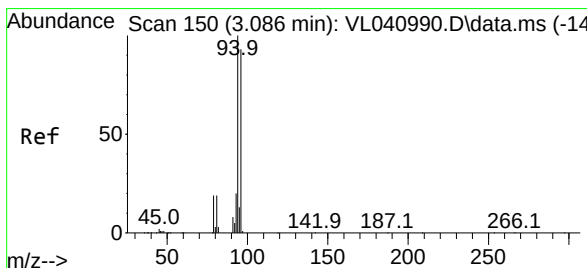
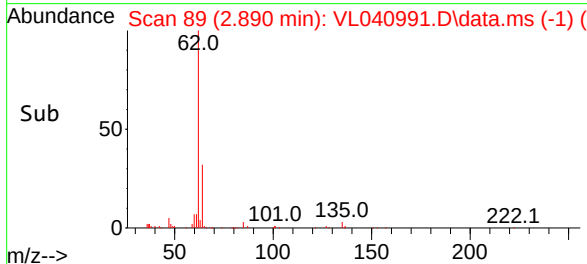
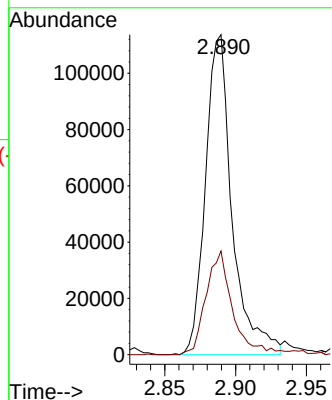
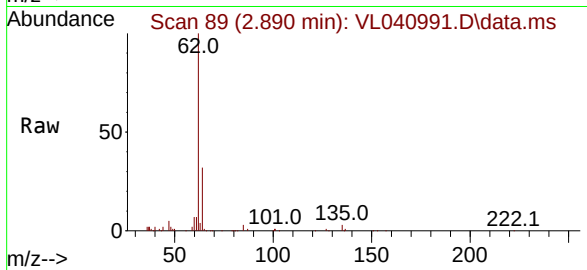
#5
 Vinyl Chloride
 Concen: 2.523 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 148910
 Ion Ratio Lower Upper
 62 100
 64 32.4 26.6 40.0

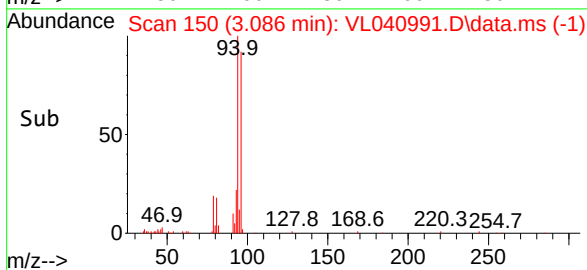
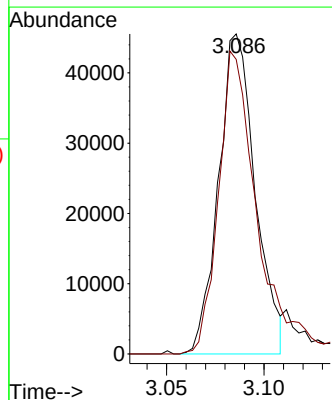
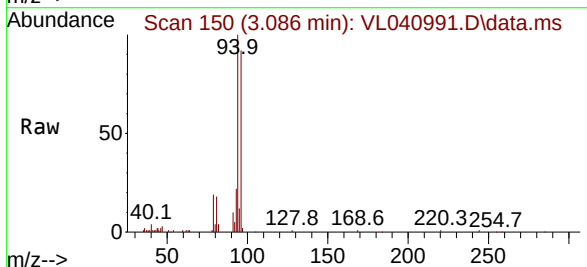
Manual Integrations
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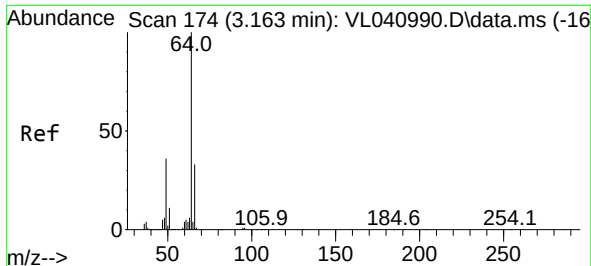
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#6
 Bromomethane
 Concen: 2.278 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 94 Resp: 59650
 Ion Ratio Lower Upper
 94 100
 96 92.0 74.2 111.4





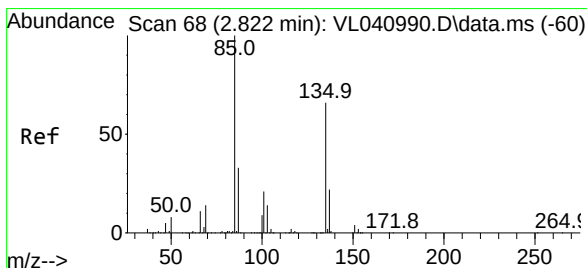
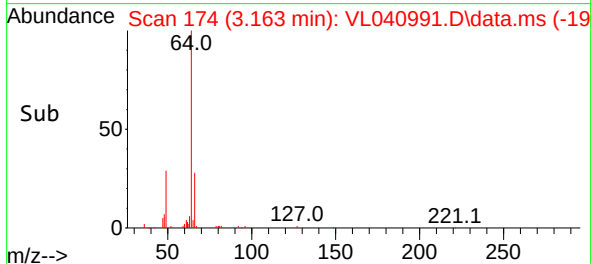
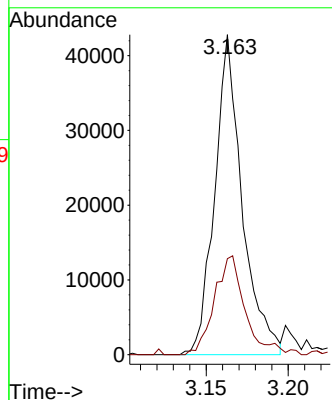
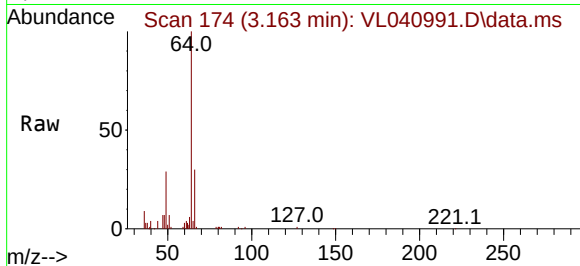
#7
Chloroethane
Concen: 2.364 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 49730
Ion Ratio Lower Upper
64 100
66 30.0 26.0 39.0

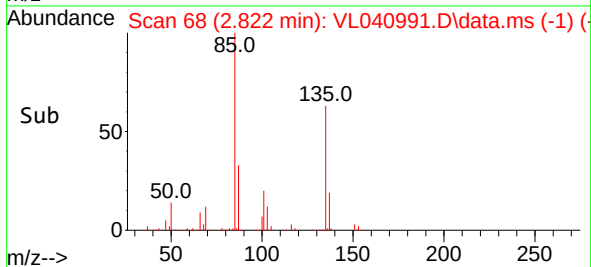
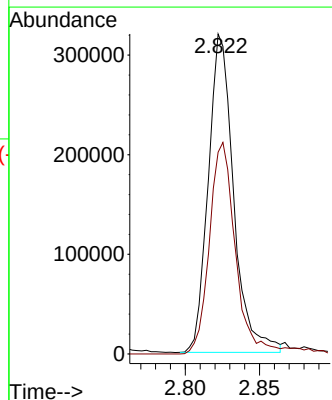
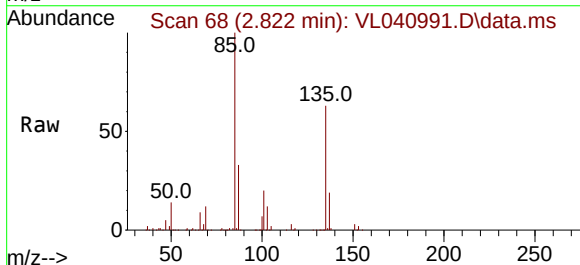
Manual Integrations
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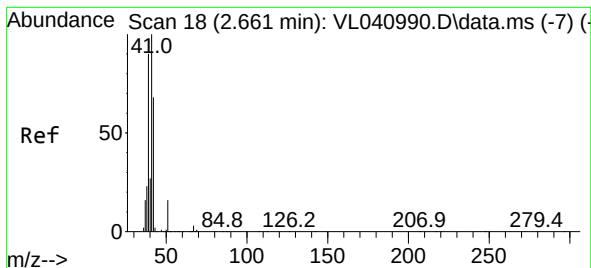
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Dichlorotetrafluoroethane
Concen: 2.511 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 85 Resp: 379760
Ion Ratio Lower Upper
85 100
135 70.6 55.0 82.6





#9

Propene

Concen: 2.425 ppbv

RT: 2.661 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 132649

Ion Ratio Lower Upper

41 100

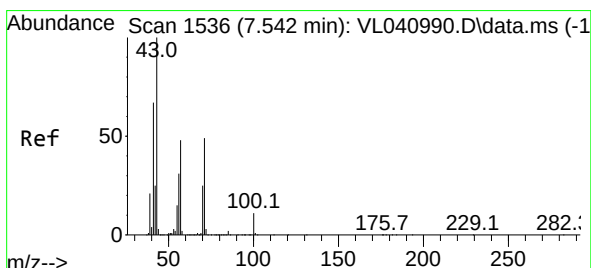
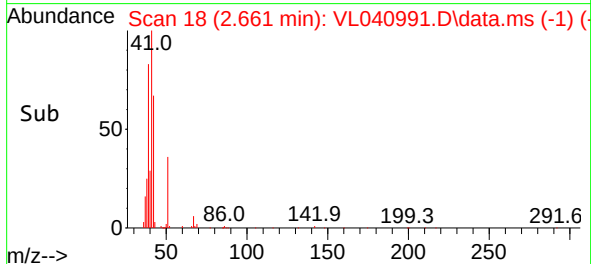
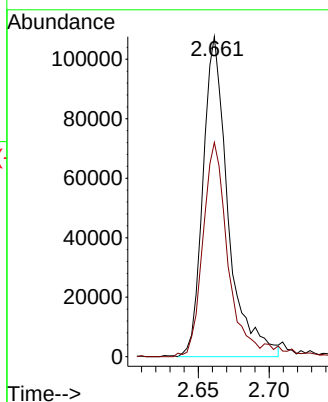
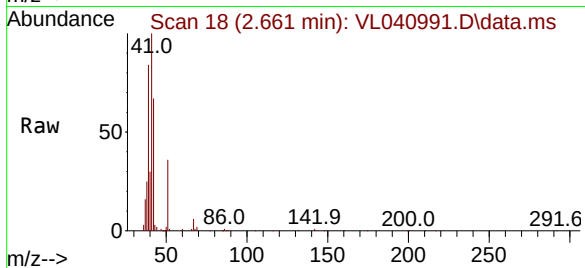
42 69.8 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#10

Heptane

Concen: 2.318 ppbv

RT: 7.536 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VL040991.D

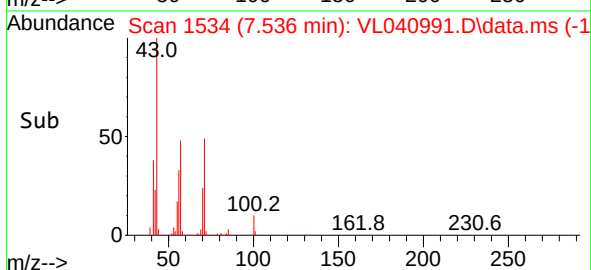
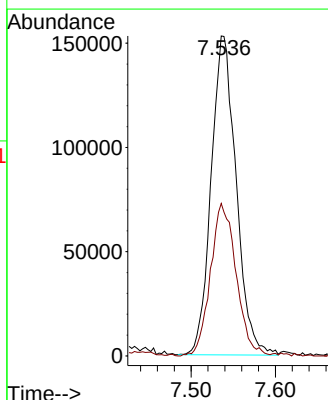
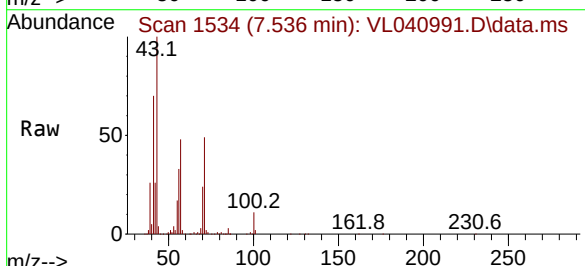
Acq: 23 Jan 2024 10:23

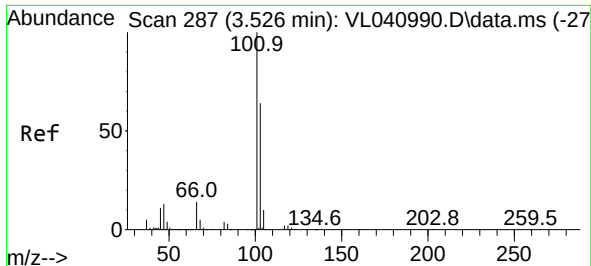
Tgt Ion: 43 Resp: 315228

Ion Ratio Lower Upper

43 100

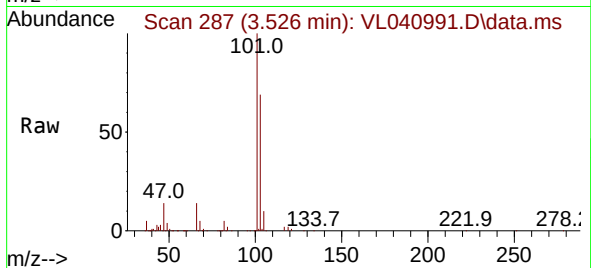
57 49.7 39.4 59.2





#11
Trichlorofluoromethane
Concen: 2.476 ppbv
RT: 3.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

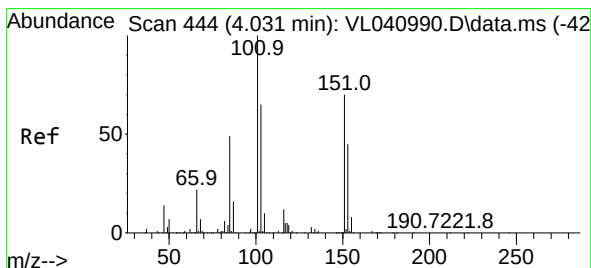
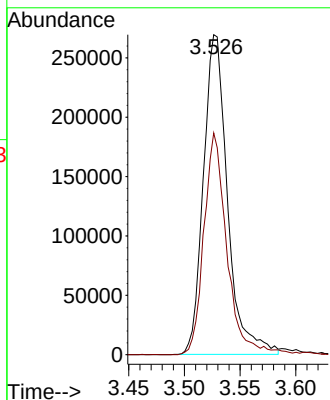
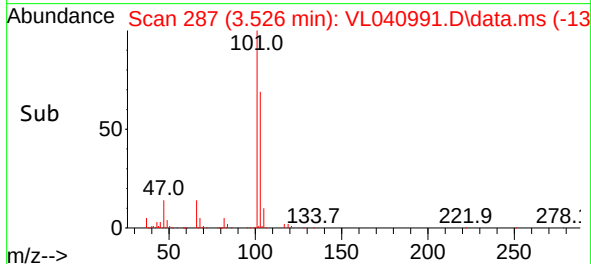
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:101 Resp: 40623
Ion Ratio Lower Upper
101 100
103 69.4 51.4 77.2

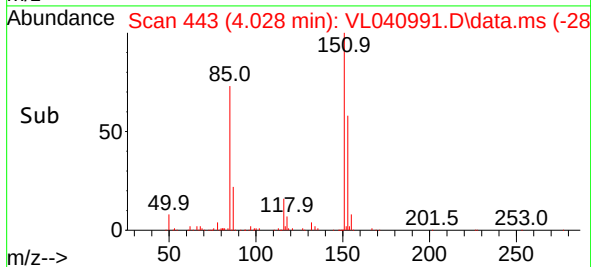
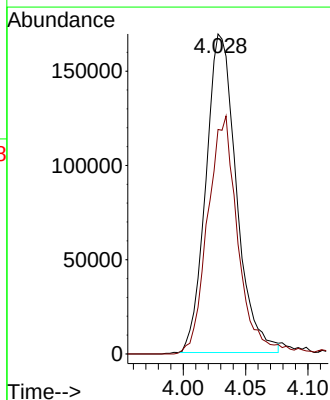
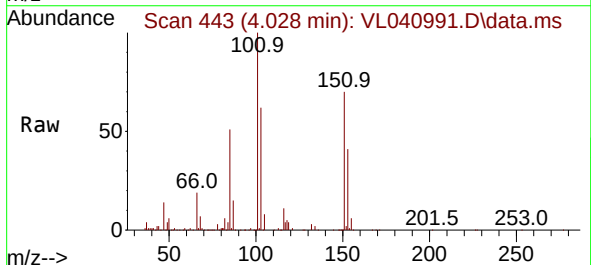
Manual Integrations
APPROVED

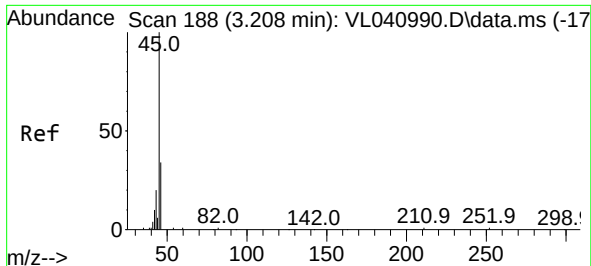
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.259 ppbv
RT: 4.028 min Scan# 443
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

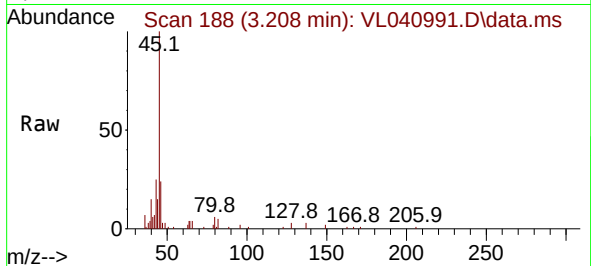
Tgt Ion:101 Resp: 287872
Ion Ratio Lower Upper
101 100
151 75.4 56.6 85.0





#13
Ethanol
Concen: 2.457 ppbv m
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

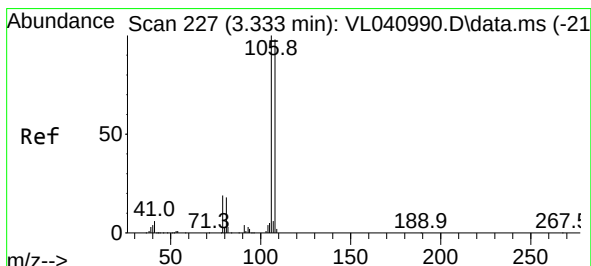
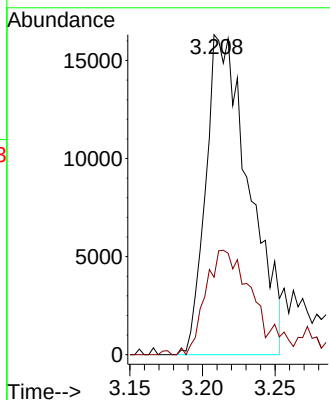
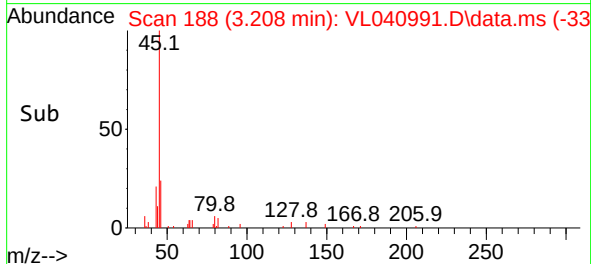
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



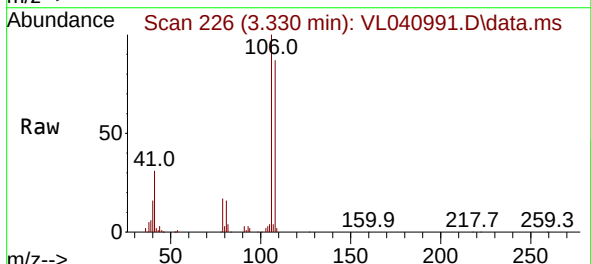
Tgt Ion: 45 Resp: 33908
Ion Ratio Lower Upper
45 100
46 42.8 16.2 64.8

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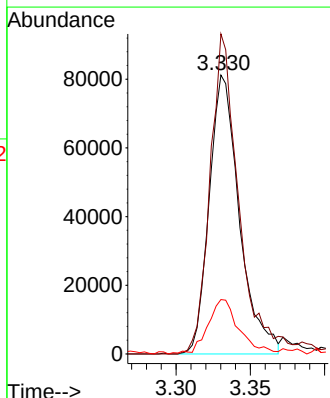
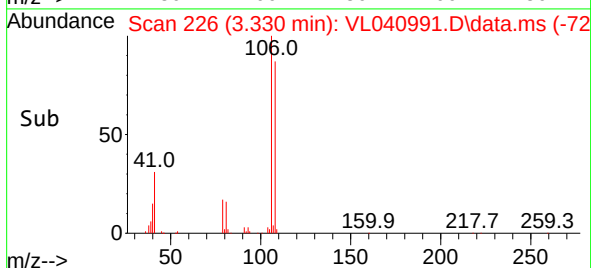
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

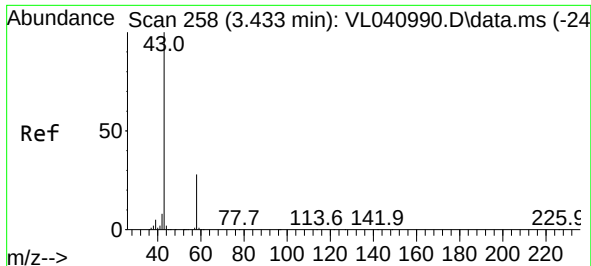


#14
Bromoethene
Concen: 2.456 ppbv
RT: 3.330 min Scan# 226
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



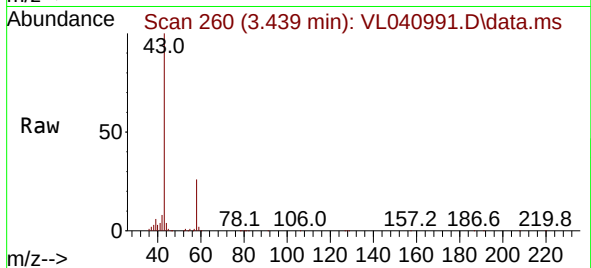
Tgt Ion:108 Resp: 114701
Ion Ratio Lower Upper
108 100
106 114.6 86.4 129.6
79 23.1 16.2 24.4





#15
Acetone
Concen: 2.290 ppbv
RT: 3.439 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

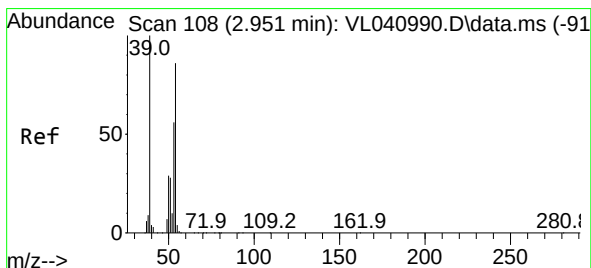
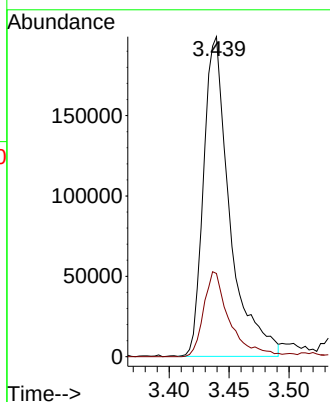
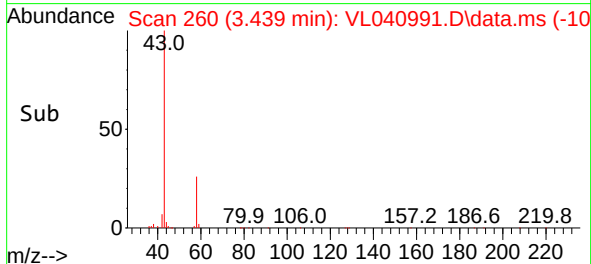
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



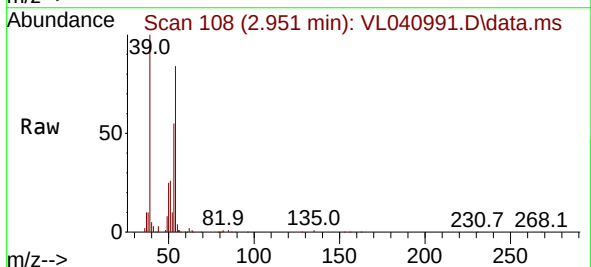
Tgt Ion: 43 Resp: 302654
Ion Ratio Lower Upper
43 100
58 26.4 22.2 33.2

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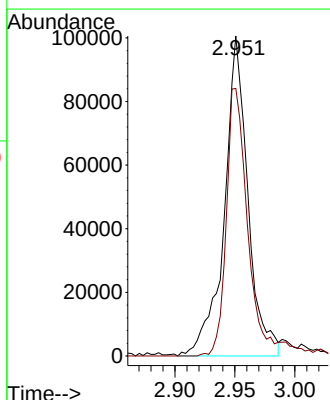
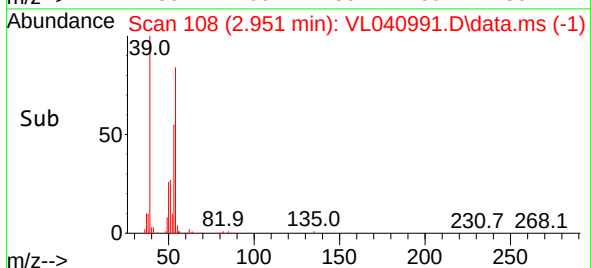
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

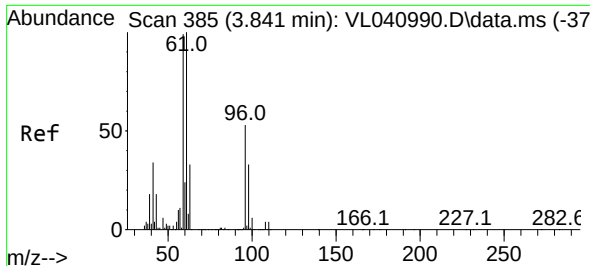


#16
1,3-Butadiene
Concen: 2.427 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



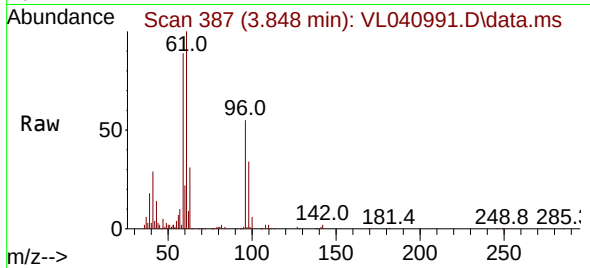
Tgt Ion: 39 Resp: 138096
Ion Ratio Lower Upper
39 100
54 79.7 62.7 94.1





#17
tert-Butyl alcohol
Concen: 2.398 ppbv
RT: 3.848 min Scan# 387
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

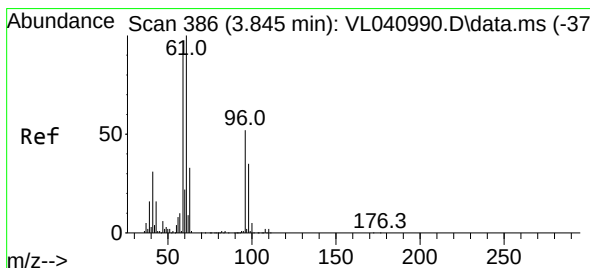
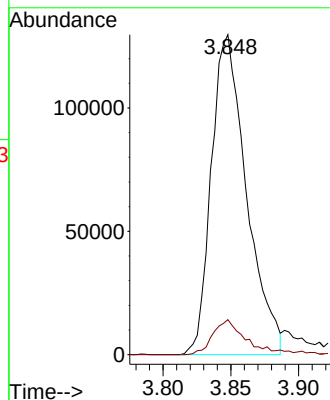
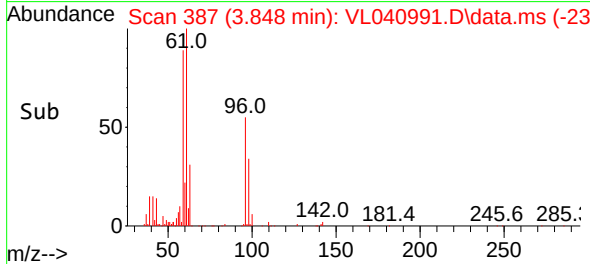
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



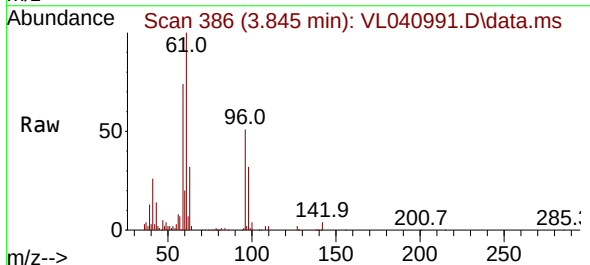
Tgt Ion: 59 Resp: 234399
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

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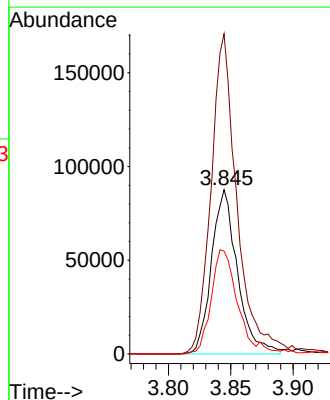
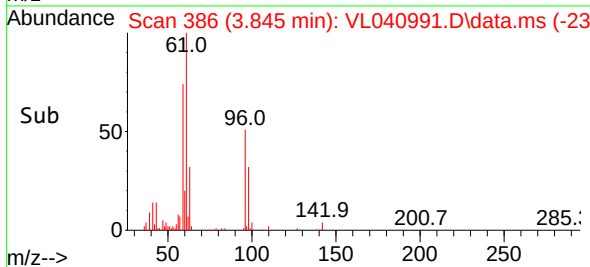
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

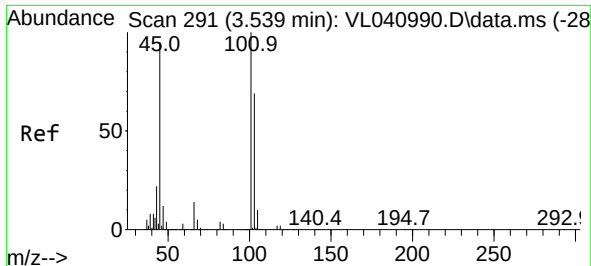


#18
1,1-Dichloroethene
Concen: 2.422 ppbv
RT: 3.845 min Scan# 386
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion: 96 Resp: 127396
Ion Ratio Lower Upper
96 100
61 194.9 153.8 230.8
98 62.7 53.7 80.5





#19

Isopropyl Alcohol

Concen: 2.384 ppbv

RT: 3.546 min Scan# 291

Delta R.T. 0.006 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 16434

Ion Ratio Lower Upper

45 100

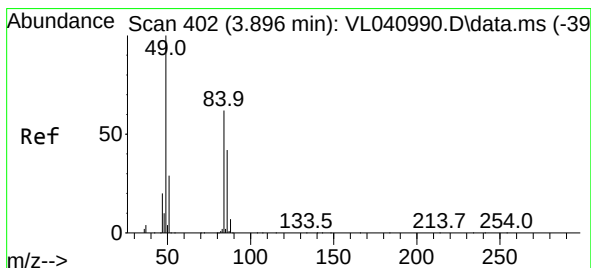
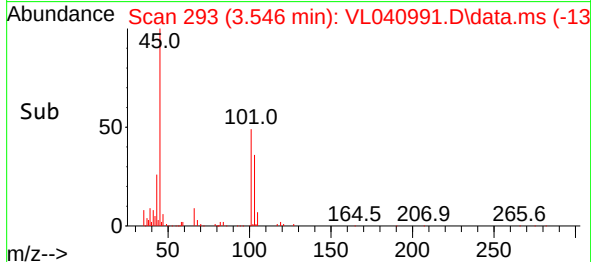
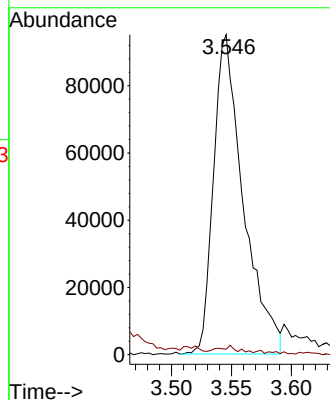
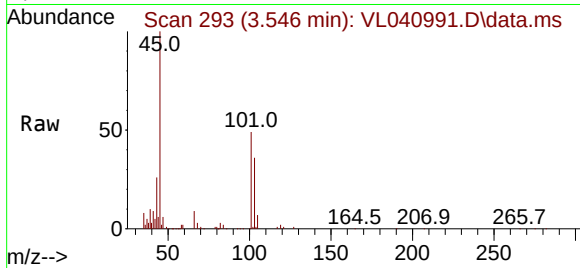
58 1.7 2.2 3.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#20

Methylene Chloride

Concen: 2.339 ppbv

RT: 3.896 min Scan# 402

Delta R.T. -0.000 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Tgt Ion: 84 Resp: 110160

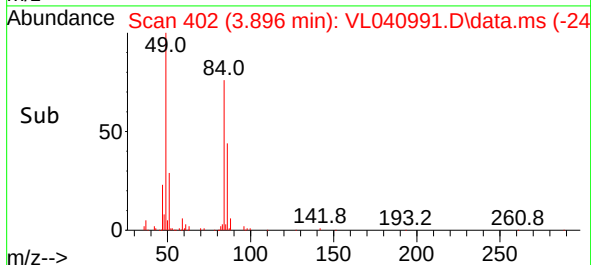
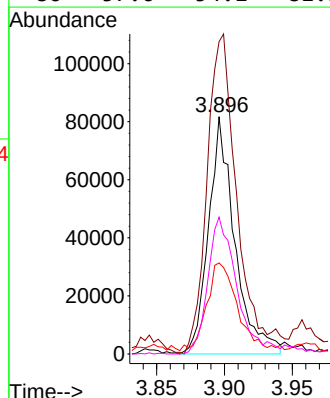
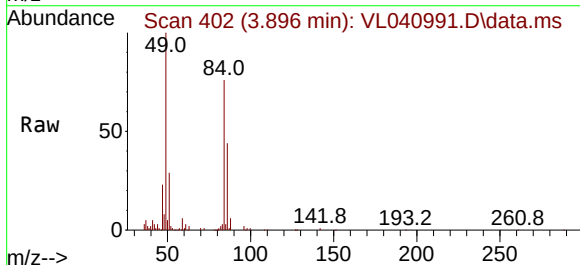
Ion Ratio Lower Upper

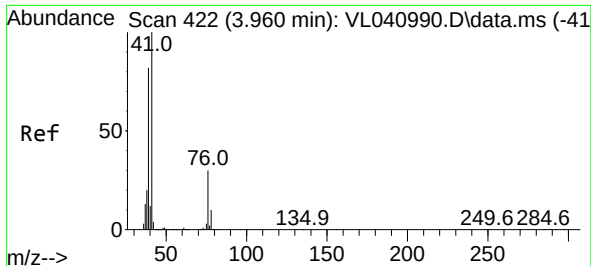
84 100

49 130.9 128.1 192.1

51 36.9 36.5 54.7

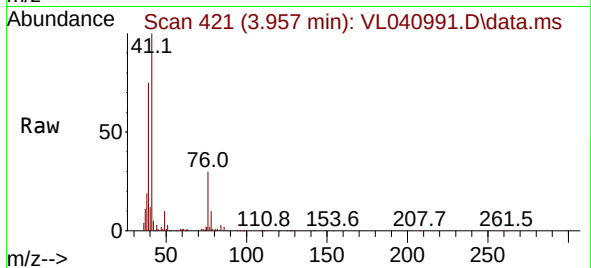
86 57.6 54.1 81.1





#21
 Allyl Chloride
 Concen: 2.254 ppbv
 RT: 3.957 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

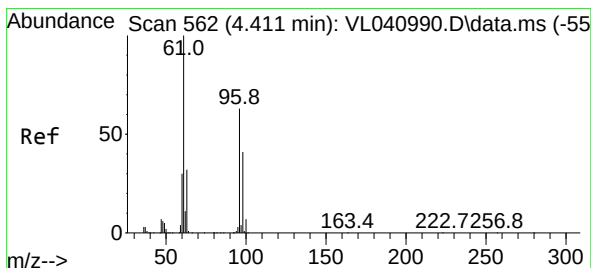
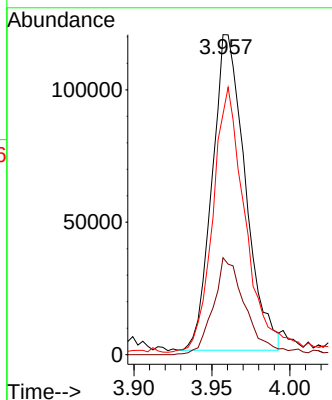
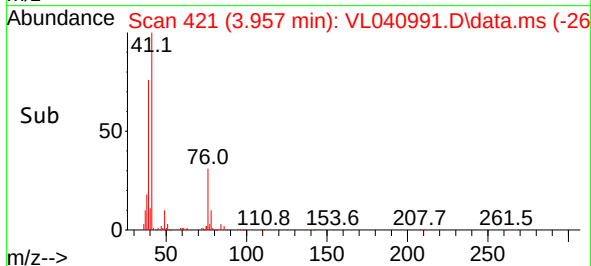
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 41 Resp: 176040
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.0 37.4
 39 85.2 67.0 100.6

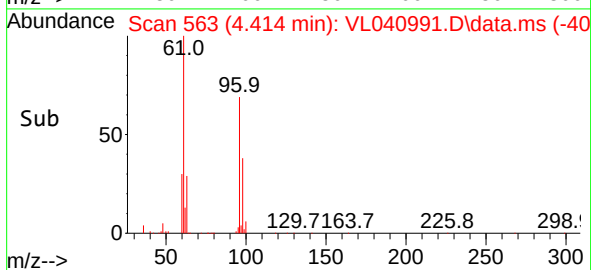
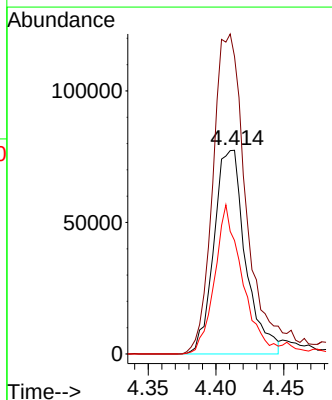
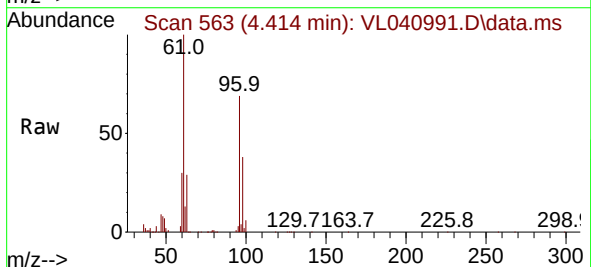
Manual Integrations
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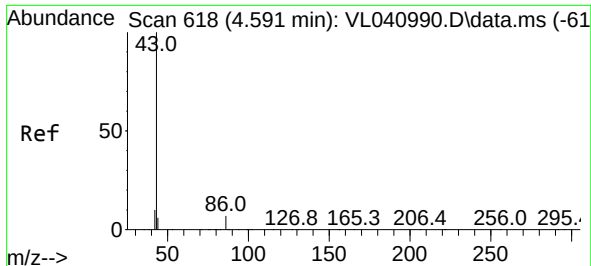
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#22
 trans-1,2-Dichloroethene
 Concen: 2.087 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. 0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 96 Resp: 125173
 Ion Ratio Lower Upper
 96 100
 61 145.9 126.0 189.0
 98 55.7 51.2 76.8





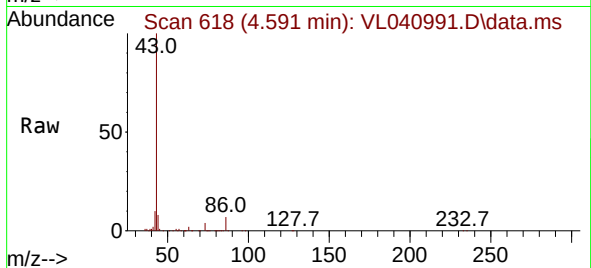
#23
 Vinyl Acetate
 Concen: 2.035 ppbv m
 RT: 4.591 min Scan# 618
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

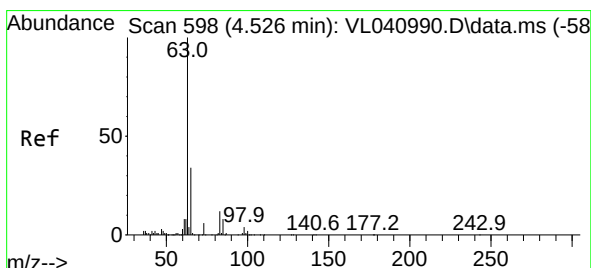
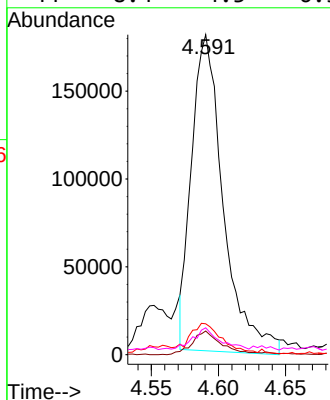
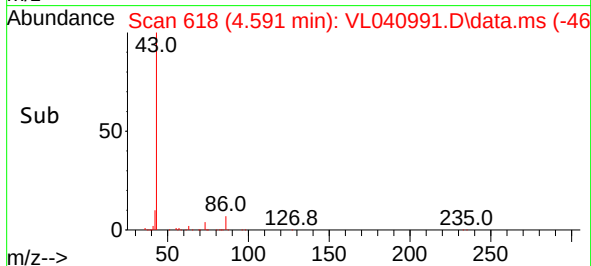


Tgt Ion: 43 Resp: 296677
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.4 8.0
 42 9.7 8.6 13.0
 44 8.4 4.3 6.5#

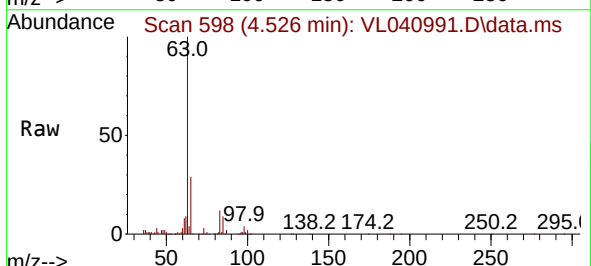
Manual Integrations

APPROVED

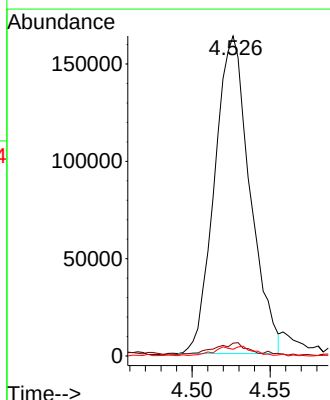
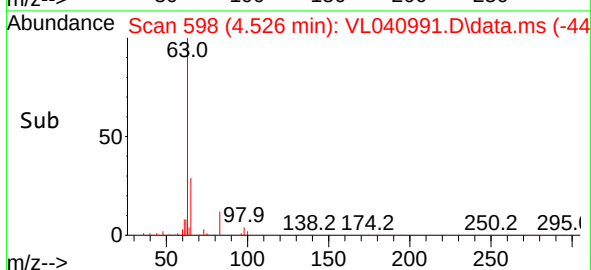
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

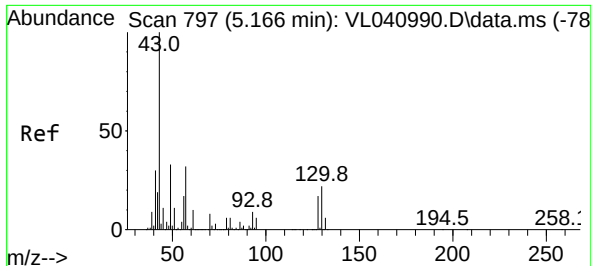


#24
 1,1-Dichloroethane
 Concen: 1.970 ppbv
 RT: 4.526 min Scan# 598
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23



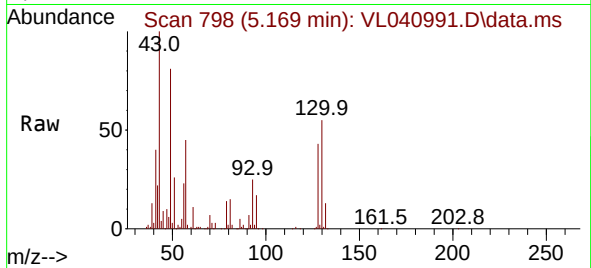
Tgt Ion: 63 Resp: 256877
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.1 6.3
 100 2.0 1.3 3.9





#25
Ethyl Acetate
Concen: 2.338 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

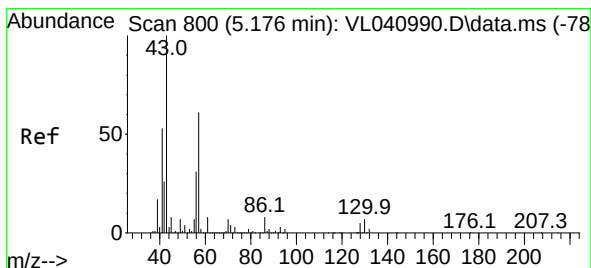
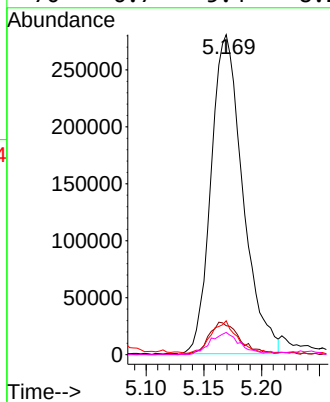
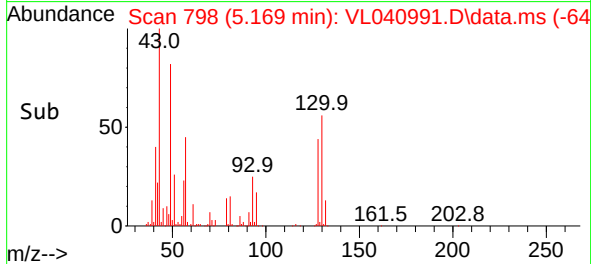
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 535262
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.4
61 9.5 7.9 11.9
70 6.7 5.4 8.2

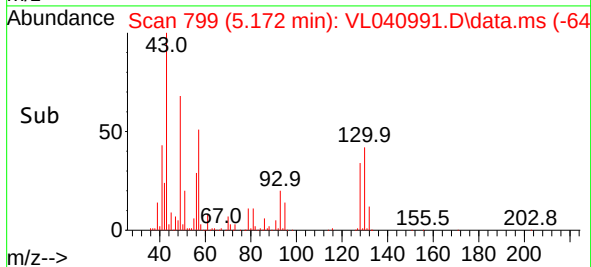
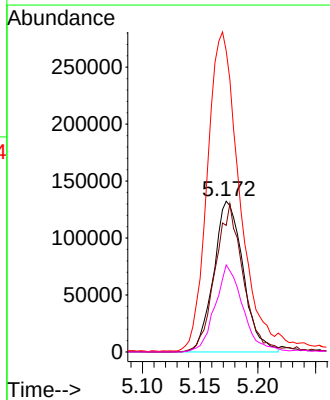
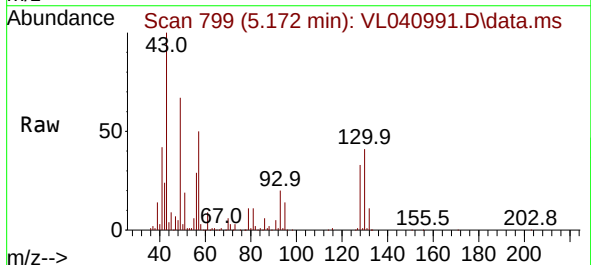
Manual Integrations
APPROVED

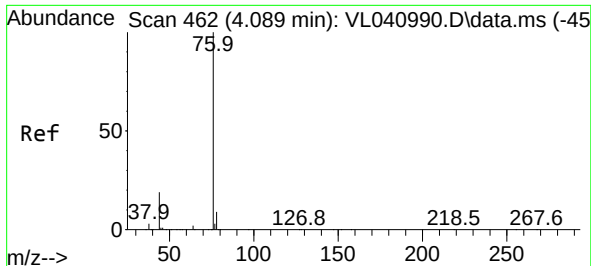
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
Hexane
Concen: 2.315 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

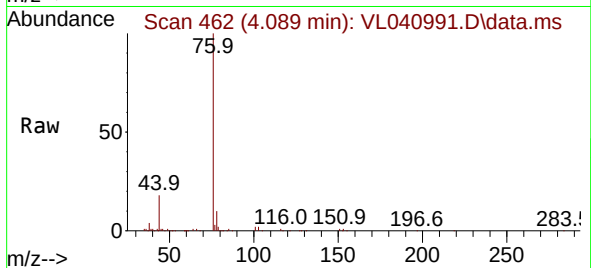
Tgt Ion: 57 Resp: 234954
Ion Ratio Lower Upper
57 100
41 96.5 74.4 111.6
43 237.3 190.6 285.8
56 55.4 43.0 64.4





#27
Carbon Disulfide
Concen: 2.225 ppbv
RT: 4.089 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

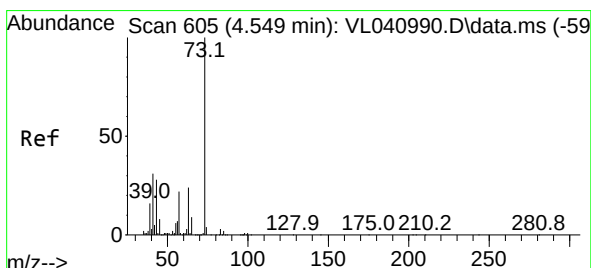
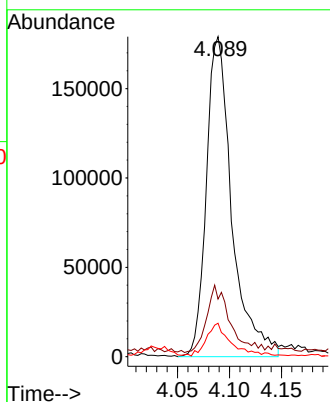
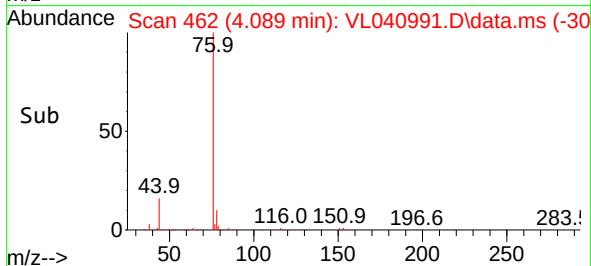
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



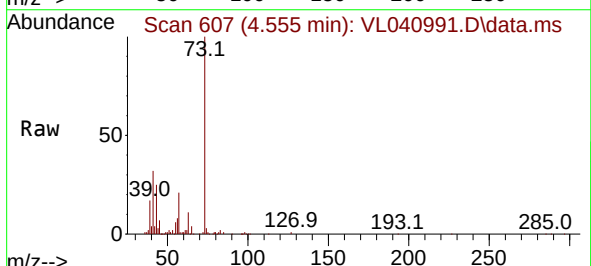
Tgt Ion: 76 Resp: 305569
Ion Ratio Lower Upper
76 100
44 20.4 16.0 24.0
78 10.6 7.8 11.8

Manual Integrations
APPROVED

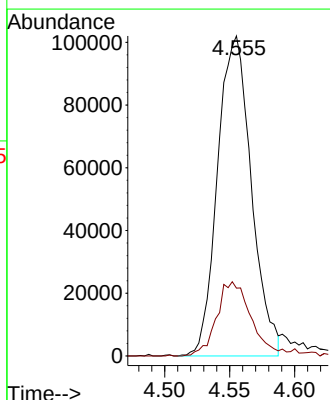
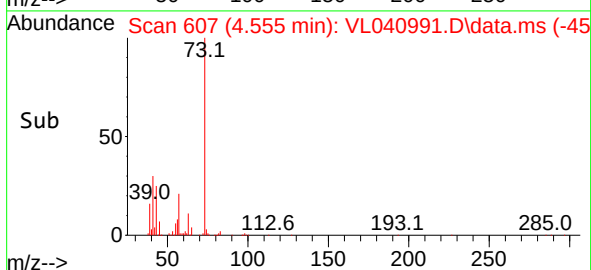
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

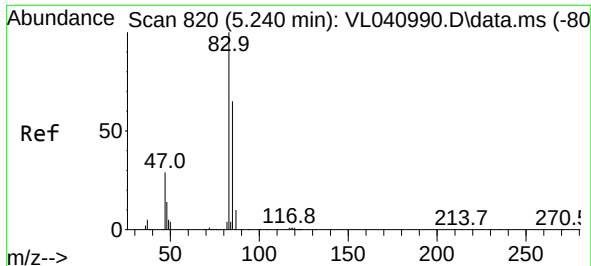


#28
Methyl tert-Butyl Ether
Concen: 1.962 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion: 73 Resp: 184741
Ion Ratio Lower Upper
73 100
57 24.7 18.0 27.0





#29

Chloroform

Concen: 2.384 ppbv

RT: 5.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040991.D

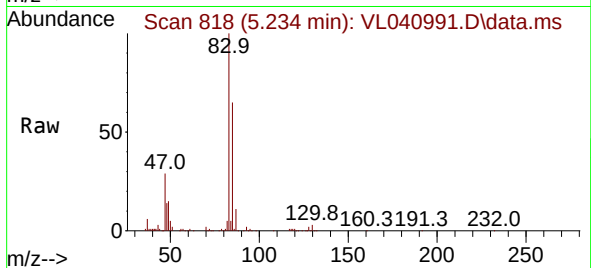
Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 83 Resp: 40822

Ion Ratio Lower Upper

83 100

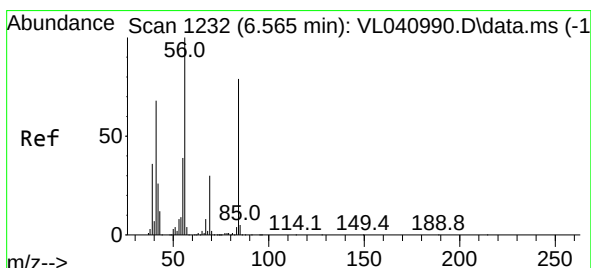
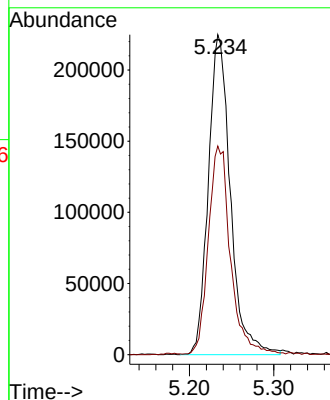
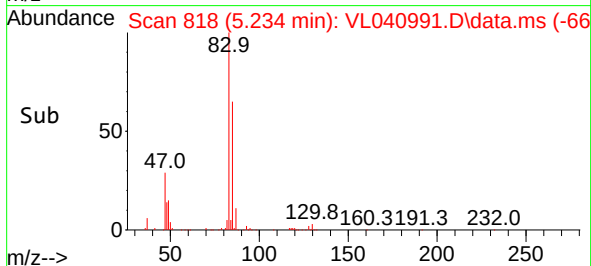
85 64.9 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 2.285 ppbv

RT: 6.561 min Scan# 1231

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

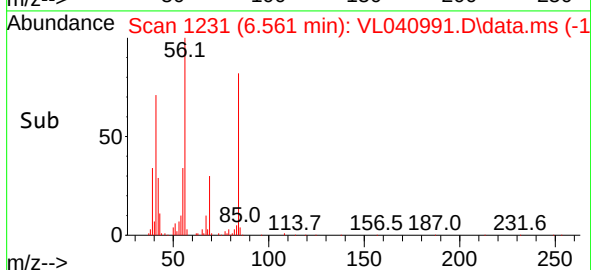
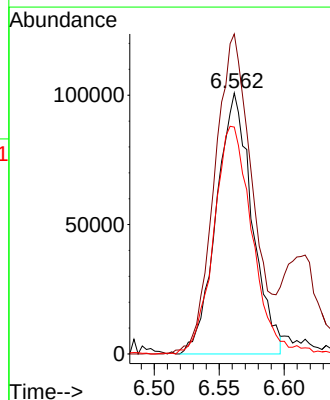
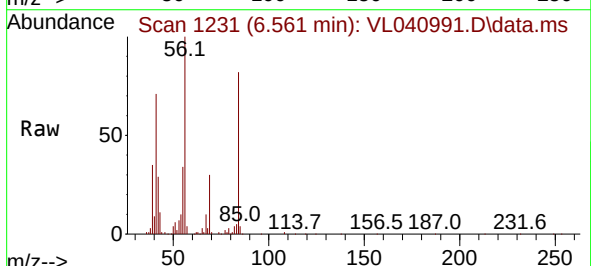
Tgt Ion: 84 Resp: 193279

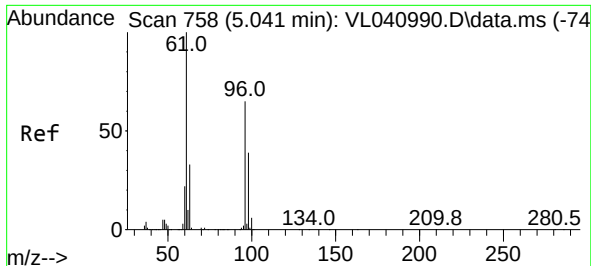
Ion Ratio Lower Upper

84 100

56 126.9 111.7 167.5

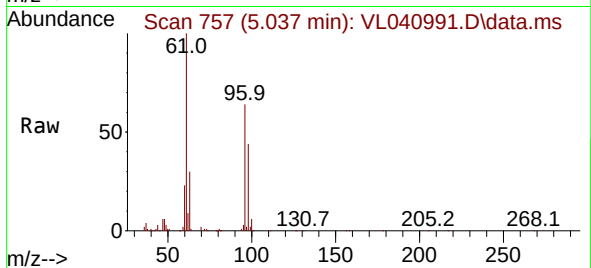
41 94.4 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 2.133 ppbv
RT: 5.037 min Scan# 758
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

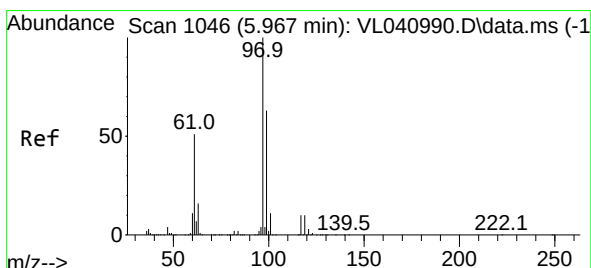
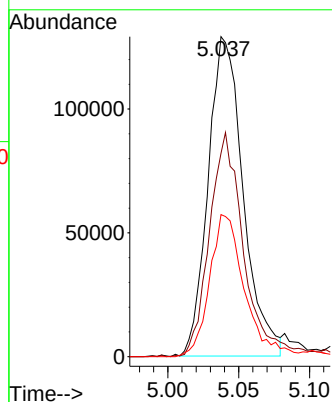
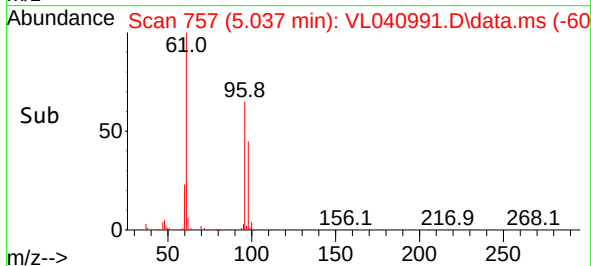
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 61 Resp: 222299
Ion Ratio Lower Upper
61 100
96 63.4 51.9 77.9
98 44.0 31.5 47.3

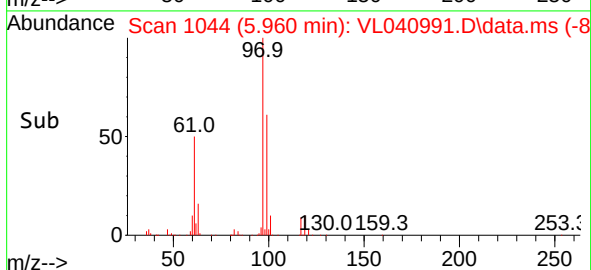
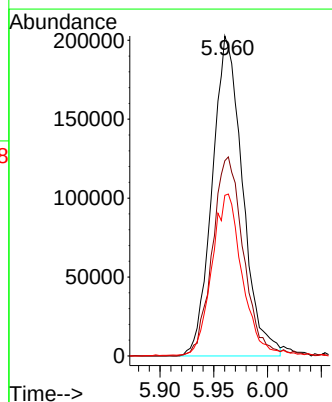
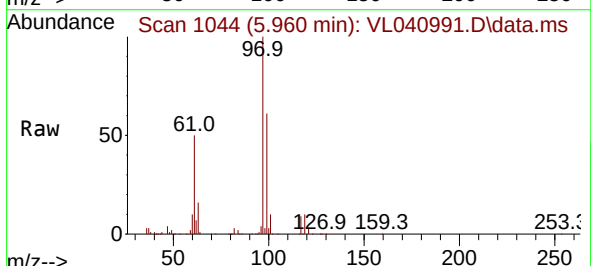
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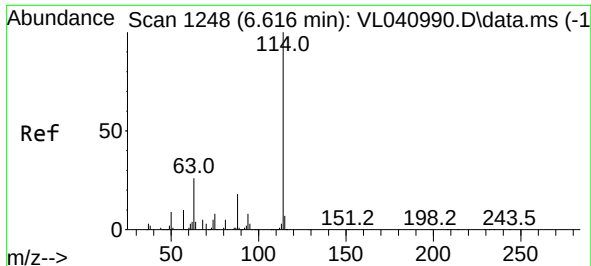
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 2.398 ppbv
RT: 5.960 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 97 Resp: 397077
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 51.8 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.613 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 2842098

Ion Ratio Lower Upper

114 100

63 25.4 20.8 31.2

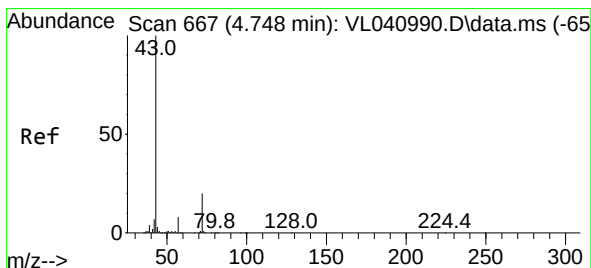
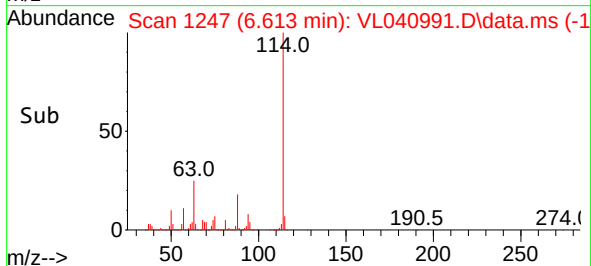
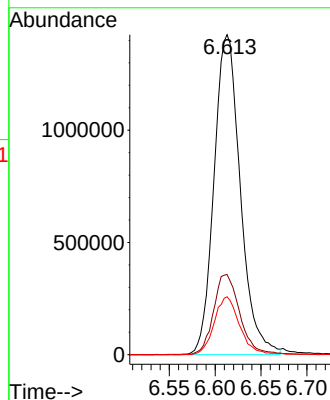
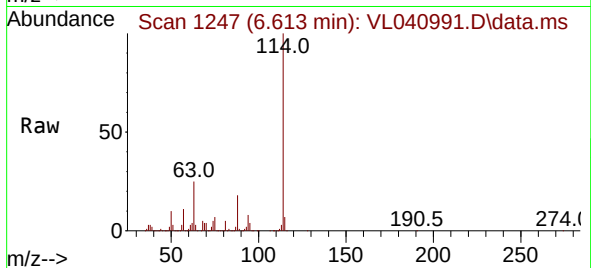
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 1.896 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.003 min

Lab File: VL040991.D

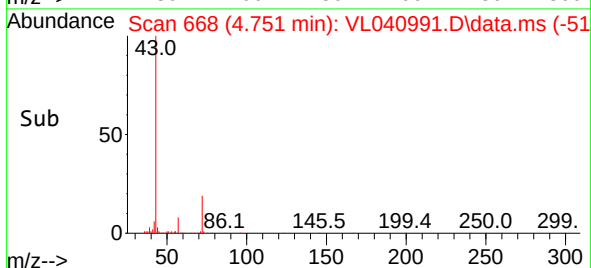
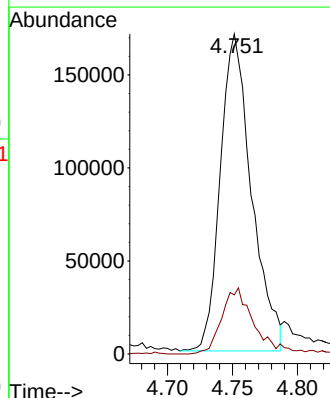
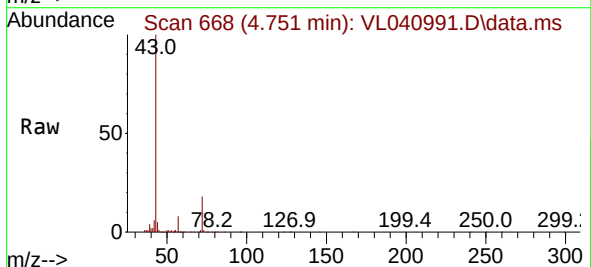
Acq: 23 Jan 2024 10:23

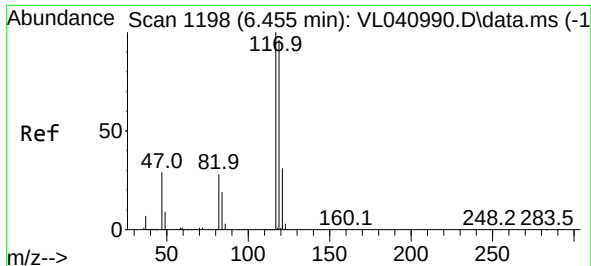
Tgt Ion: 43 Resp: 285029

Ion Ratio Lower Upper

43 100

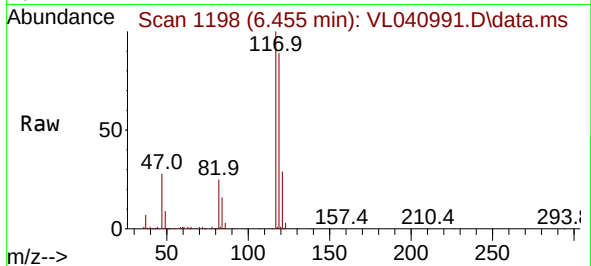
72 22.3 17.5 26.3





#35
Carbon Tetrachloride
Concen: 2.346 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

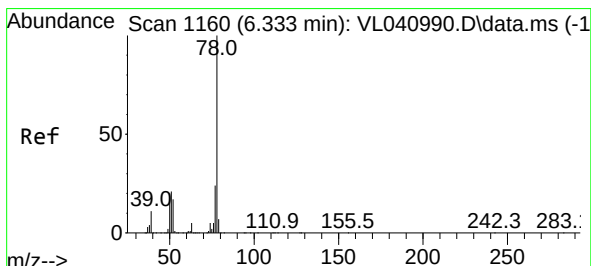
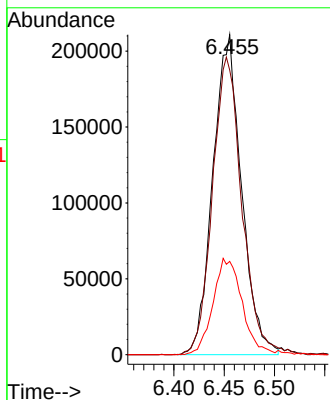
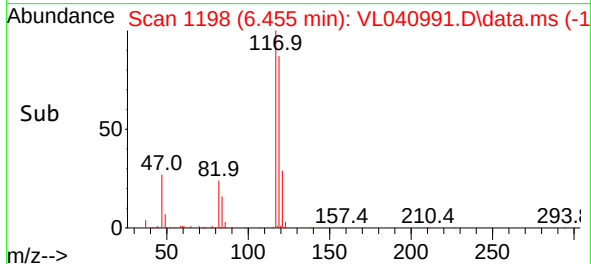
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



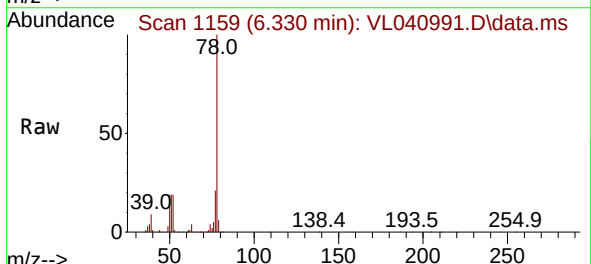
Tgt Ion: 117 Resp: 417570
Ion Ratio Lower Upper
117 100
119 88.8 76.9 115.3
121 29.1 24.7 37.1

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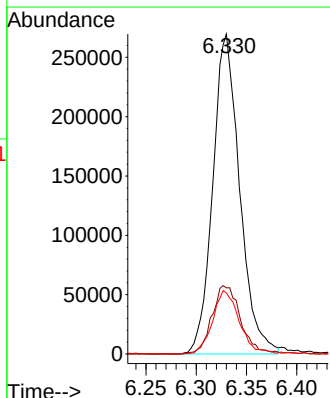
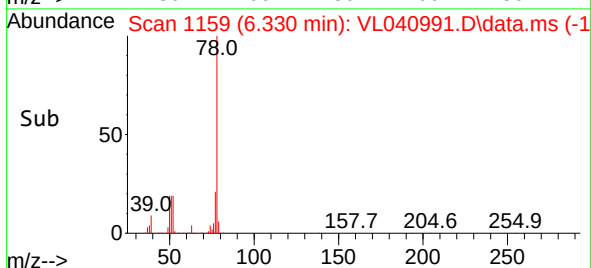
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

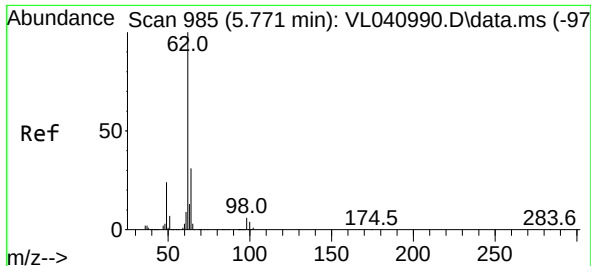


#36
Benzene
Concen: 2.258 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion: 78 Resp: 501756
Ion Ratio Lower Upper
78 100
77 20.6 19.0 28.4
50 19.1 15.8 23.6





#37

1,2-Dichloroethane

Concen: 2.329 ppbv

RT: 5.764 min Scan# 985

Delta R.T. -0.006 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 31010

Ion Ratio Lower Upper

62 100

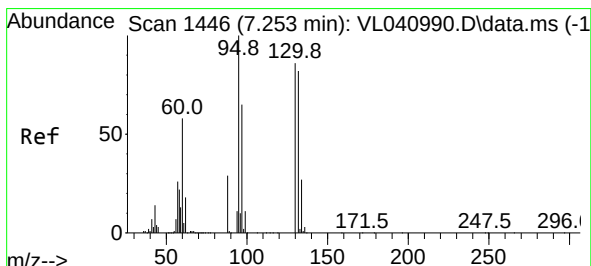
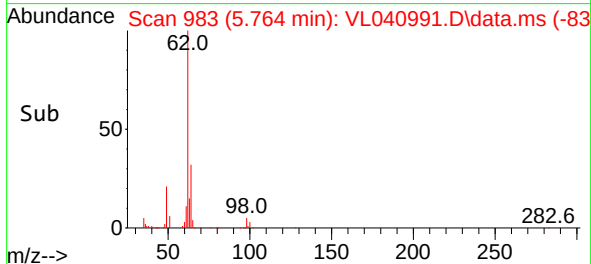
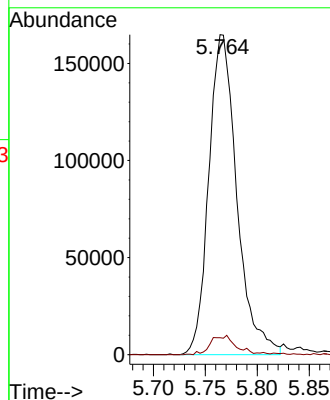
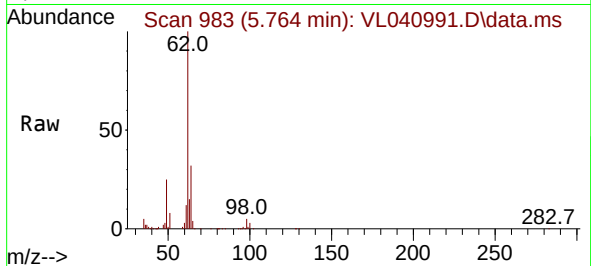
98 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Trichloroethene

Concen: 2.325 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Tgt Ion:130 Resp: 194026

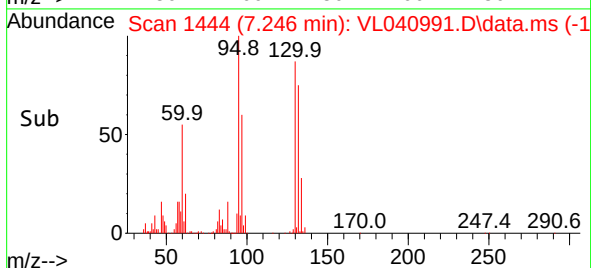
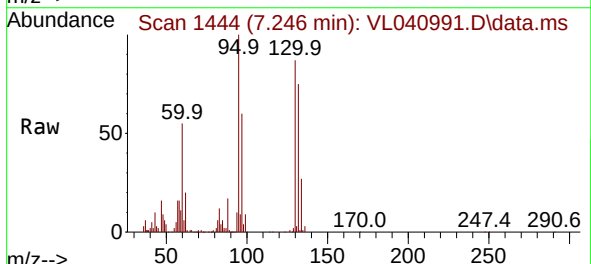
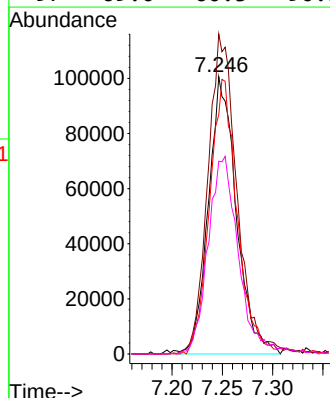
Ion Ratio Lower Upper

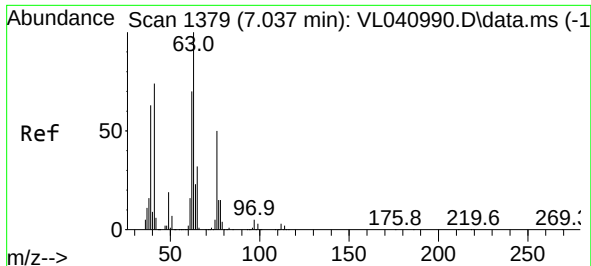
130 100

95 114.7 92.9 139.3

132 86.2 76.2 114.2

97 69.0 60.3 90.5





#39

1,2-Dichloropropane

Concen: 2.268 ppbv

RT: 7.034 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

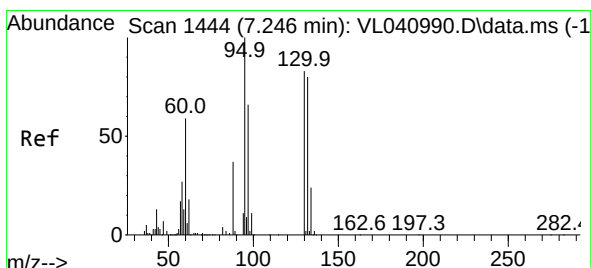
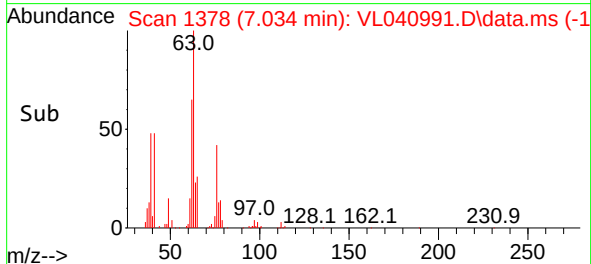
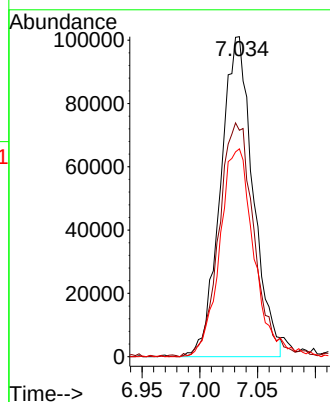
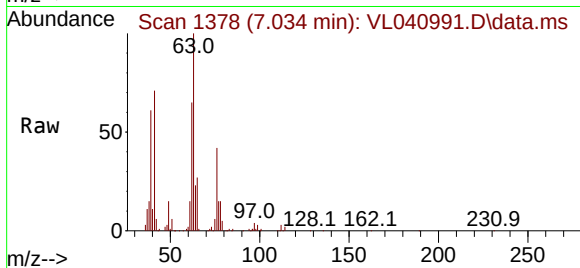
Tgt Ion: 63 Resp: 198024

Ion	Ratio	Lower	Upper
63	100		
41	70.7	59.6	89.4
62	64.9	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: 2.108 ppbv m

RT: 7.259 min Scan# 1448

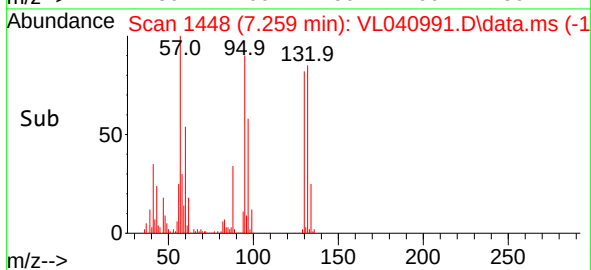
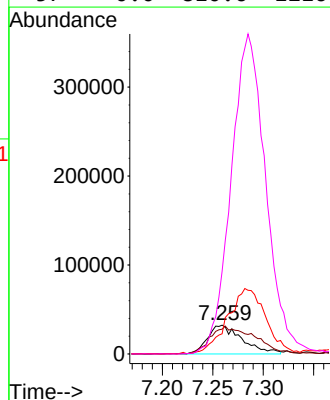
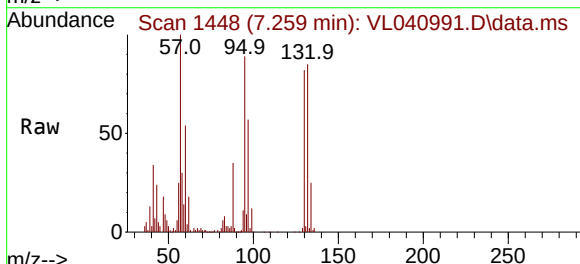
Delta R.T. 0.013 min

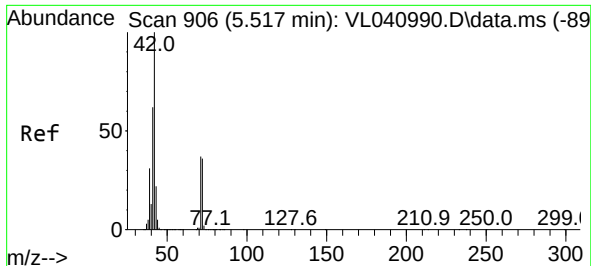
Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Tgt Ion: 88 Resp: 77719

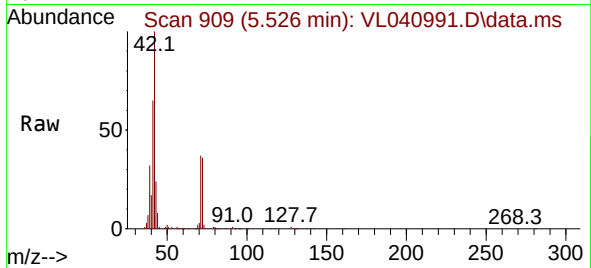
Ion	Ratio	Lower	Upper
88	100		
58	127.2	96.6	144.8
43	0.0	191.0	286.6#
57	0.0	810.6	1216.0#





#41
Tetrahydrofuran
Concen: 2.153 ppbv
RT: 5.526 min Scan# 906
Delta R.T. 0.010 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

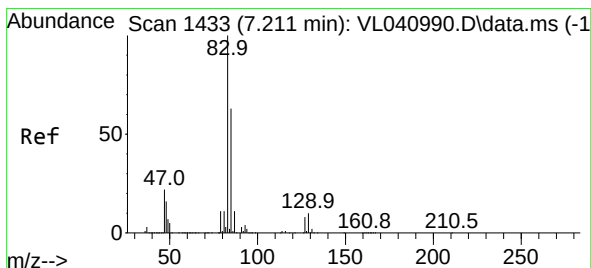
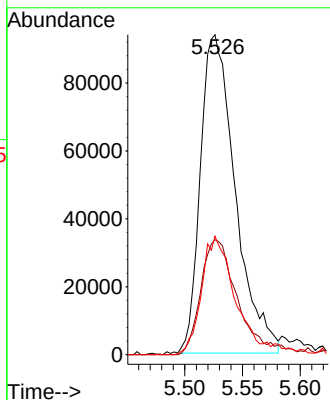
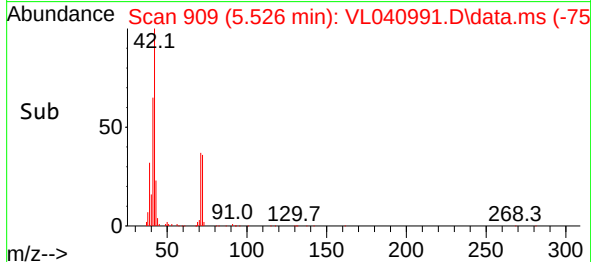
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 196960
Ion Ratio Lower Upper
42 100
72 38.9 30.0 45.0
71 38.2 29.5 44.3

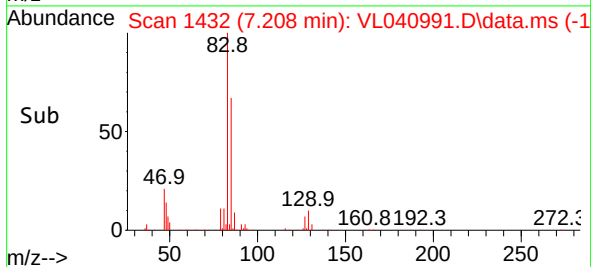
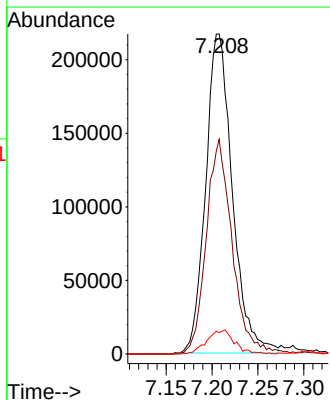
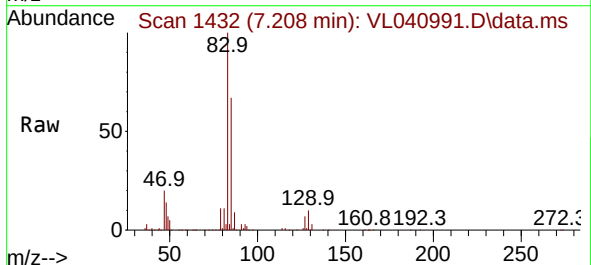
Manual Integrations
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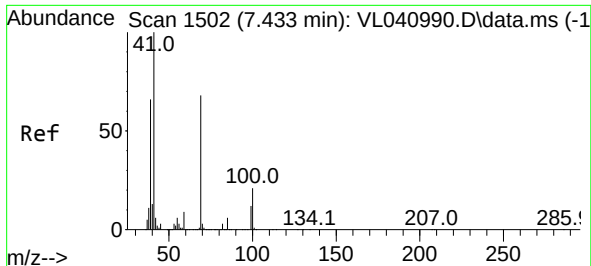
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
Bromodichloromethane
Concen: 2.288 ppbv
RT: 7.208 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

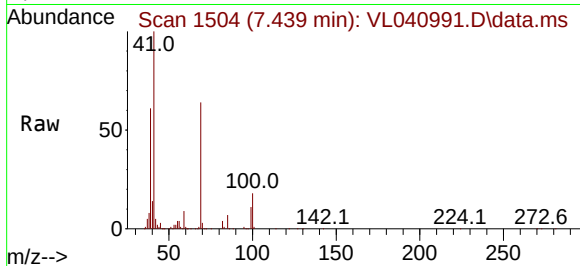
Tgt Ion: 83 Resp: 439387
Ion Ratio Lower Upper
83 100
85 67.1 50.5 75.7
127 6.7 6.4 9.6





#43
Methyl Methacrylate
Concen: 2.282 ppbv
RT: 7.439 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

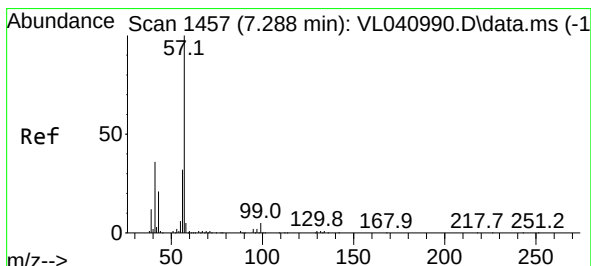
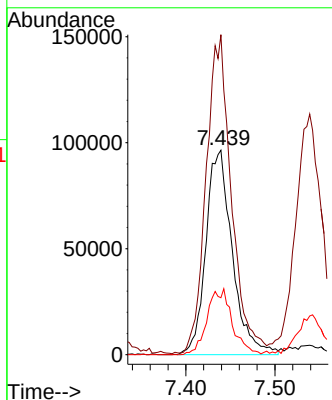
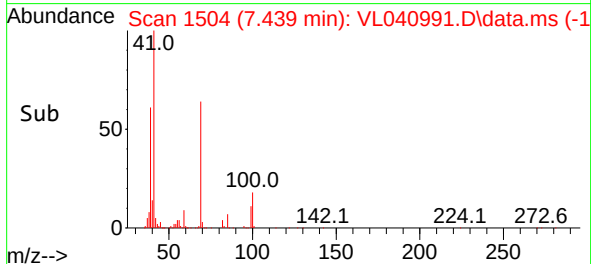
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC002



Tgt Ion: 69 Resp: 19891
Ion Ratio Lower Upper
69 100
41 150.6 120.2 180.2
100 30.6 24.6 36.8

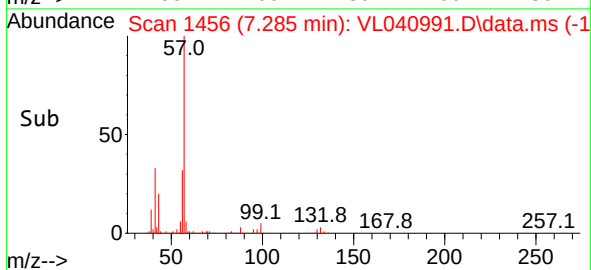
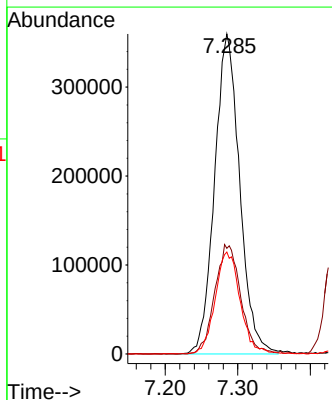
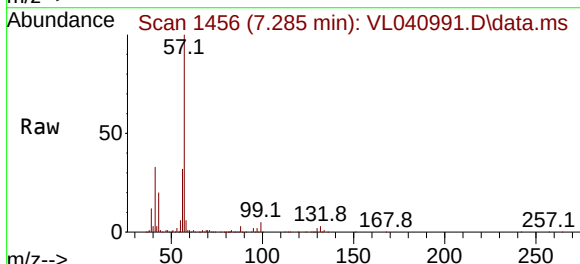
Manual Integrations
APPROVED

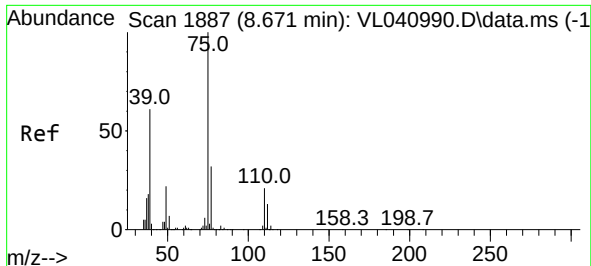
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 2.290 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 57 Resp: 864098
Ion Ratio Lower Upper
57 100
41 35.6 28.6 43.0
56 31.7 25.2 37.8





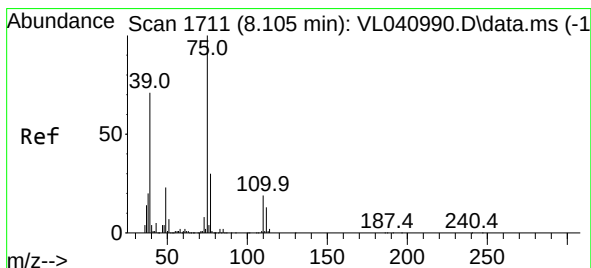
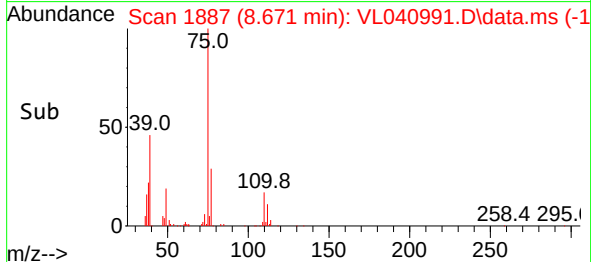
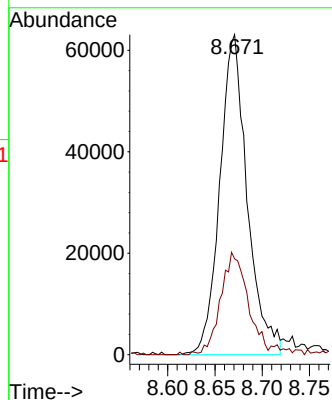
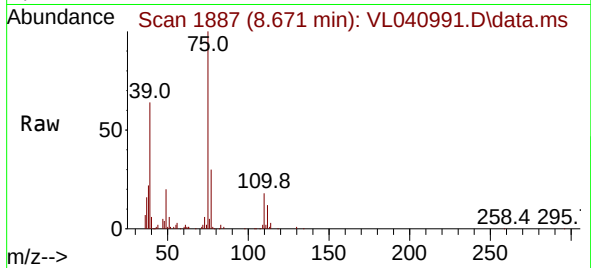
#45
 t-1,3-Dichloropropene
 Concen: 1.967 ppbv
 RT: 8.671 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 127188
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9

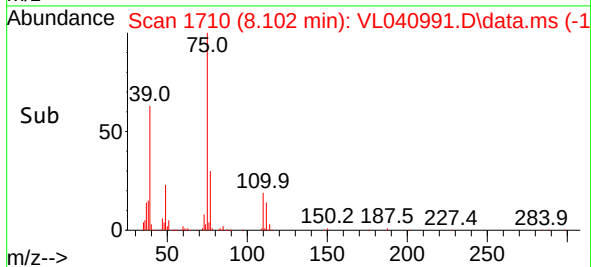
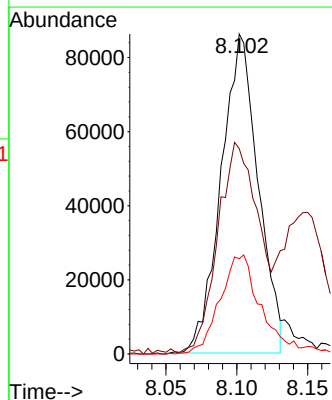
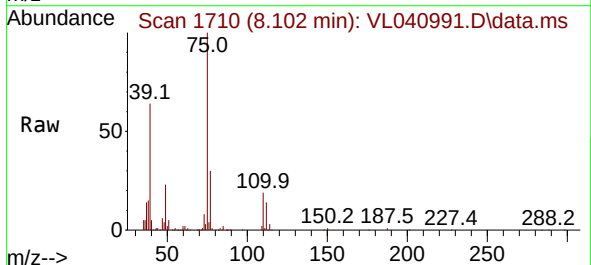
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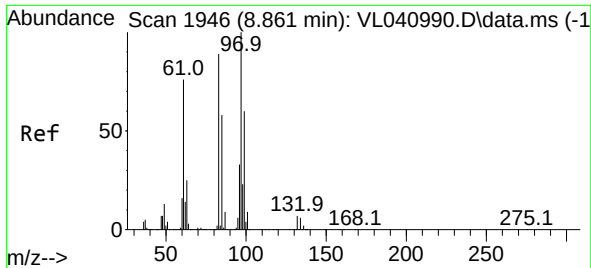
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#46
 cis-1,3-Dichloropropene
 Concen: 1.954 ppbv
 RT: 8.102 min Scan# 1710
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 75 Resp: 156385
 Ion Ratio Lower Upper
 75 100
 39 63.8 57.3 85.9
 77 29.2 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 2.242 ppbv

RT: 8.854 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 207670

Ion Ratio Lower Upper

97 100

83 82.6 71.5 107.3

85 54.7 46.1 69.1

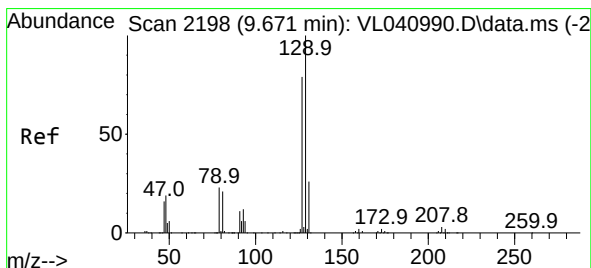
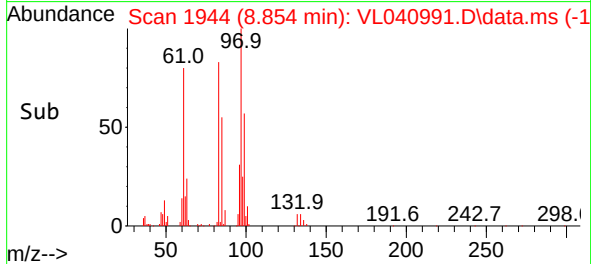
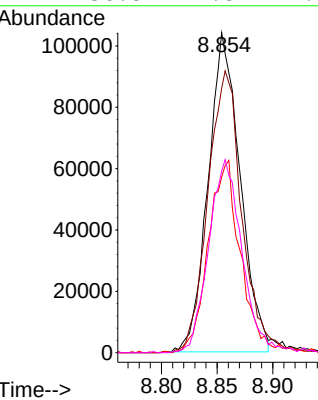
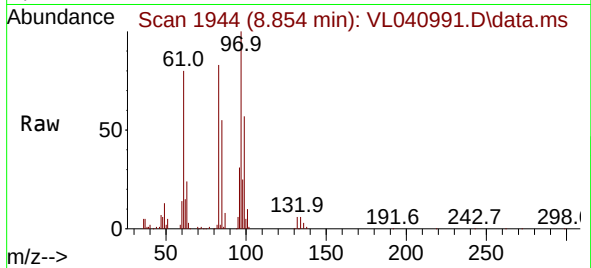
99 56.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#48

Dibromochloromethane

Concen: 2.251 ppbv

RT: 9.667 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VL040991.D

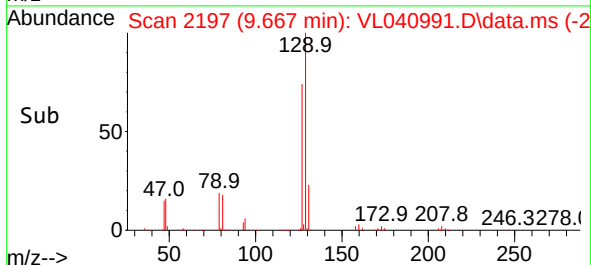
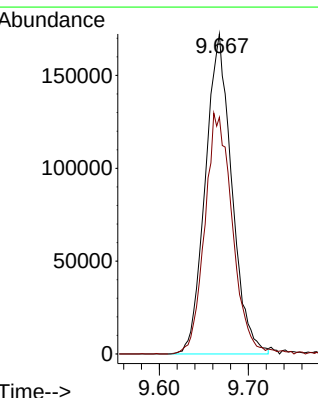
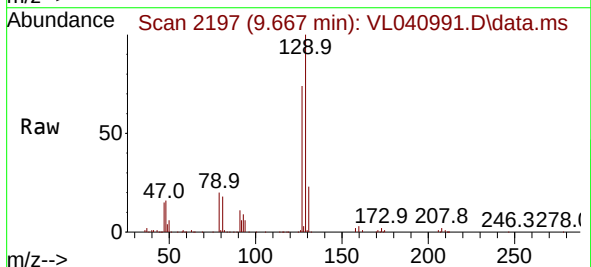
Acq: 23 Jan 2024 10:23

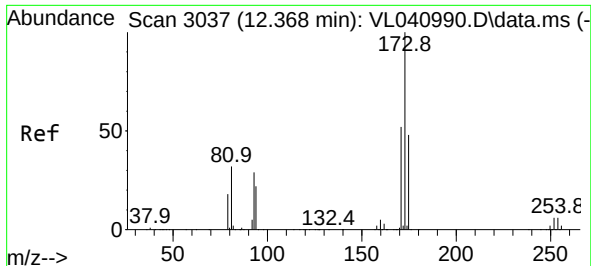
Tgt Ion:129 Resp: 355781

Ion Ratio Lower Upper

129 100

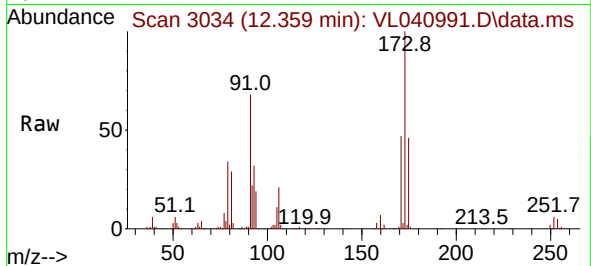
127 78.8 39.6 119.0





#49
Bromoform
Concen: 2.383 ppbv
RT: 12.359 min Scan# 3037
Delta R.T. -0.010 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

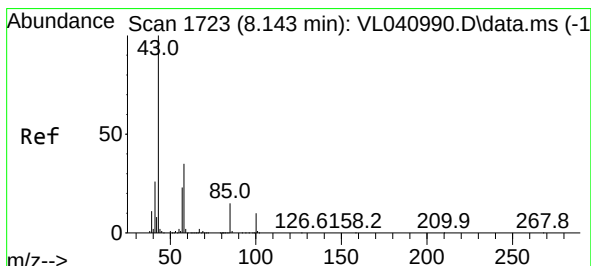
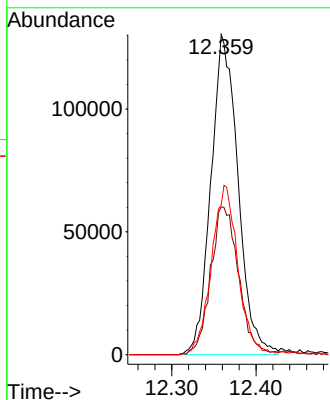
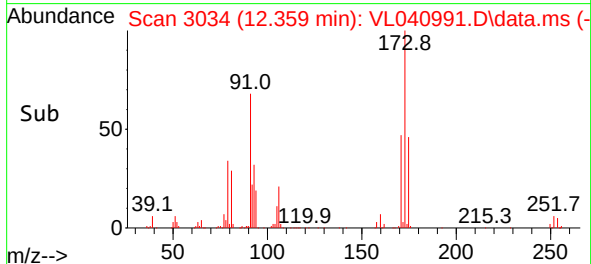
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:173 Resp: 29072
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
171 52.3 42.0 63.0

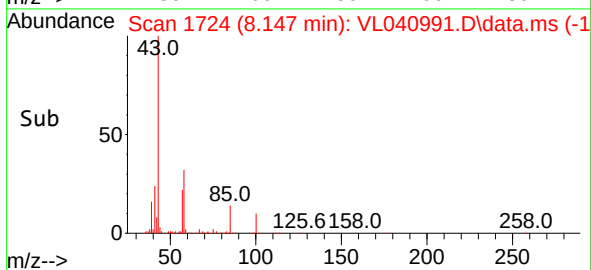
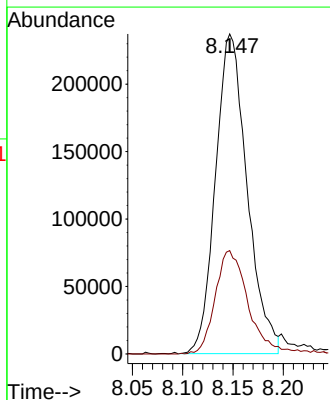
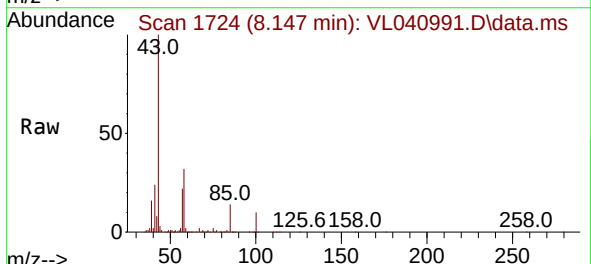
Manual Integrations
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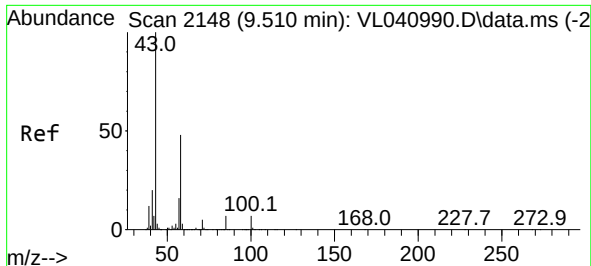
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50
4-Methyl-2-Pentanone
Concen: 2.280 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

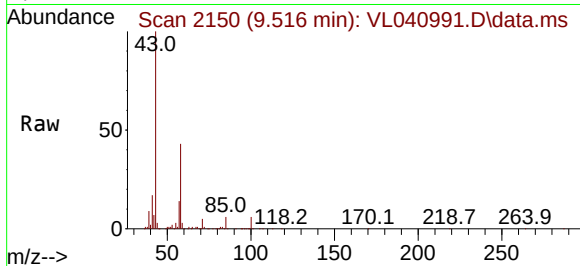
Tgt Ion: 43 Resp: 519108
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8





#51
2-Hexanone
Concen: 2.281 ppbv
RT: 9.516 min Scan# 2148
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

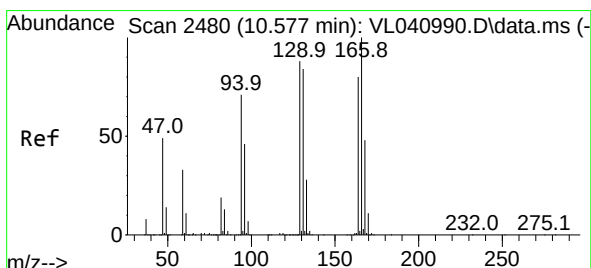
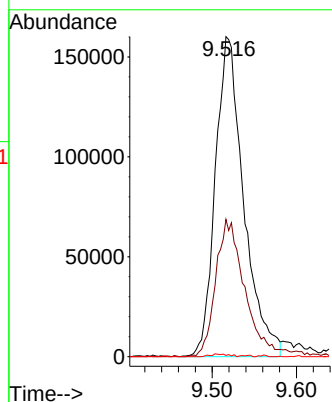
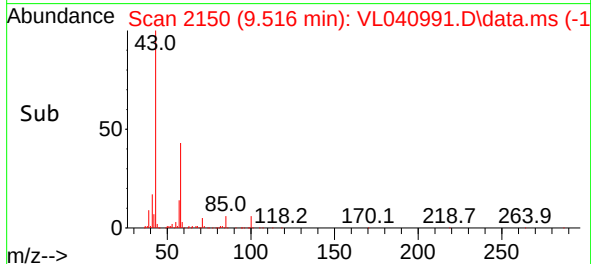
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 37391
Ion Ratio Lower Upper
43 100
58 45.5 36.8 55.2
98 0.8 0.3 0.5

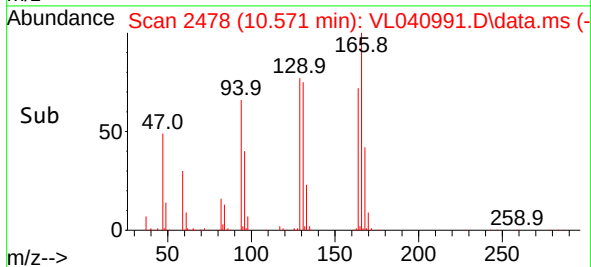
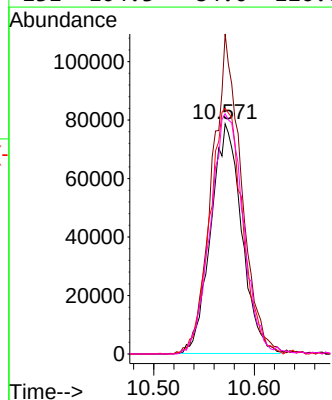
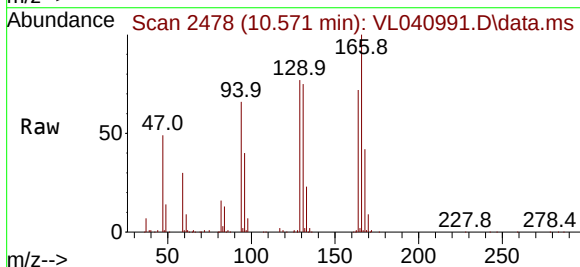
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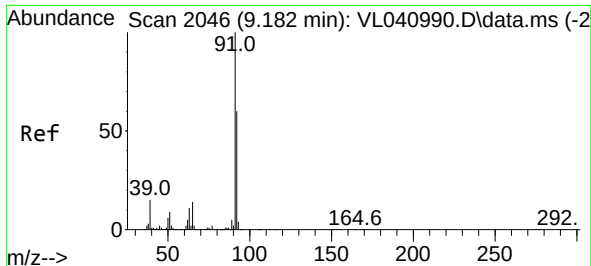
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 2.234 ppbv
RT: 10.571 min Scan# 2478
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:164 Resp: 167164
Ion Ratio Lower Upper
164 100
166 138.9 100.2 150.2
129 106.1 87.9 131.9
131 104.3 84.0 126.0





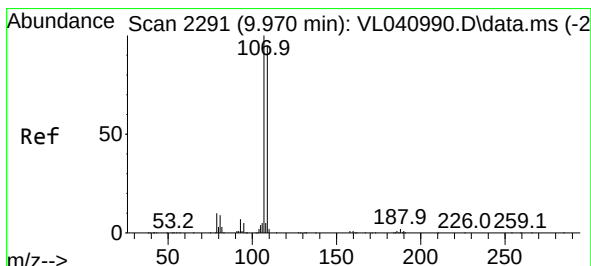
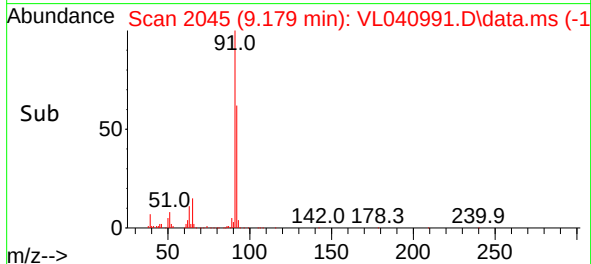
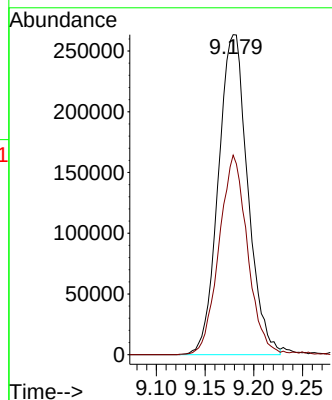
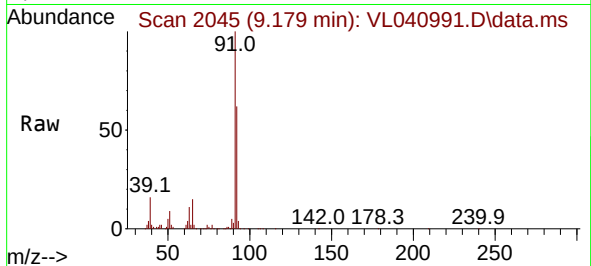
#53
Toluene
Concen: 2.248 ppbv
RT: 9.179 min Scan# 2045
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 55378
Ion Ratio Lower Upper
91 100
92 61.1 48.6 72.8

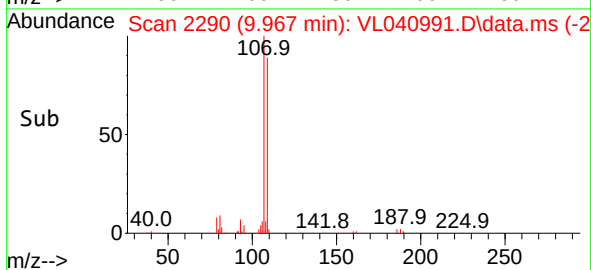
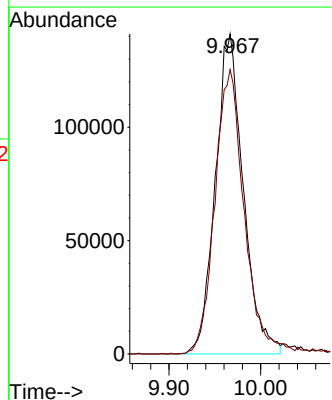
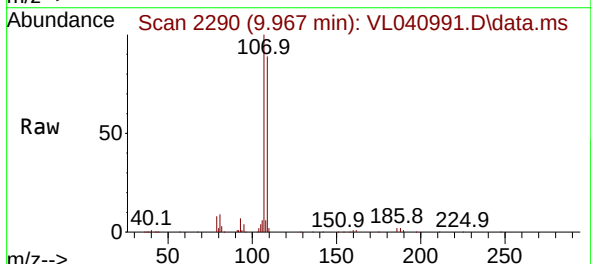
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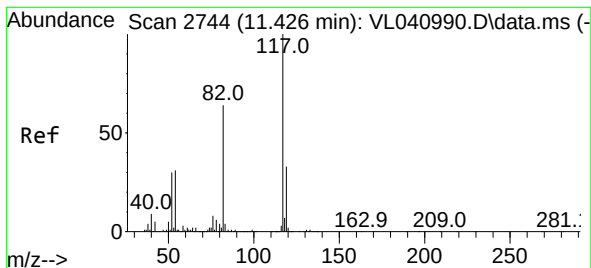
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#54
1,2-Dibromoethane
Concen: 2.351 ppbv
RT: 9.967 min Scan# 2290
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

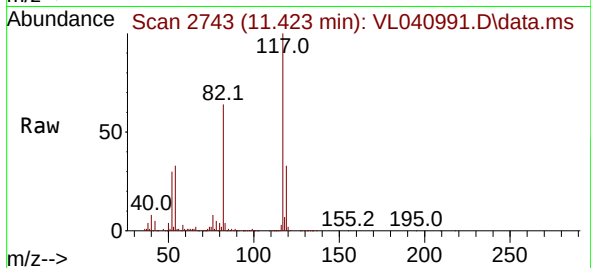
Tgt Ion:107 Resp: 298784
Ion Ratio Lower Upper
107 100
109 88.7 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

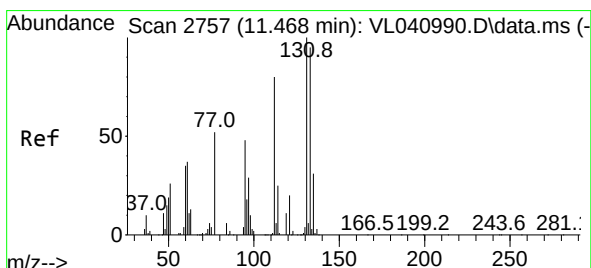
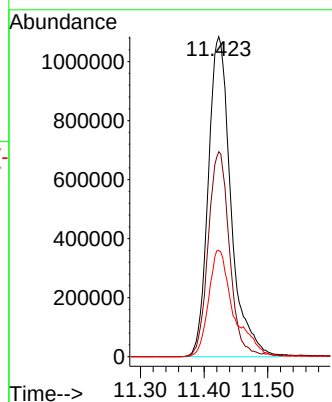
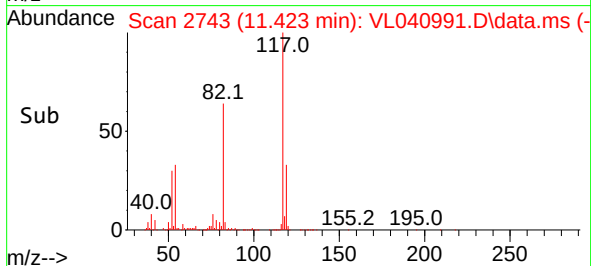
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



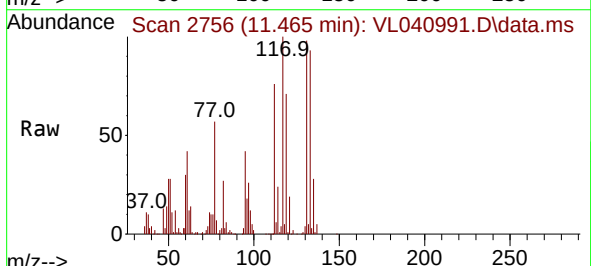
Tgt Ion:117 Resp: 2677998
Ion Ratio Lower Upper
117 100
82 60.7 51.7 77.5
119 36.8 23.8 35.6

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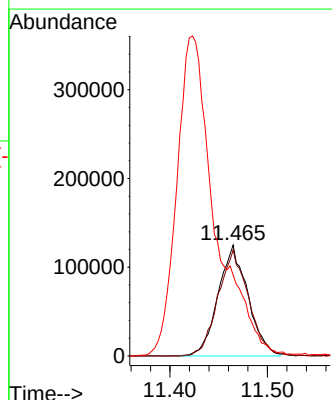
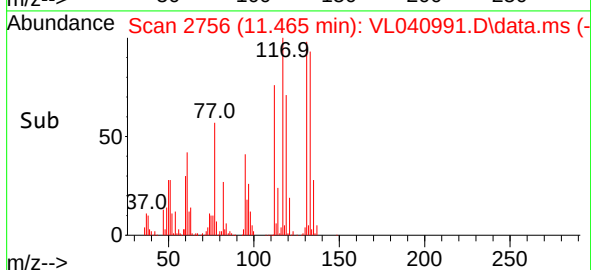
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

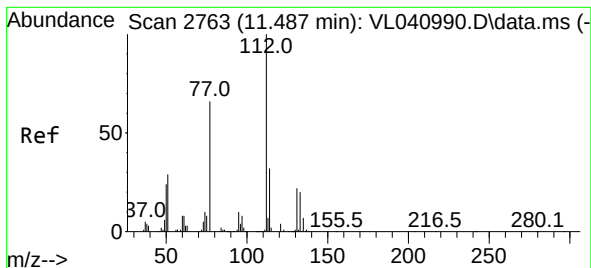


#56
1,1,1,2-Tetrachloroethane
Concen: 2.260 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



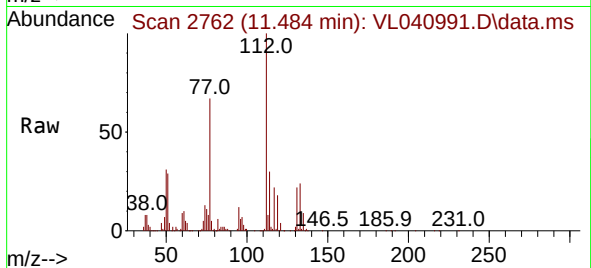
Tgt Ion:131 Resp: 264698
Ion Ratio Lower Upper
131 100
133 98.3 75.9 113.9
119 375.8 49.2 73.8





#57
Chlorobenzene
Concen: 2.305 ppbv
RT: 11.484 min Scan# 2763
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

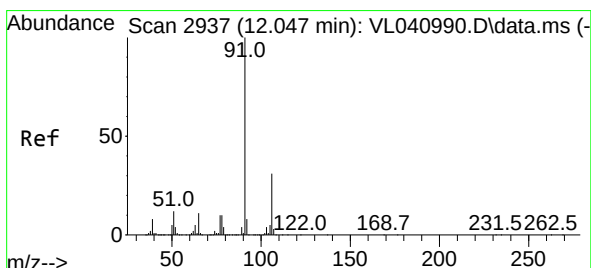
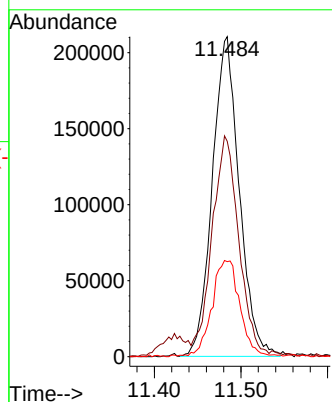
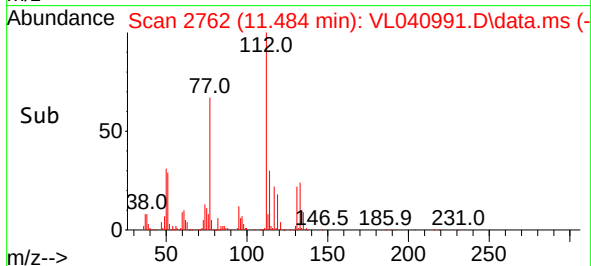
Instrument : MSVOA_L
ClientSampleId : VSTDICC002



Tgt Ion:112 Resp: 45465
Ion Ratio Lower Upper
112 100
77 66.3 53.4 80.0
114 29.3 29.1 35.5

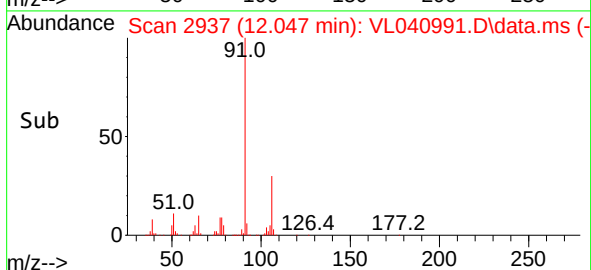
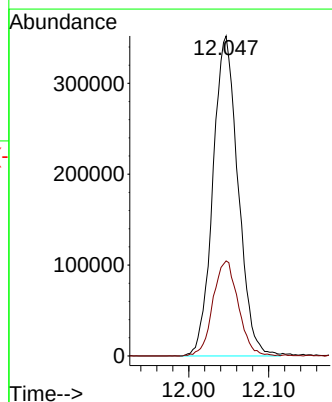
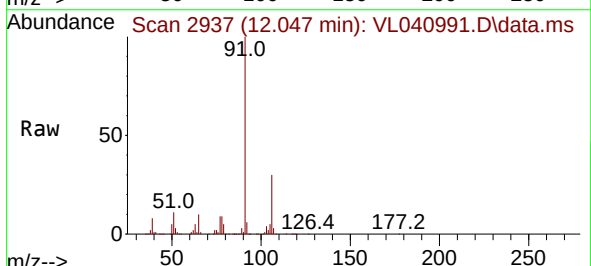
Manual Integrations
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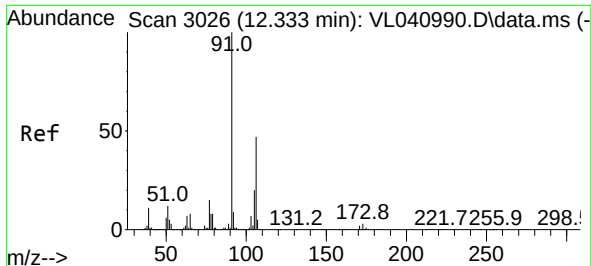
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
Ethyl Benzene
Concen: 2.238 ppbv
RT: 12.047 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 91 Resp: 769779
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2





#59

m/p-Xylene

Concen: 4.606 ppbv m

RT: 12.330 min Scan# 3026

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 1347704

Ion Ratio Lower Upper

91 100

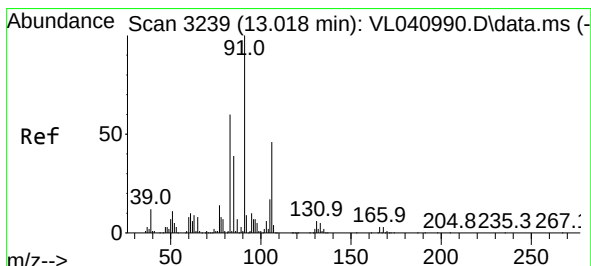
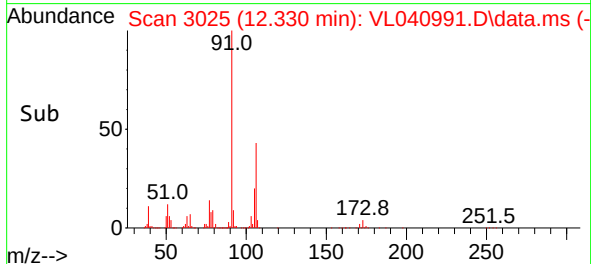
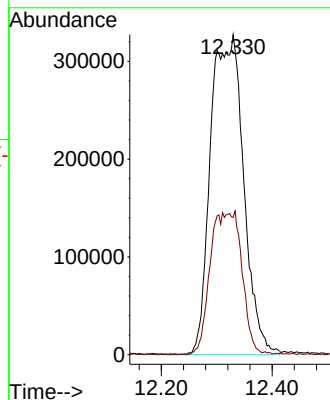
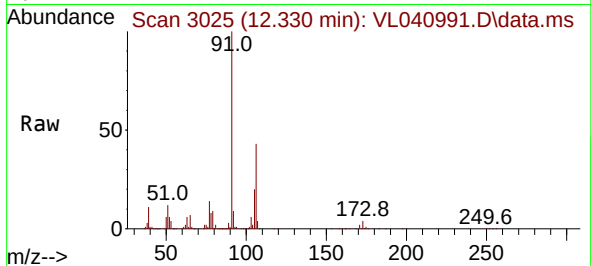
106 43.0 34.9 52.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#60

o-Xylene

Concen: 2.373 ppbv

RT: 13.011 min Scan# 3237

Delta R.T. -0.006 min

Lab File: VL040991.D

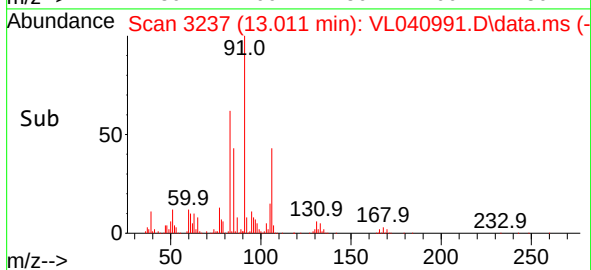
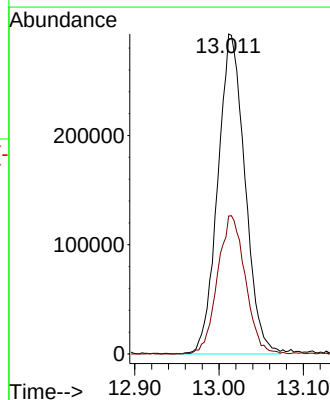
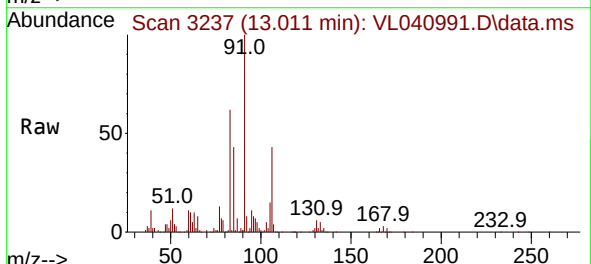
Acq: 23 Jan 2024 10:23

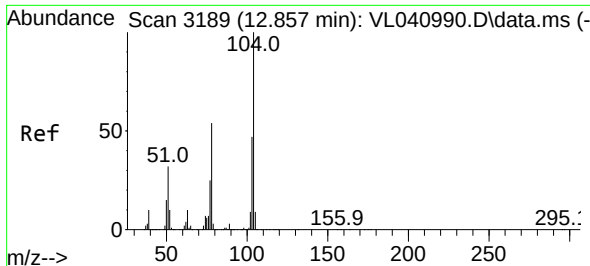
Tgt Ion: 91 Resp: 654264

Ion Ratio Lower Upper

91 100

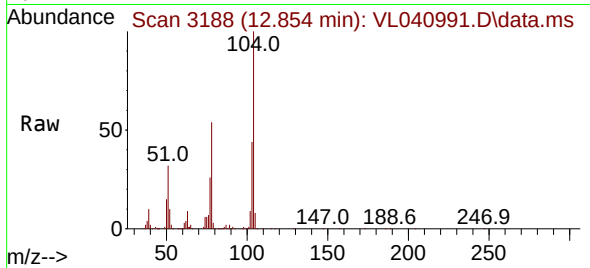
106 44.3 22.6 67.7





#61
Styrene
Concen: 2.252 ppbv
RT: 12.854 min Scan# 3189
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

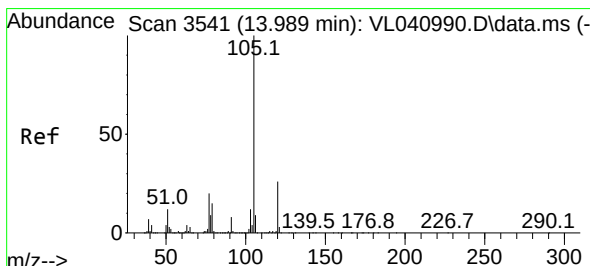
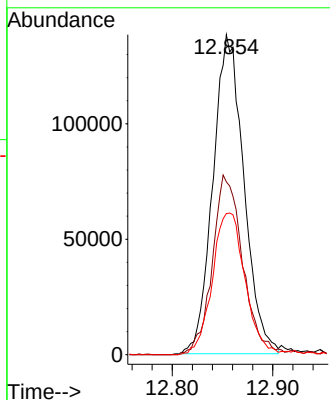
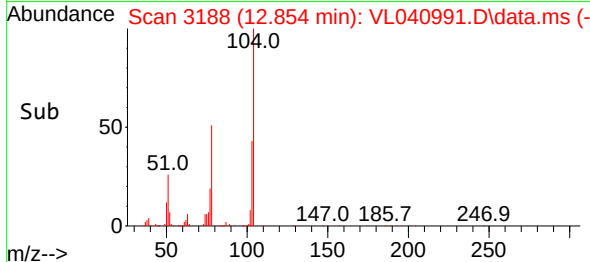
Instrument : MSVOA_L
ClientSampleId : VSTDICC002



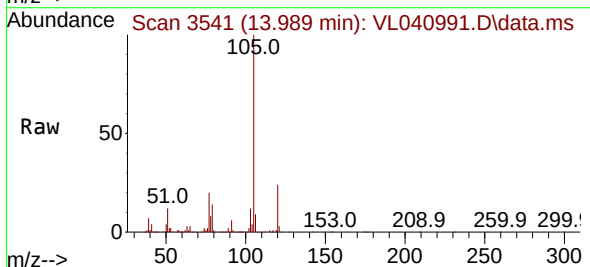
Tgt Ion:104 Resp: 295172
Ion Ratio Lower Upper
104 100
78 55.9 42.7 64.1
103 47.7 37.6 56.4

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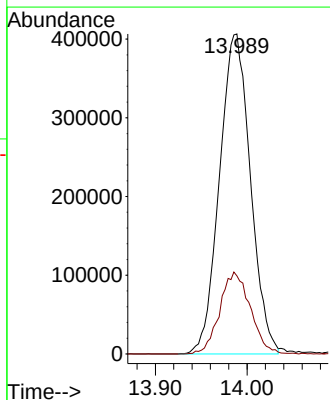
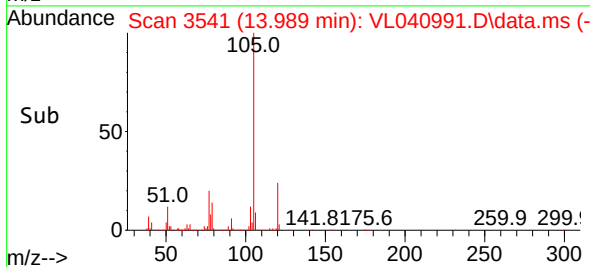
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

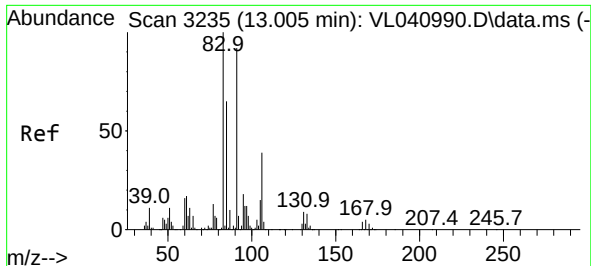


#62
Isopropylbenzene
Concen: 2.333 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion:105 Resp: 953848
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3





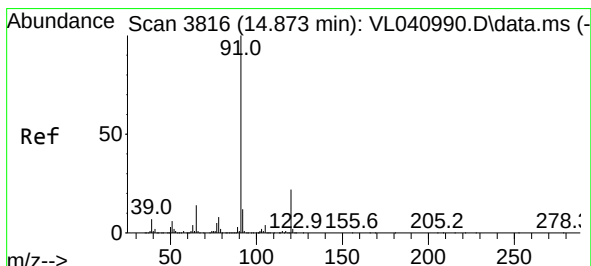
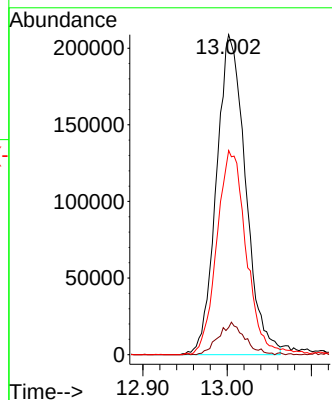
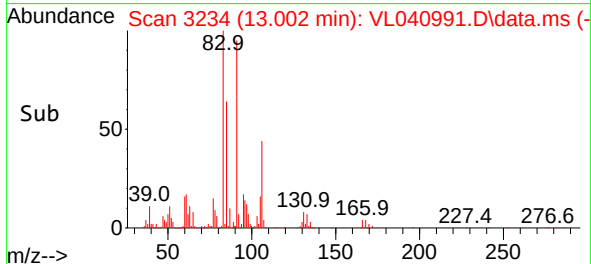
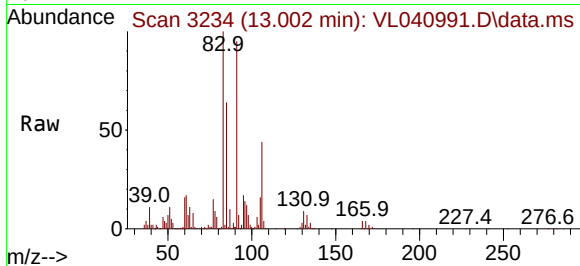
#63
1,1,2,2-Tetrachloroethane
Concen: 2.520 ppbv
RT: 13.002 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 83 Resp: 500438
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.5 33.0 99.0

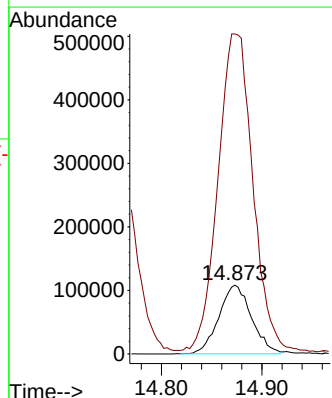
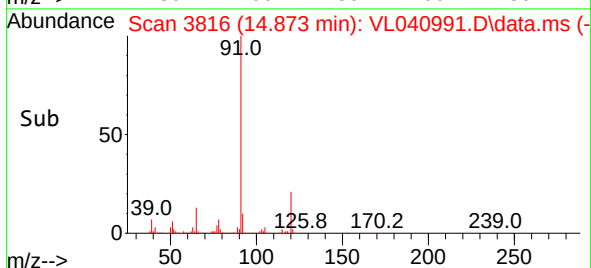
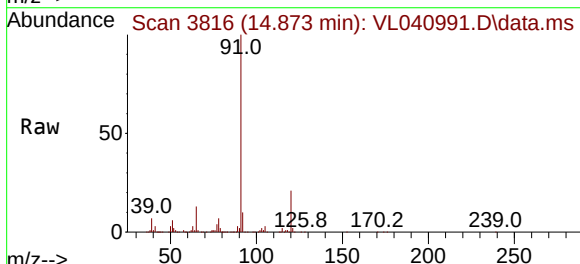
Manual Integrations
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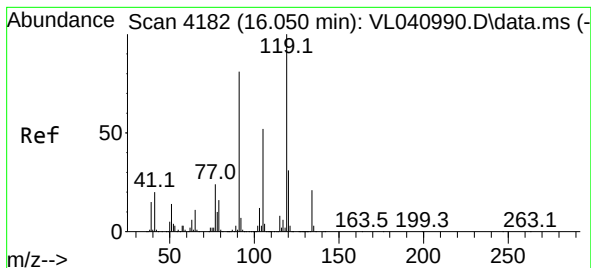
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#64
n-propylbenzene
Concen: 2.375 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

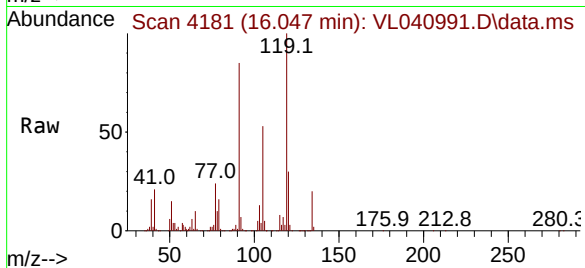
Tgt Ion:120 Resp: 243546
Ion Ratio Lower Upper
120 100
91 508.6 390.6 585.8





#65
tert-Butylbenzene
Concen: 2.466 ppbv
RT: 16.047 min Scan# 4182
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

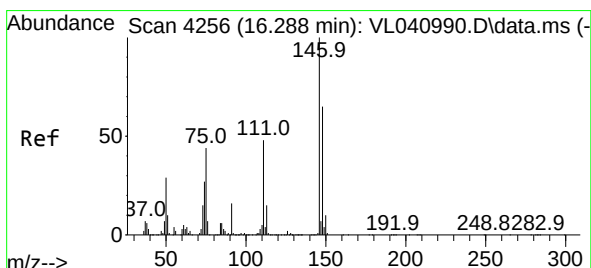
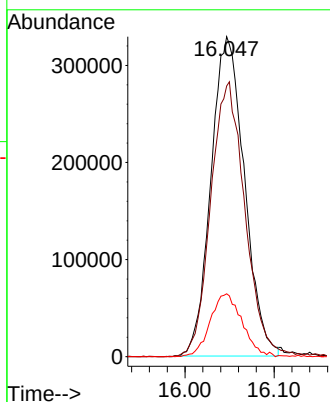
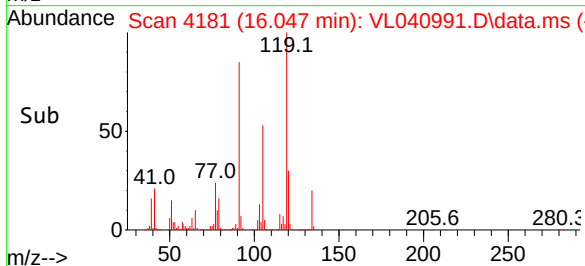
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



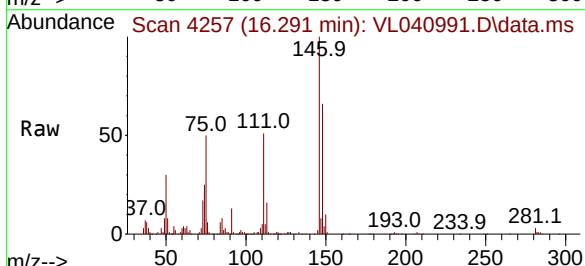
Tgt Ion: 119 Resp: 856997
Ion Ratio Lower Upper
119 100
91 88.7 67.6 101.4
134 19.1 16.1 24.1

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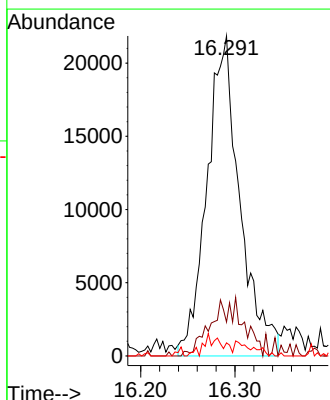
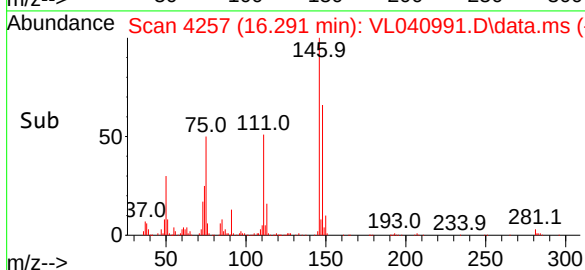
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

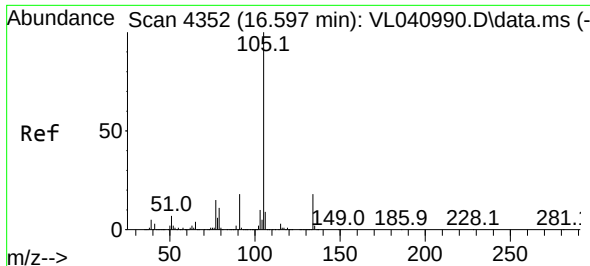


#66
Benzyl Chloride
Concen: 2.229 ppbv m
RT: 16.291 min Scan# 4257
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



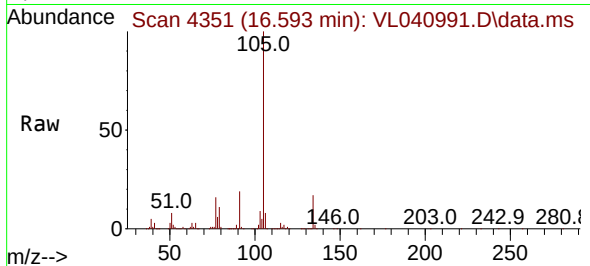
Tgt Ion: 91 Resp: 52997
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 6.7 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 2.484 ppbv
 RT: 16.593 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

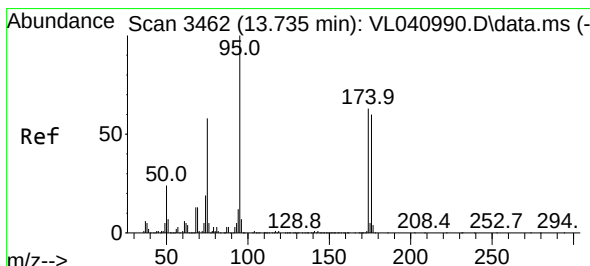
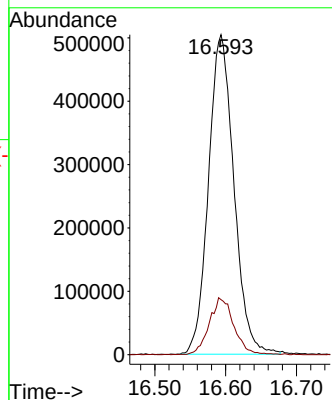
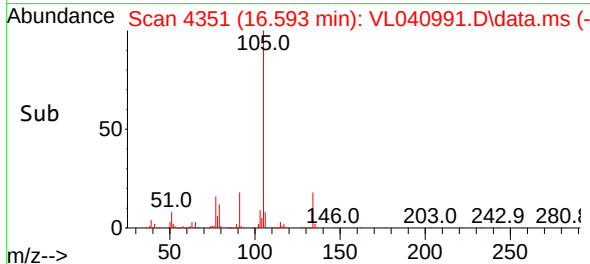
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



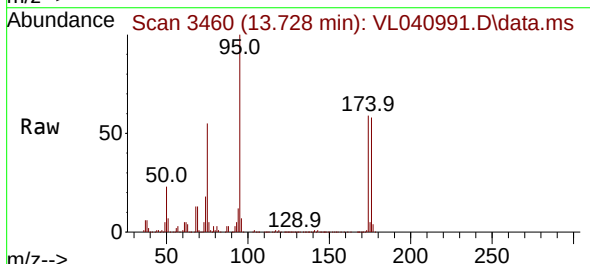
Tgt Ion:105 Resp: 125422
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4

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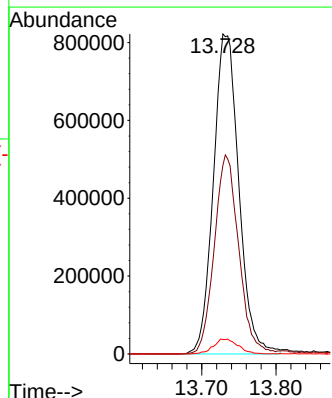
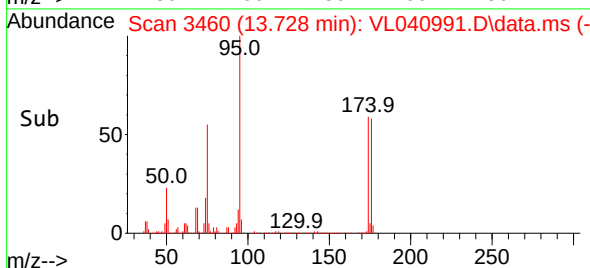
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

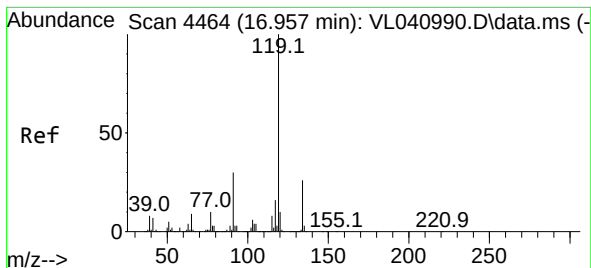


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.930 ppbv
 RT: 13.728 min Scan# 3460
 Delta R.T. -0.006 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23



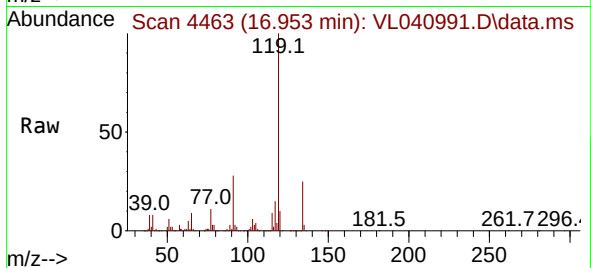
Tgt Ion: 95 Resp: 1958718
 Ion Ratio Lower Upper
 95 100
 174 61.0 49.1 73.7
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 2.505 ppbv
RT: 16.953 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

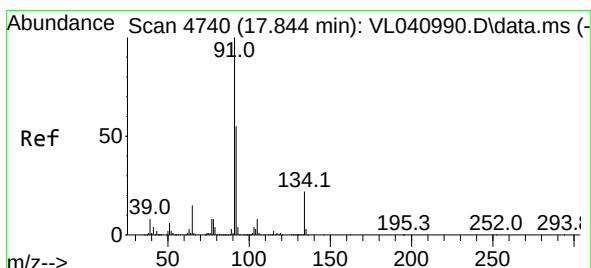
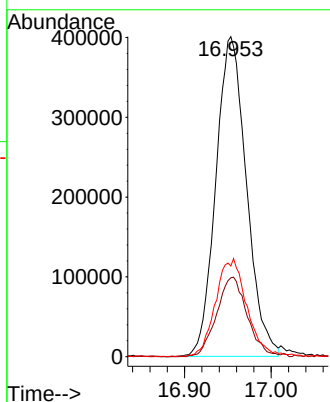
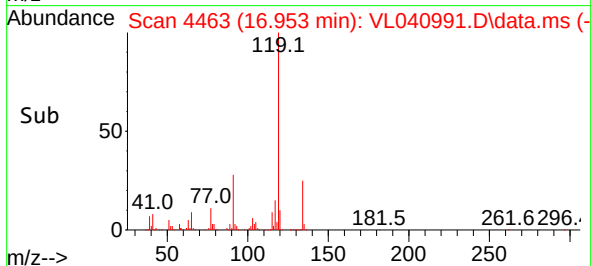
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



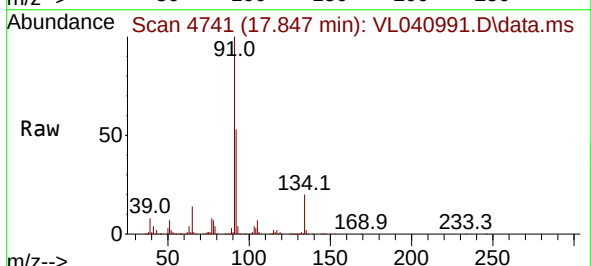
Tgt Ion:119 Resp: 983130
Ion Ratio Lower Upper
119 100
134 25.1 20.6 30.8
91 31.6 24.5 36.7

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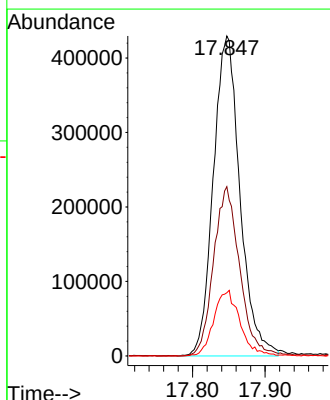
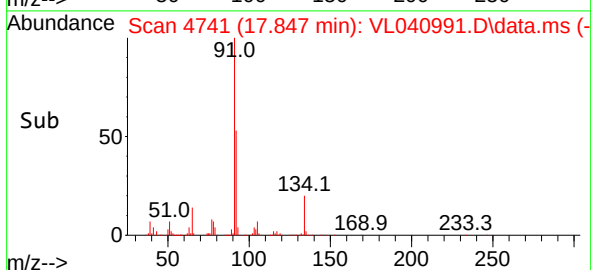
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

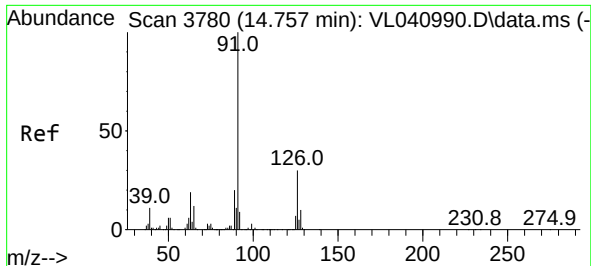


#70
n-Butylbenzene
Concen: 2.689 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion: 91 Resp: 1095680
Ion Ratio Lower Upper
91 100
92 52.3 43.4 65.0
134 20.3 17.4 26.0





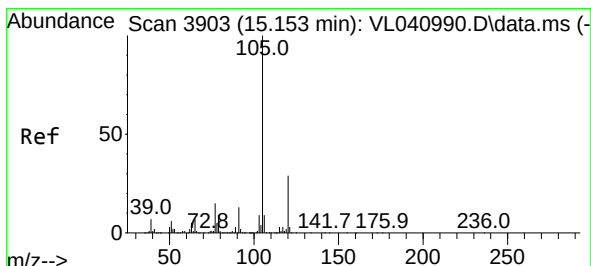
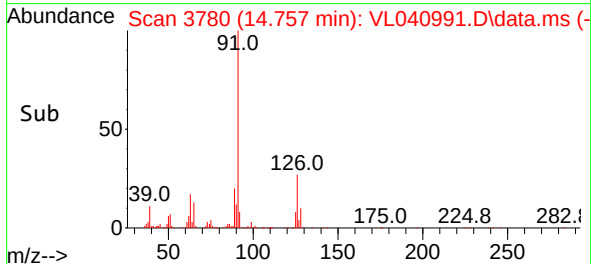
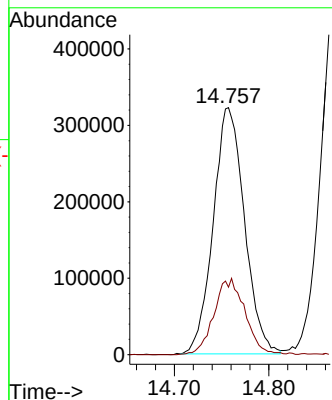
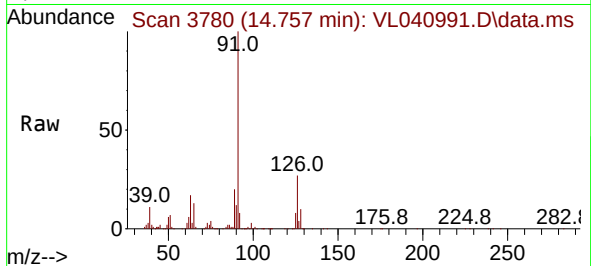
#71
2-Chlorotoluene
Concen: 2.354 ppbv
RT: 14.757 min Scan# 3780
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 74108
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.1

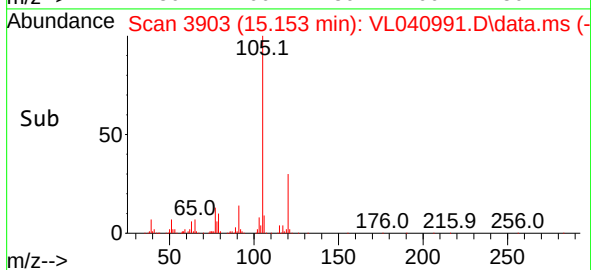
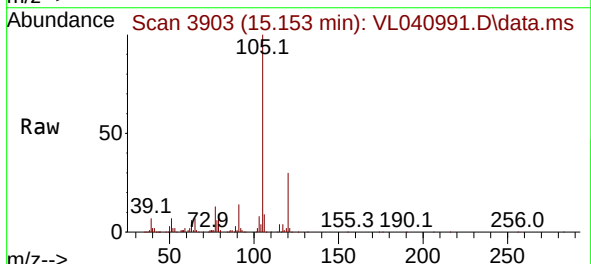
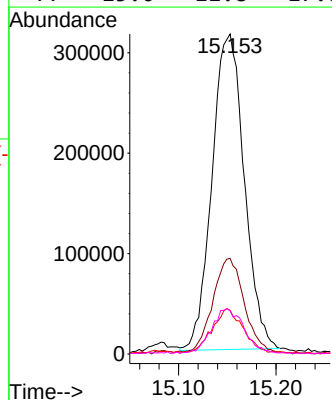
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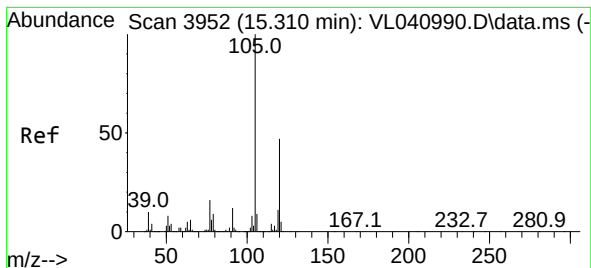
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#72
4-Ethyltoluene
Concen: 2.388 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:105 Resp: 722381
Ion Ratio Lower Upper
105 100
120 31.2 24.3 36.5
91 14.7 11.0 16.4
77 15.0 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 2.507 ppbv

RT: 15.307 min Scan# 3951

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 65476

Ion Ratio Lower Upper

105 100

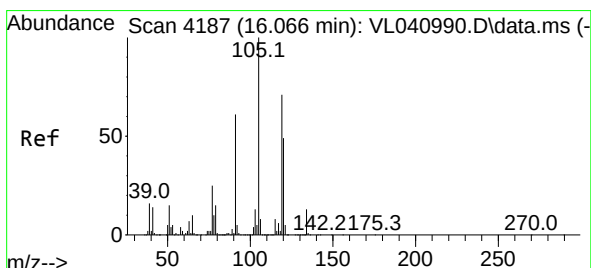
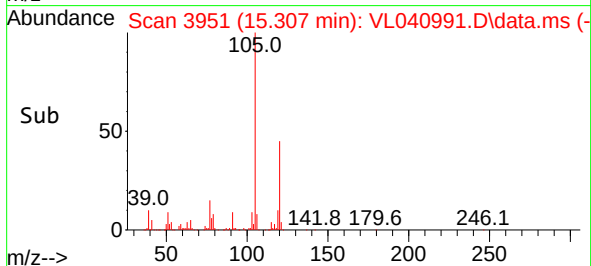
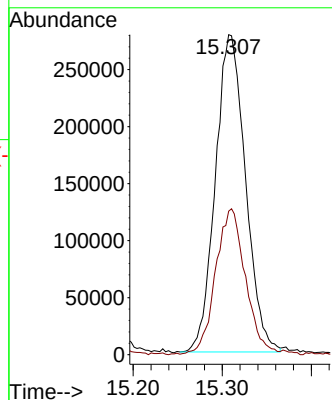
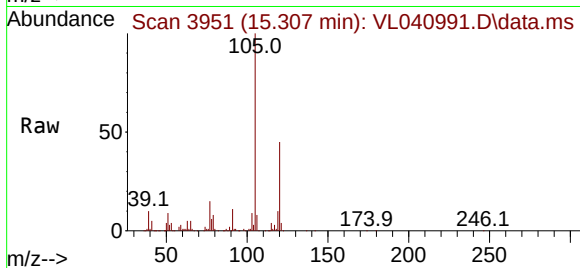
120 45.1 37.2 55.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#74

1,2,4-Trimethylbenzene

Concen: 2.563 ppbv

RT: 16.063 min Scan# 4186

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Tgt Ion:105 Resp: 744855

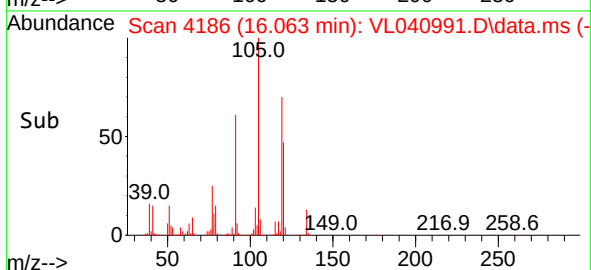
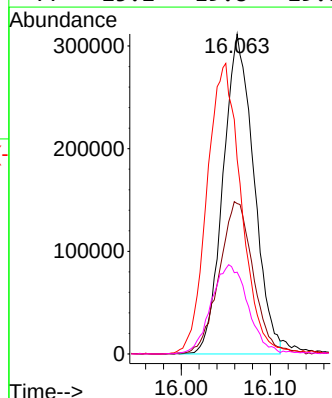
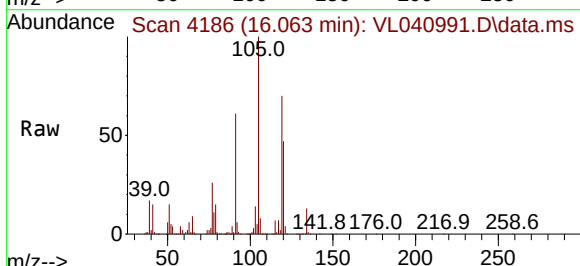
Ion Ratio Lower Upper

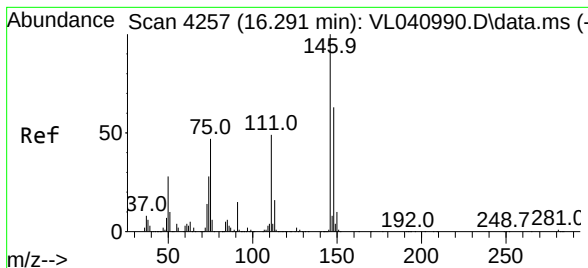
105 100

120 46.7 39.3 58.9

91 59.2 48.7 73.1

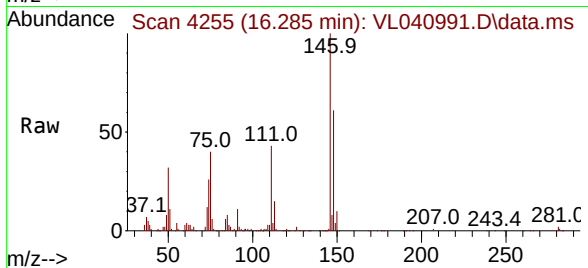
77 25.2 19.8 29.8





#75
1,3-Dichlorobenzene
Concen: 2.507 ppbv
RT: 16.285 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

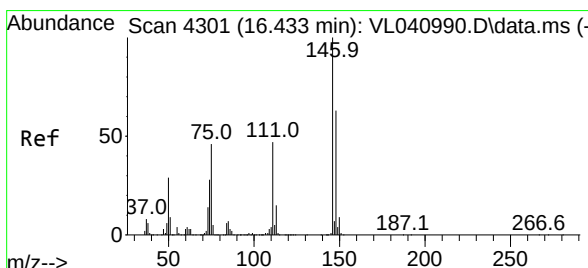
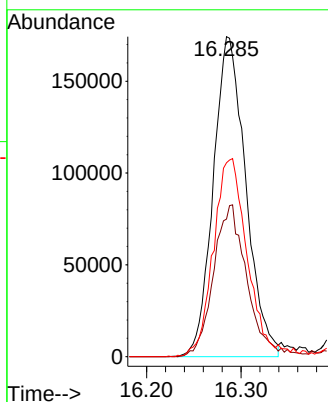
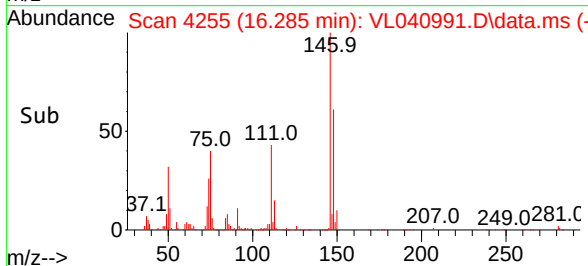
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



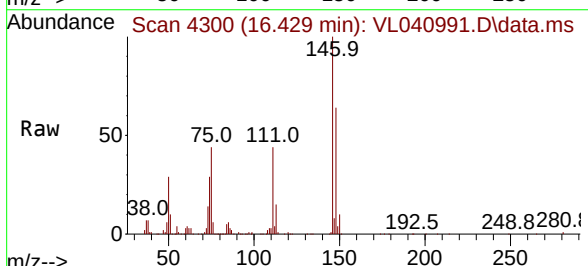
Tgt Ion:146 Resp: 41623
Ion Ratio Lower Upper
146 100
111 48.8 24.4 73.2
148 65.2 32.5 97.4

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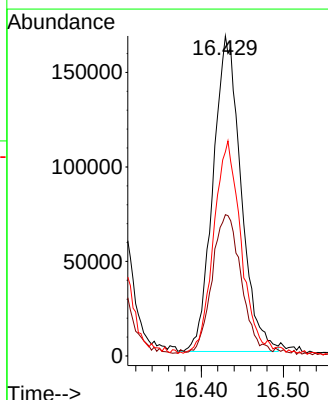
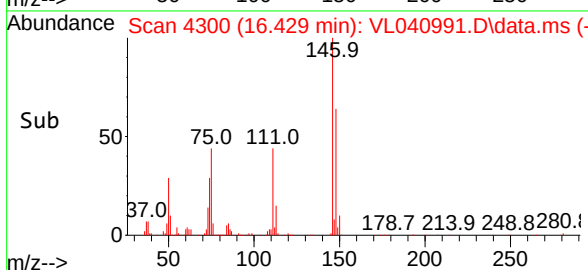
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

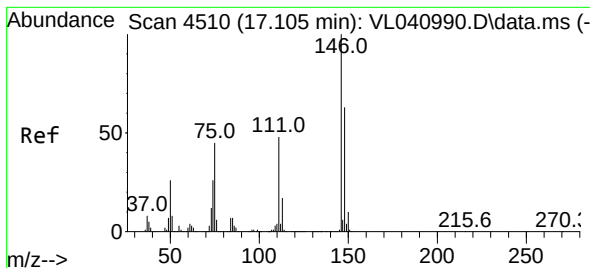


#76
1,4-Dichlorobenzene
Concen: 2.432 ppbv
RT: 16.429 min Scan# 4300
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23



Tgt Ion:146 Resp: 394924
Ion Ratio Lower Upper
146 100
111 48.7 24.0 72.0
148 69.9 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 2.616 ppbv

RT: 17.101 min Scan# 41833

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:146 Resp: 41833

Ion Ratio Lower Upper

146 100

111 50.9 24.8 74.3

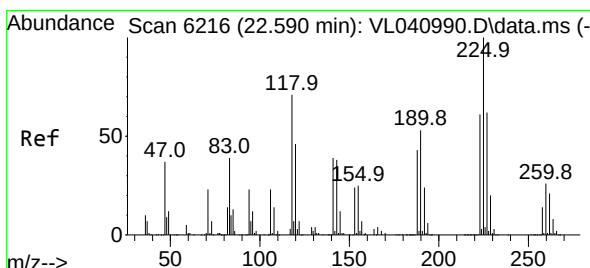
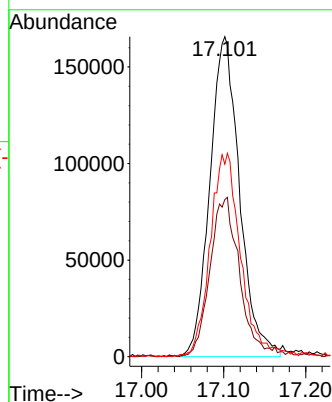
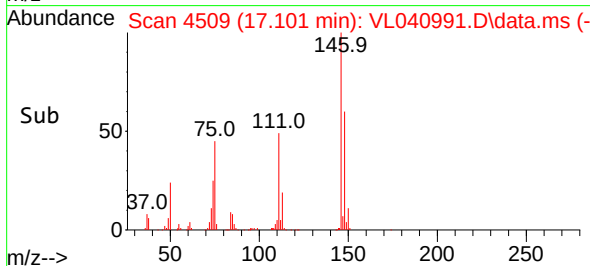
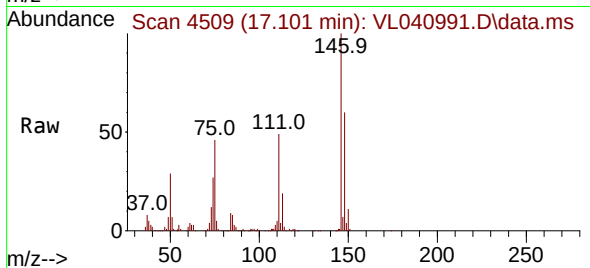
148 65.4 31.8 95.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 2.810 ppbv m

RT: 22.587 min Scan# 6215

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

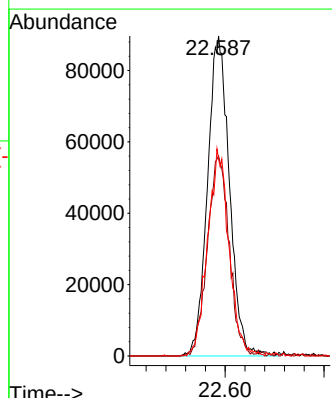
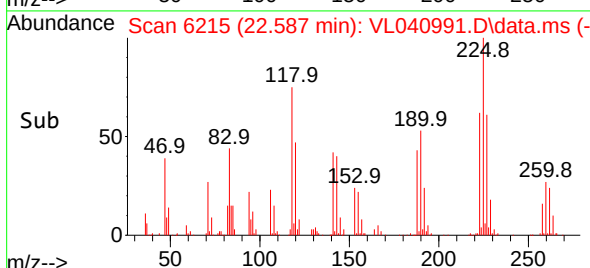
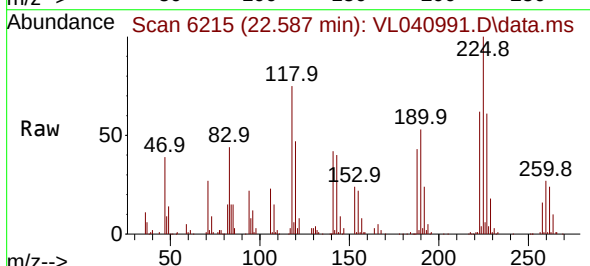
Tgt Ion:225 Resp: 276405

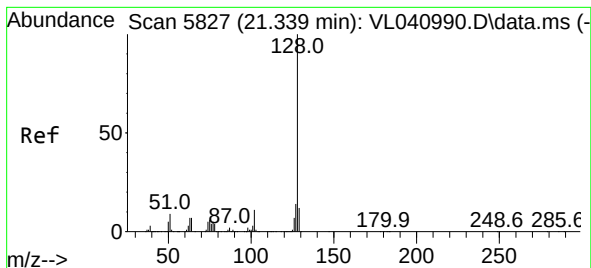
Ion Ratio Lower Upper

225 100

223 62.9 51.1 76.7

227 63.1 51.0 76.4





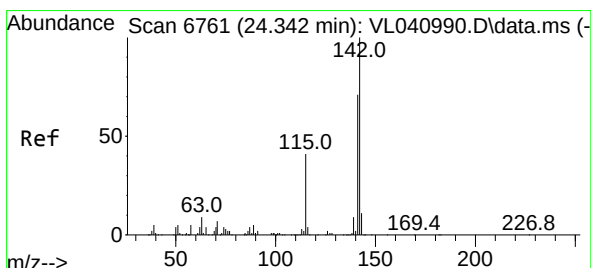
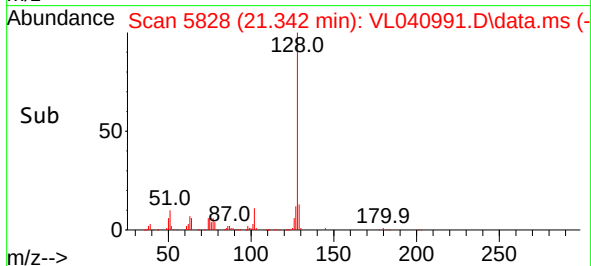
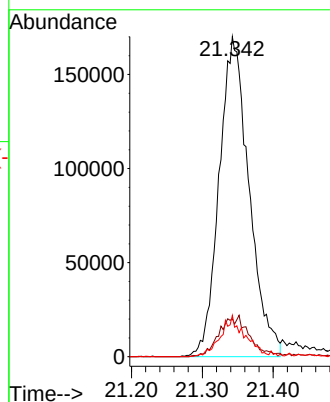
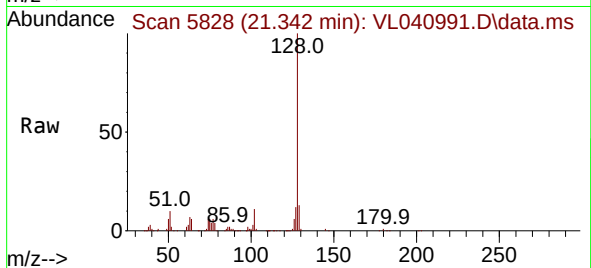
#79
Naphthalene
Concen: 3.565 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 499178
Ion Ratio Lower Upper
128 100
127 11.9 10.9 16.3
129 12.9 9.3 13.9

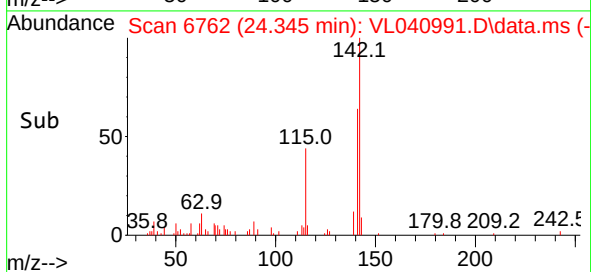
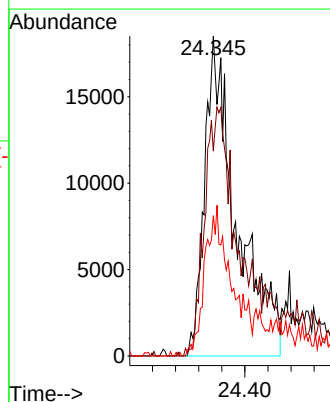
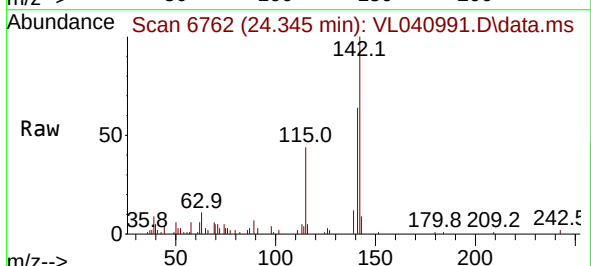
Manual Integrations
APPROVED

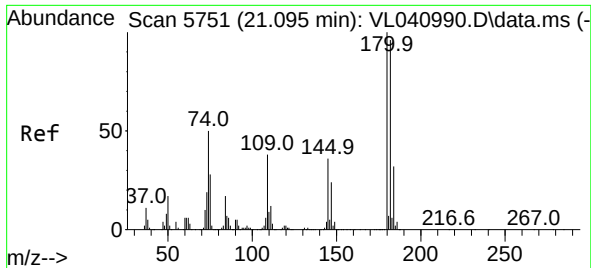
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#80
Naphthalene,2-methyl-
Concen: 2.762 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

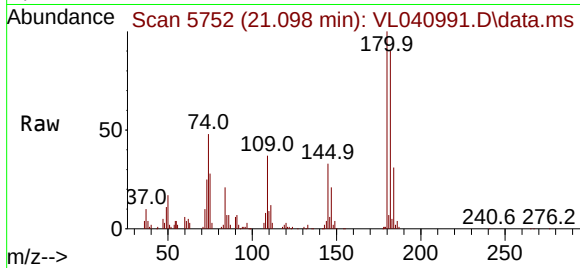
Tgt Ion:142 Resp: 70680
Ion Ratio Lower Upper
142 100
141 86.8 62.7 94.1
115 43.9 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 3.029 ppbv
 RT: 21.098 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 243475
 Ion Ratio Lower Upper
 180 100
 182 101.3 78.6 118.0
 184 31.9 24.4 36.6

Manual Integrations
 APPROVED

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

