

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041026.D
 Acq On : 25 Jan 2024 12:14
 Operator : SY/MD
 Sample : VL0125ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/26/2024
 Supervised By : Mahesh Dadoda 01/26/2024

Quant Time: Jan 26 00:25:59 2024

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

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

QLast Update : Fri Jan 26 00:23:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1184355	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2990972	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2838458m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2132642 9.947 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	2443255	9.340	ppbv	97
3) Chlorodifluoromethane	2.665	51	1896304	9.520	ppbv	99
4) Chloromethane	2.800	50	724572	9.704	ppbv	99
5) Vinyl Chloride	2.909	62	746710	10.200	ppbv	99
6) Bromomethane	3.108	94	316970	9.944	ppbv	97
7) Chloroethane	3.185	64	265003	10.053	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1817144	9.299	ppbv	98
9) Propene	2.684	41	665884	10.191	ppbv	94
10) Heptane	7.568	43	1593786	9.911	ppbv	100
11) Trichlorofluoromethane	3.549	101	1956334	9.281	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1401950	9.177	ppbv	99
13) Ethanol	3.227	45	130705	8.393	ppbv	97
14) Bromoethene	3.353	108	577474	9.846	ppbv	98
15) Acetone	3.455	43	1344358	8.876	ppbv	99
16) 1,3-Butadiene	2.973	39	700214	9.664	ppbv	98
17) tert-Butyl alcohol	3.867	59	1292467	10.404	ppbv	98
18) 1,1-Dichloroethene	3.867	96	618206	9.452	ppbv	98
19) Isopropyl Alcohol	3.565	45	874971	9.980	ppbv #	97
20) Methylene Chloride	3.922	84	513964	8.819	ppbv	93
21) Allyl Chloride	3.986	41	900636	9.787	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	649409	9.643	ppbv	100
23) Vinyl Acetate	4.616	43	1578097	10.108	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1313312	9.483	ppbv	100
25) Ethyl Acetate	5.192	43	2745636	9.998	ppbv	99
26) Hexane	5.201	57	1170201	9.997	ppbv	99
27) Carbon Disulfide	4.111	76	1586977	10.418	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	934926	9.623	ppbv	99
29) Chloroform	5.263	83	1975092	9.513	ppbv	98
30) Cyclohexane	6.590	84	971888	9.909	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1197887	10.903	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	1991293	10.035	ppbv	99
34) 2-Butanone	4.774	43	1455980	10.218	ppbv	99
35) Carbon Tetrachloride	6.481	117	2088953	10.473	ppbv	98
36) Benzene	6.359	78	2504267	10.138	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1518063	10.070	ppbv	100
38) Trichloroethene	7.279	130	969959	9.794	ppbv	99
39) 1,2-Dichloropropane	7.060	63	968681	9.954	ppbv	98
40) 1,4-Dioxane	7.272	88	414156	10.247	ppbv	96
41) Tetrahydrofuran	5.542	42	1053960	10.894	ppbv	99
42) Bromodichloromethane	7.240	83	2212753	10.259	ppbv	98
43) Methyl Methacrylate	7.462	69	1045708	10.970	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	4106810	9.881	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	779009	11.961	ppbv	98

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

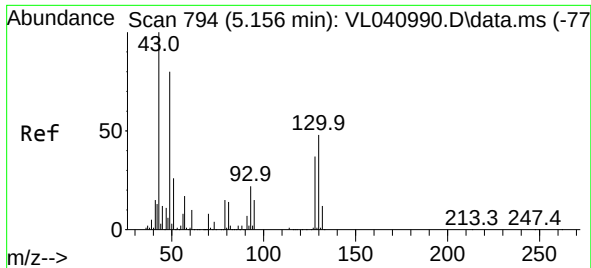
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 26 00:23:09 2024

Response via : Initial Calibration

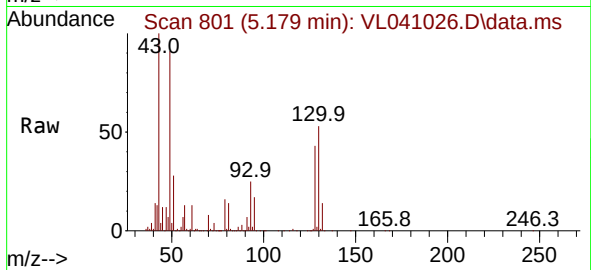
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	930508	11.456	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	1076908	10.267	ppbv	98
48) Dibromochloromethane	9.700	129	1888629	10.650	ppbv	99
49) Bromoform	12.394	173	1527404	10.981	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2643507	10.534	ppbv	100
51) 2-Hexanone	9.539	43	1936639	10.706	ppbv	99
52) Tetrachloroethene	10.603	164	857983	10.459	ppbv	98
53) Toluene	9.208	91	2845986	10.517	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1543398	10.865	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	1353440	9.938	ppbv	100
57) Chlorobenzene	11.513	112	2203607	9.651	ppbv	98
58) Ethyl Benzene	12.076	91	3868840	10.150	ppbv	97
59) m/p-Xylene	12.362	91	6589309m	19.828	ppbv	
60) o-Xylene	13.047	91	3170700	9.944	ppbv	99
61) Styrene	12.886	104	1649862	11.269	ppbv	99
62) Isopropylbenzene	14.015	105	4578241	9.709	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2361618	9.530	ppbv	99
64) n-propylbenzene	14.905	120	1192179	10.007	ppbv	97
65) tert-Butylbenzene	16.079	119	4043221	9.814	ppbv	100
66) Benzyl Chloride	16.320	91	320455m	11.870	ppbv	
67) sec-Butylbenzene	16.622	105	5699088	9.500	ppbv	100
69) p-Isopropyltoluene	16.982	119	4585157	9.867	ppbv	100
70) n-Butylbenzene	17.873	91	4904674	9.768	ppbv	100
71) 2-Chlorotoluene	14.789	91	3573998	9.823	ppbv	100
72) 4-Ethyltoluene	15.182	105	3650263	10.250	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3138381	9.930	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3475771	9.702	ppbv	91
75) 1,3-Dichlorobenzene	16.320	146	1984829	9.734	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1944220	9.663	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1916496	9.457	ppbv	98
78) Hexachloro-1,3-Butadiene	22.616	225	1109418	8.489	ppbv	99
79) Naphthalene	21.371	128	2586206	12.654	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	613215	17.083	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1261513m	10.579	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

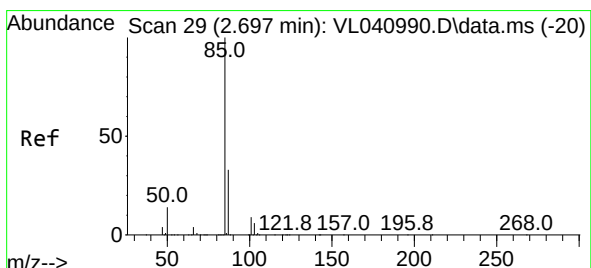
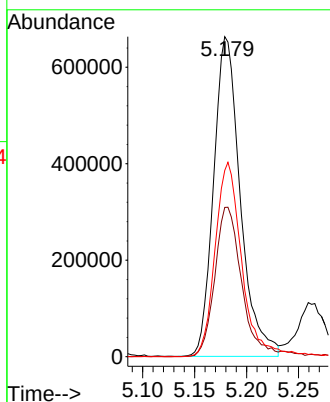
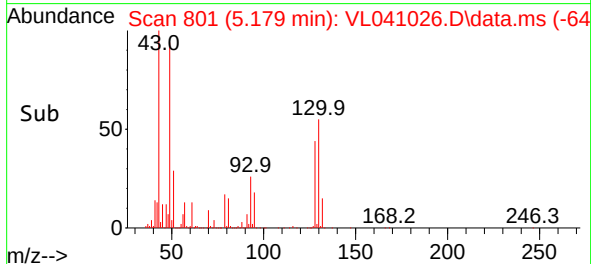
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



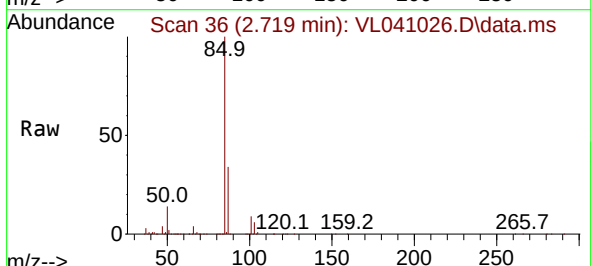
Tgt Ion: 49 Resp: 118435
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 61.7 31.1 93.5

Manual Integrations
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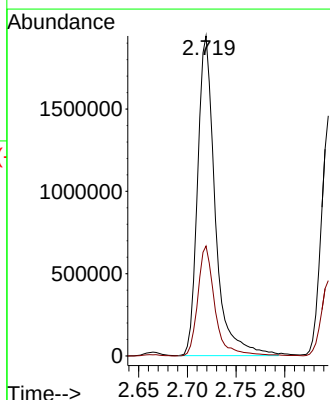
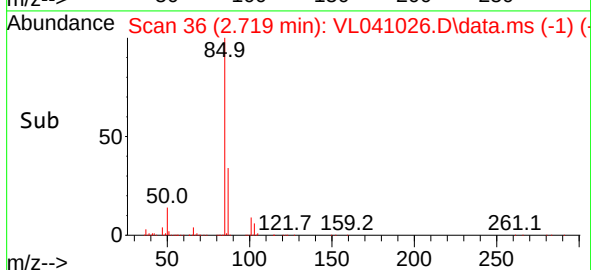
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

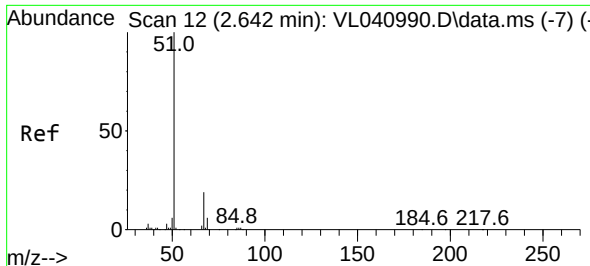


#2
Dichlorodifluoromethane
Concen: 9.340 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



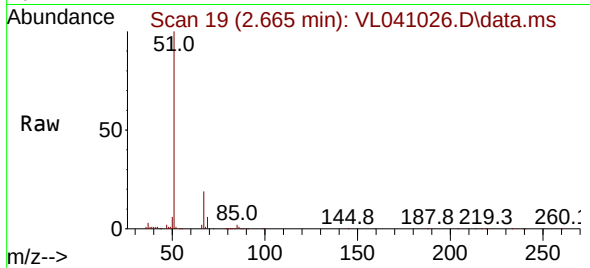
Tgt Ion: 85 Resp: 2443255
Ion Ratio Lower Upper
85 100
87 34.4 26.3 39.5





#3
Chlorodifluoromethane
Concen: 9.520 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

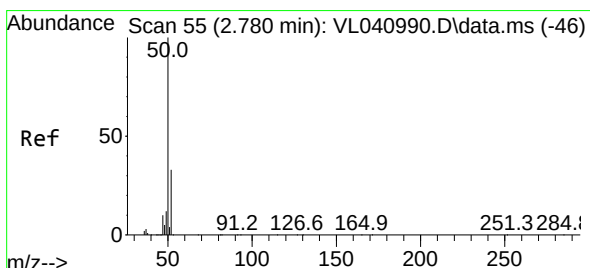
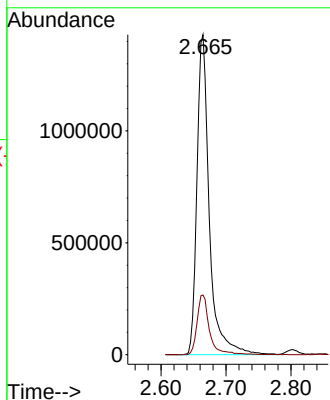
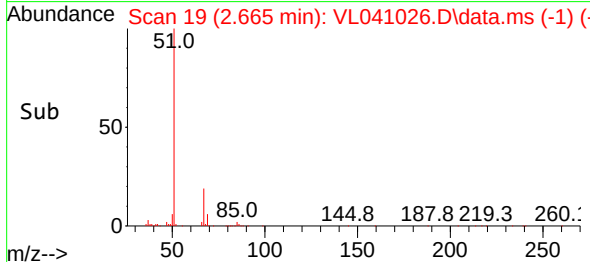
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



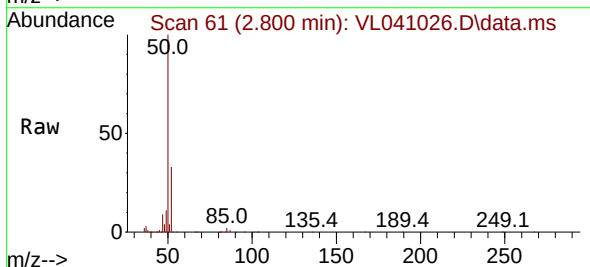
Tgt Ion: 51 Resp: 1896304
Ion Ratio Lower Upper
51 100
67 18.8 14.8 22.2

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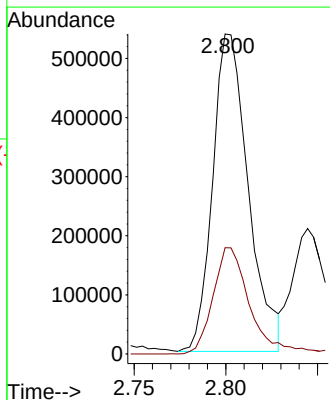
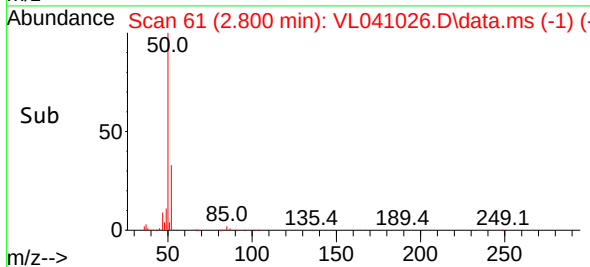
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

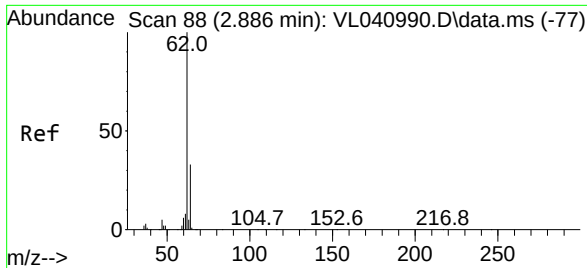


#4
Chloromethane
Concen: 9.704 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 50 Resp: 724572
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4





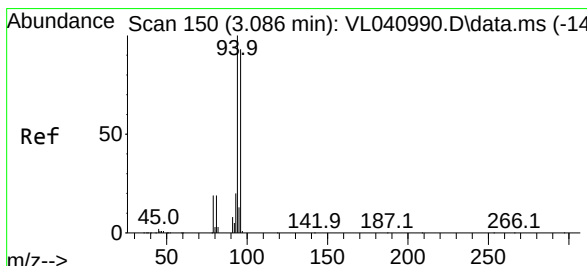
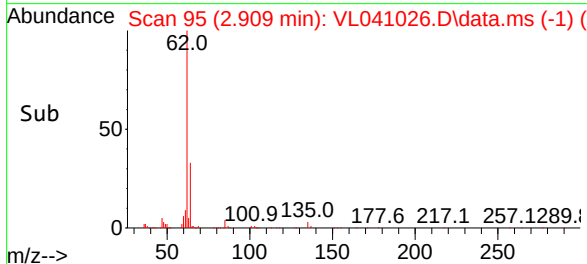
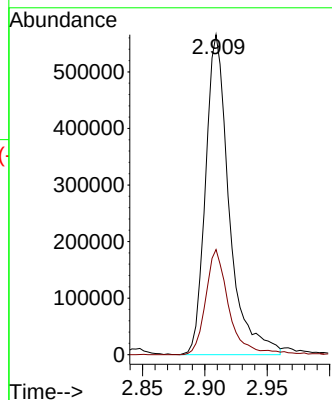
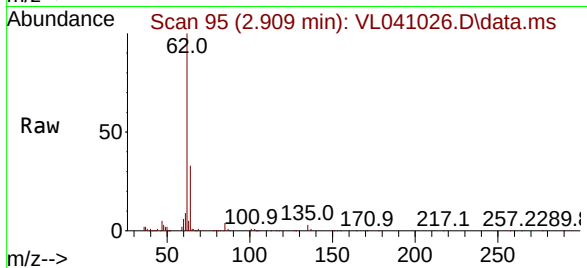
#5
 Vinyl Chloride
 Concen: 10.200 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01

Tgt Ion: 62 Resp: 746710
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.6 40.0

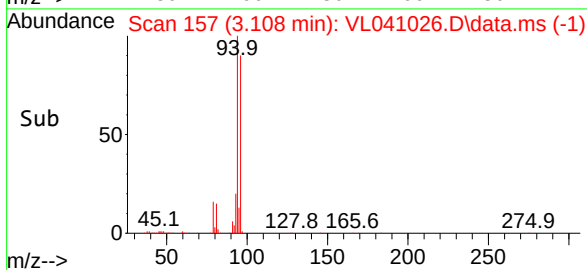
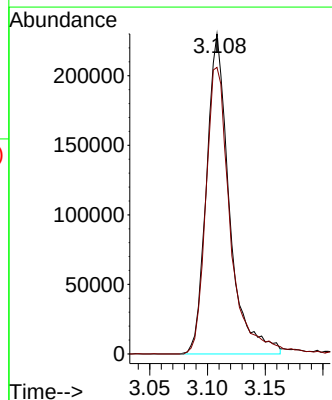
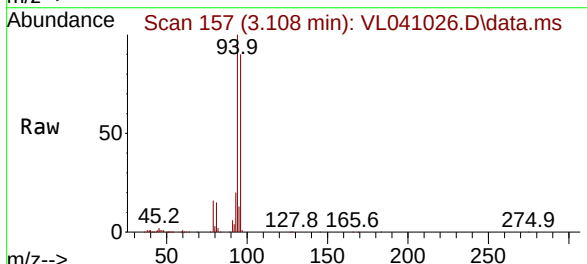
Manual Integrations
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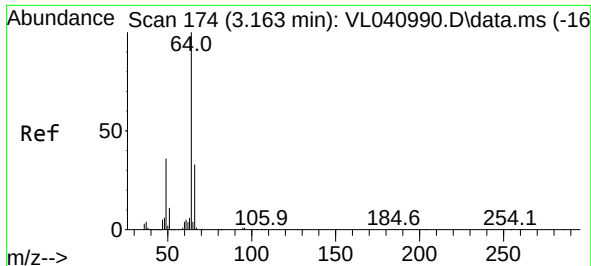
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#6
 Bromomethane
 Concen: 9.944 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

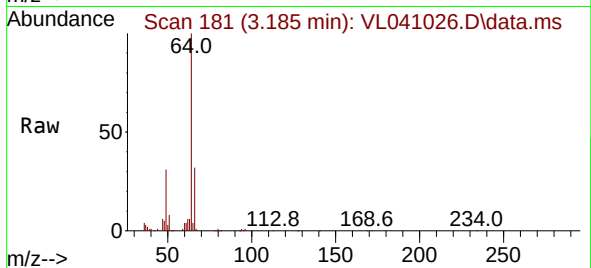
Tgt Ion: 94 Resp: 316970
 Ion Ratio Lower Upper
 94 100
 96 89.6 74.2 111.4





#7
Chloroethane
Concen: 10.053 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

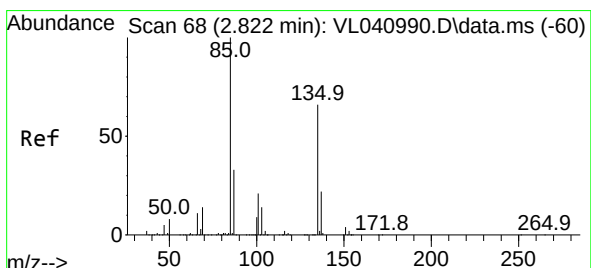
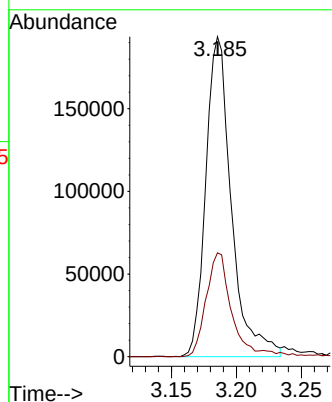
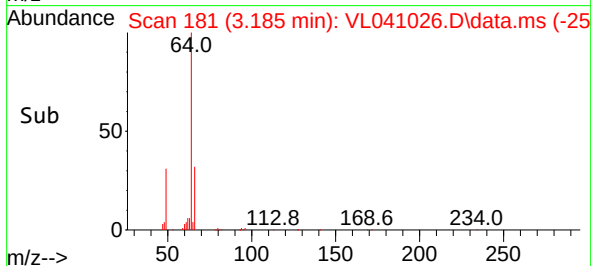
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 64 Resp: 26500
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0

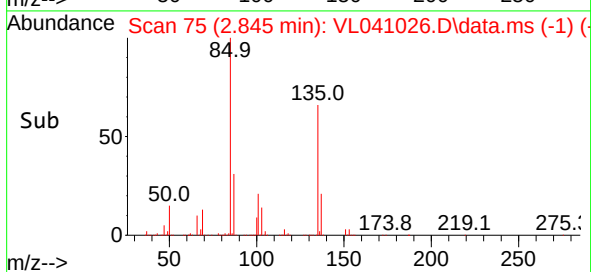
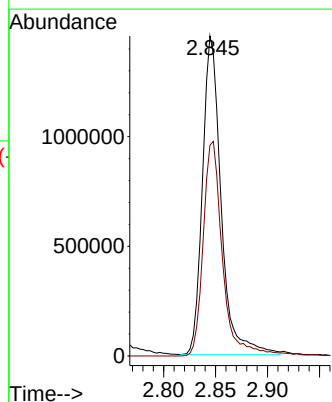
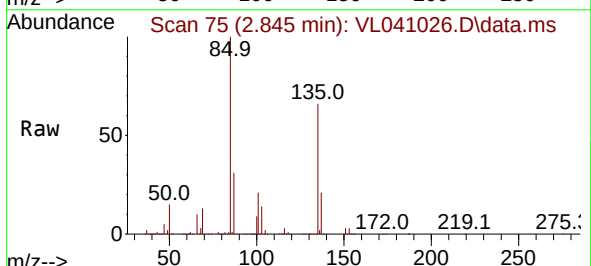
Manual Integrations
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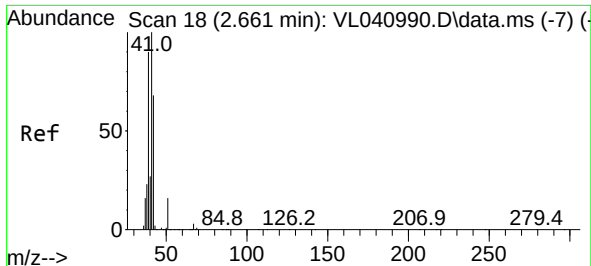
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#8
Dichlorotetrafluoroethane
Concen: 9.299 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

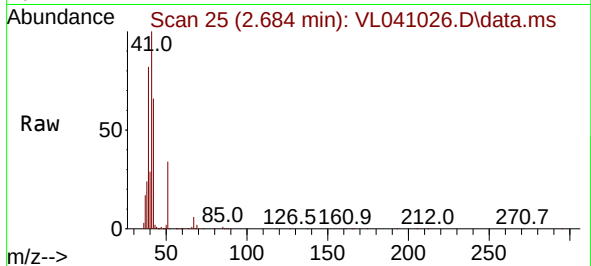
Tgt Ion: 85 Resp: 1817144
Ion Ratio Lower Upper
85 100
135 70.4 55.0 82.6





#9
 Propene
 Concen: 10.191 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

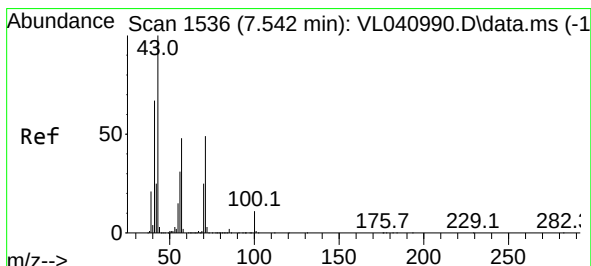
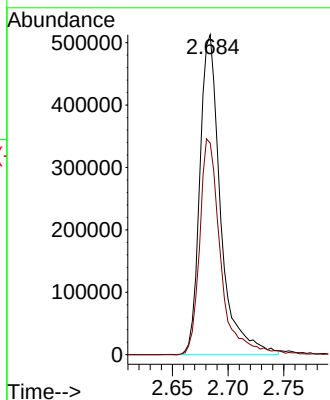
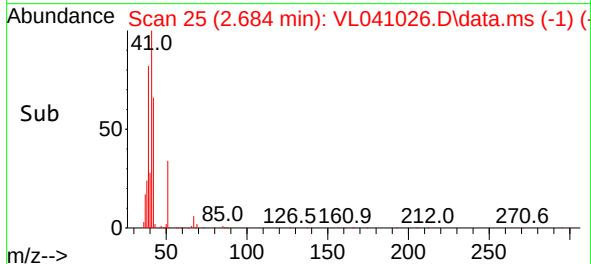
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01



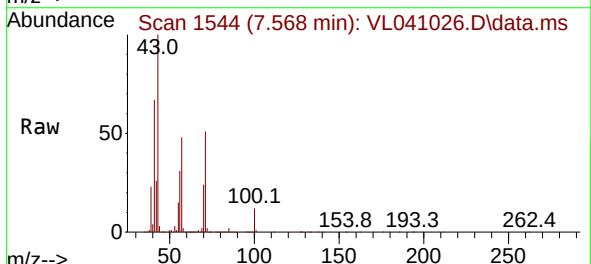
Tgt Ion: 41 Resp: 665884
 Ion Ratio Lower Upper
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 42 68.6 59.0 88.4

Manual Integrations
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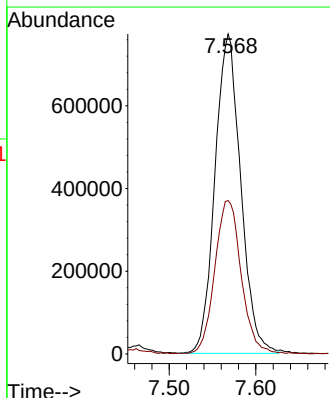
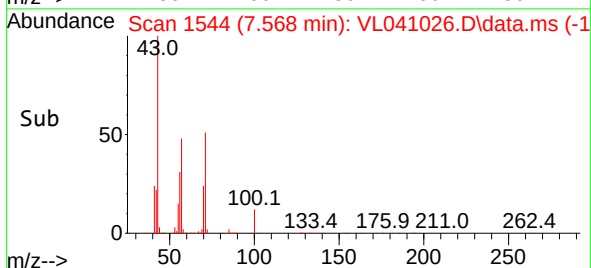
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 Supervised By :Mahesh Dadoda 01/26/2024

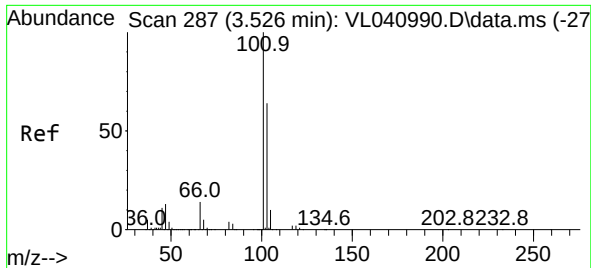


#10
 Heptane
 Concen: 9.911 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14



Tgt Ion: 43 Resp: 1593786
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.4 59.2





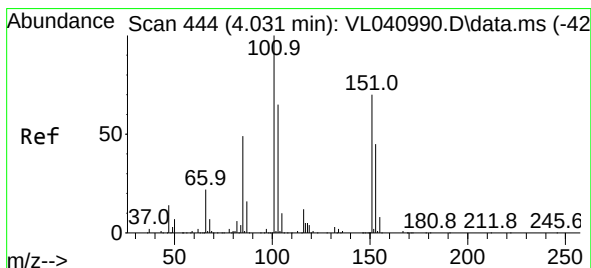
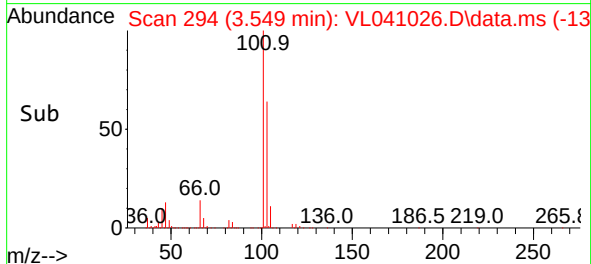
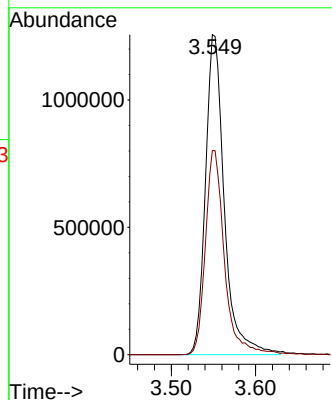
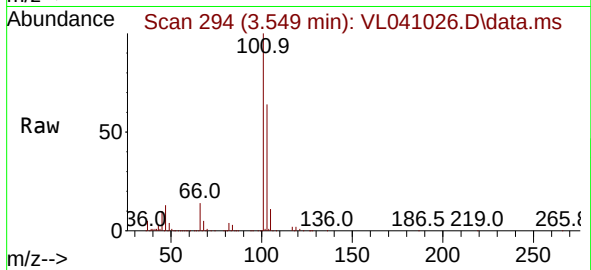
#11
 Trichlorofluoromethane
 Concen: 9.281 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01

Tgt Ion:101 Resp: 1956334
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

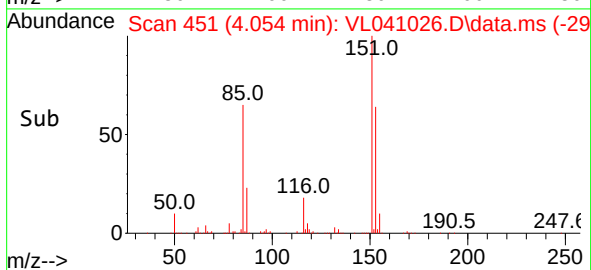
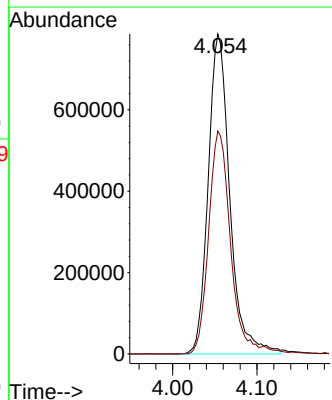
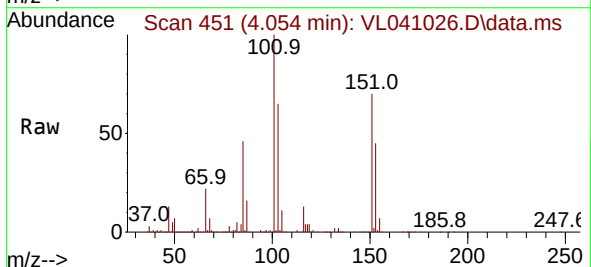
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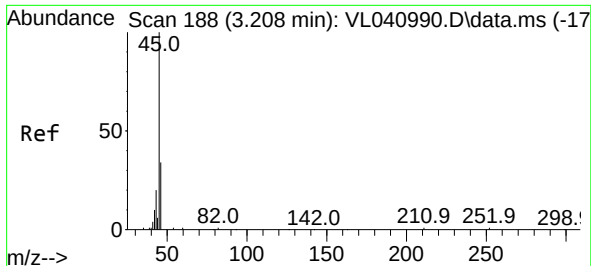
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.177 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

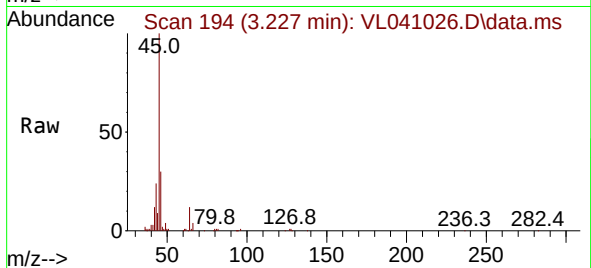
Tgt Ion:101 Resp: 1401950
 Ion Ratio Lower Upper
 101 100
 151 71.5 56.6 85.0





#13
Ethanol
Concen: 8.393 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

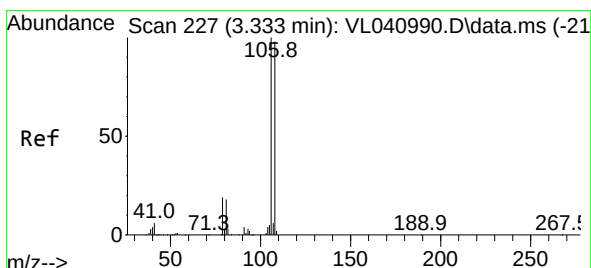
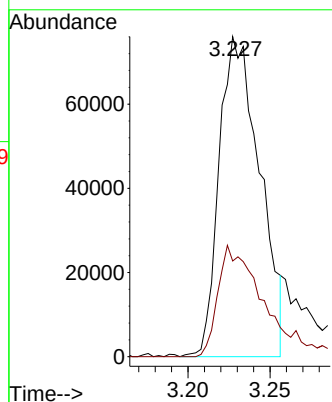
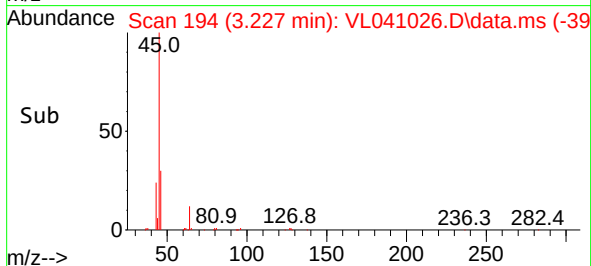
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



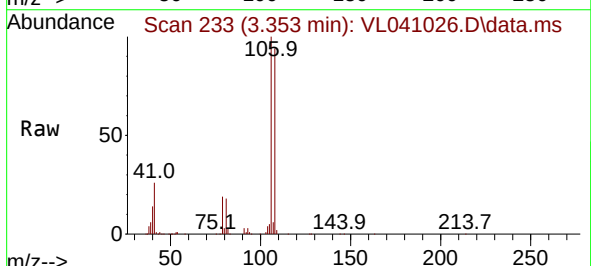
Tgt Ion: 45 Resp: 130708
Ion Ratio Lower Upper
45 100
46 42.3 16.2 64.8

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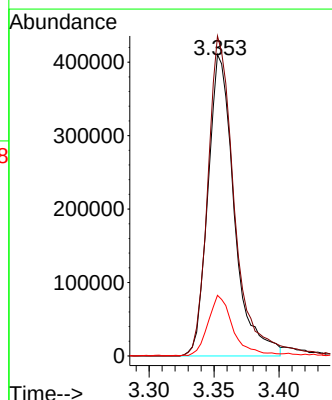
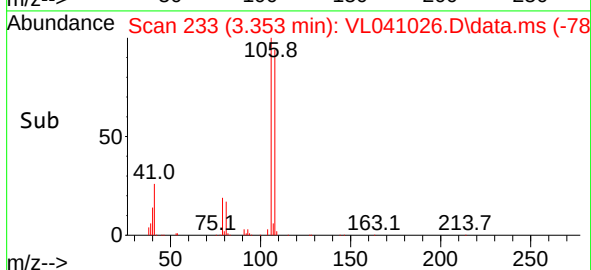
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

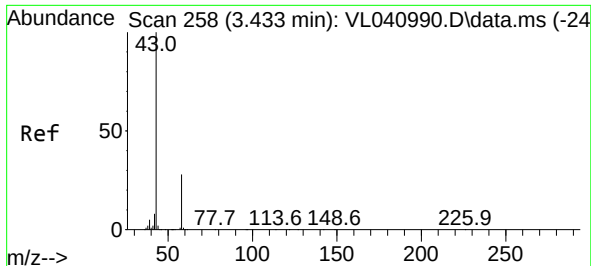


#14
Bromoethene
Concen: 9.846 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion:108 Resp: 577474
Ion Ratio Lower Upper
108 100
106 109.8 86.4 129.6
79 20.0 16.2 24.4





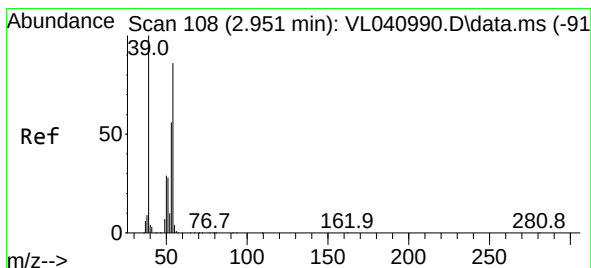
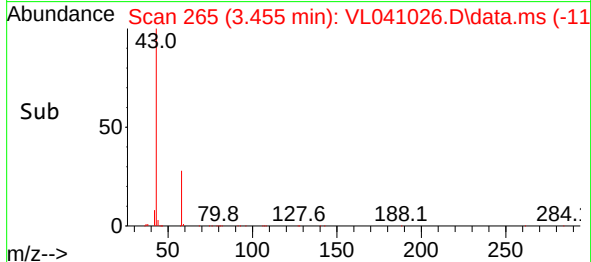
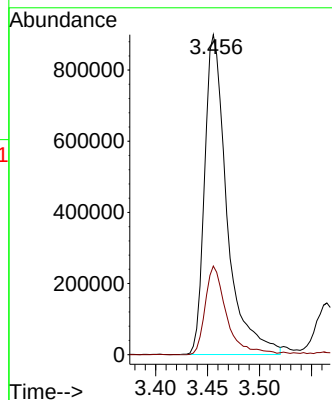
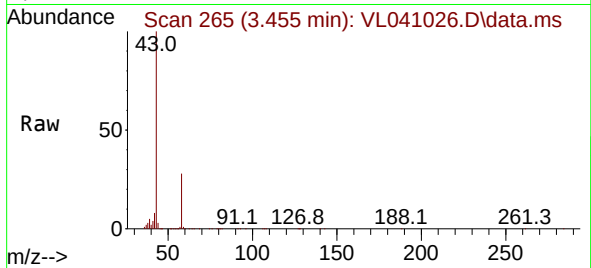
#15
Acetone
Concen: 8.876 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 43 Resp: 1344358
Ion Ratio Lower Upper
43 100
58 27.2 22.2 33.2

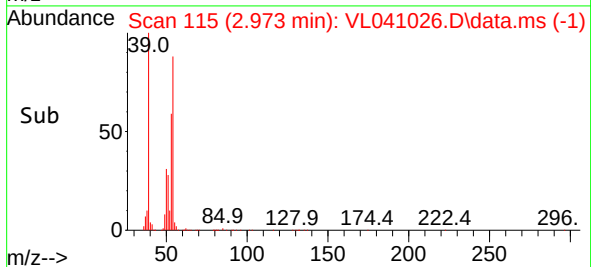
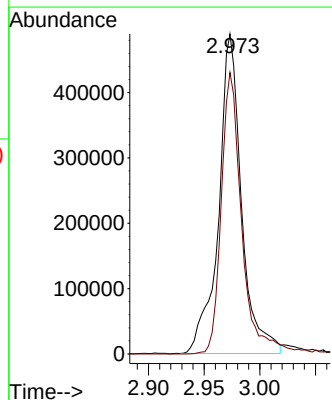
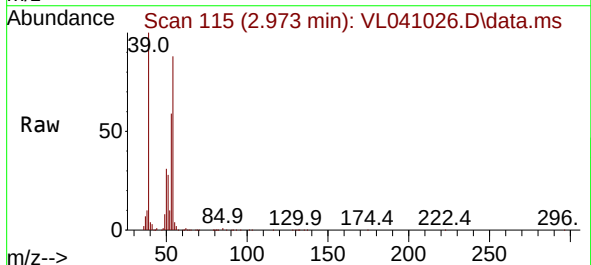
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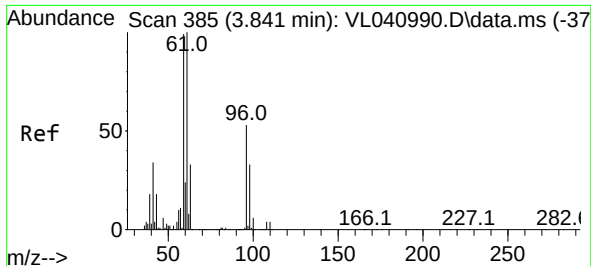
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#16
1,3-Butadiene
Concen: 9.664 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 39 Resp: 700214
Ion Ratio Lower Upper
39 100
54 80.1 62.7 94.1





#17

tert-Butyl alcohol

Concen: 10.404 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion: 59 Resp: 129246

Ion Ratio Lower Upper

59 100

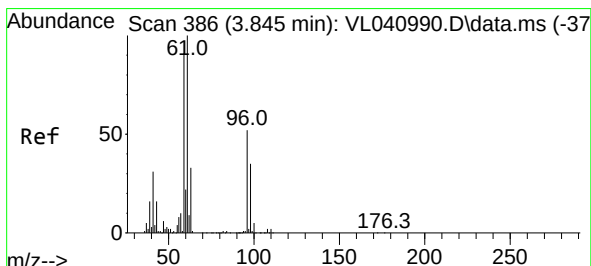
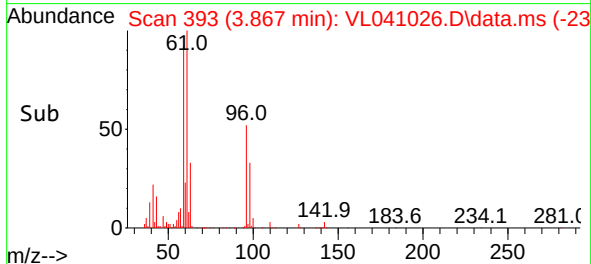
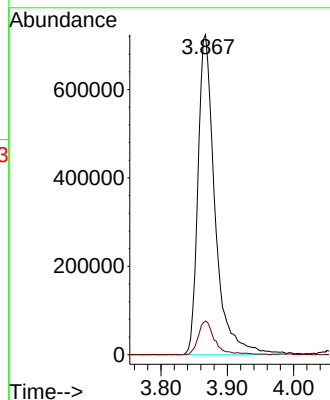
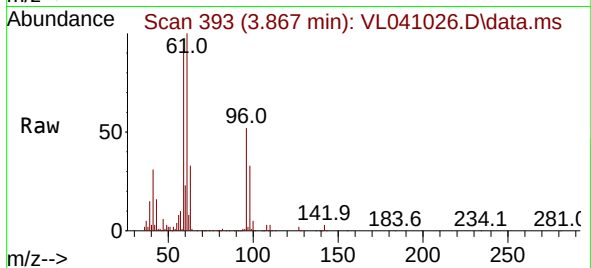
57 10.3 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#18

1,1-Dichloroethene

Concen: 9.452 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

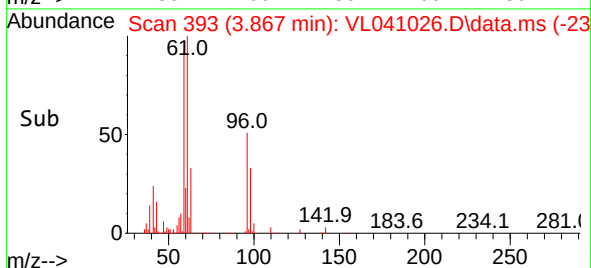
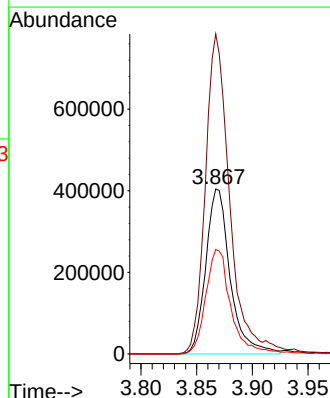
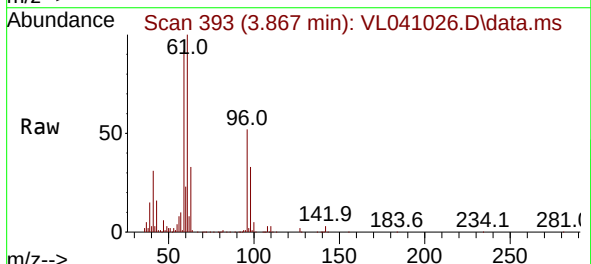
Tgt Ion: 96 Resp: 618206

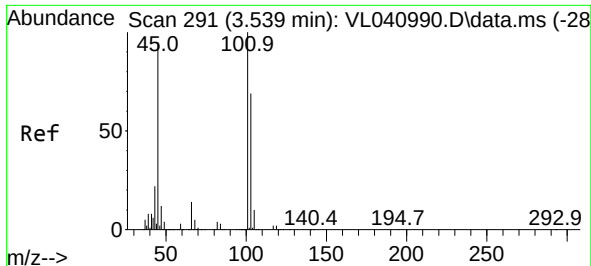
Ion Ratio Lower Upper

96 100

61 193.7 153.8 230.8

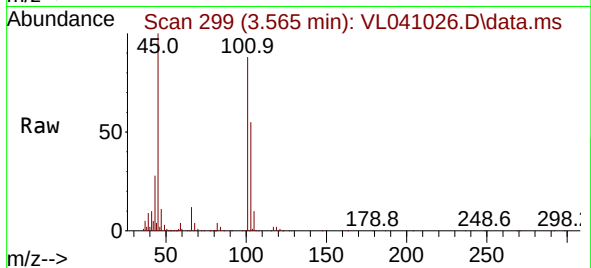
98 63.3 53.7 80.5





#19
Isopropyl Alcohol
Concen: 9.980 ppbv
RT: 3.565 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

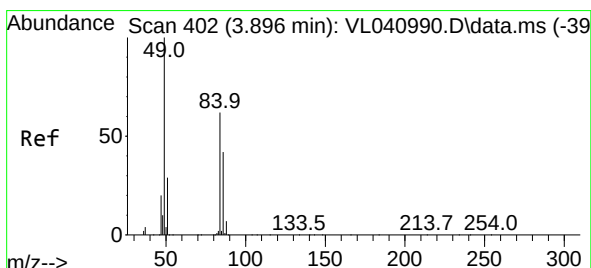
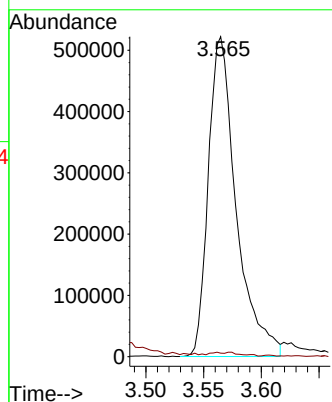
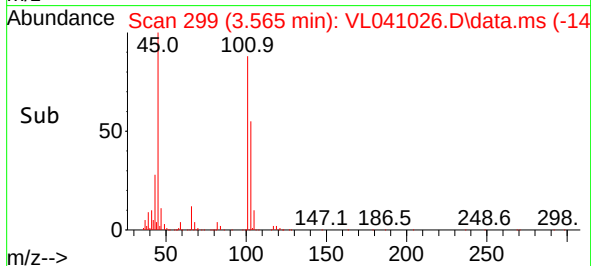
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



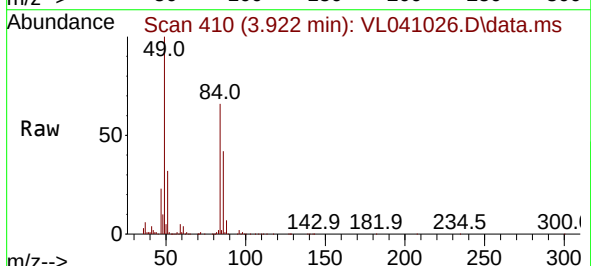
Tgt Ion: 45 Resp: 87497
Ion Ratio Lower Upper
45 100
58 1.6 2.2 3.4

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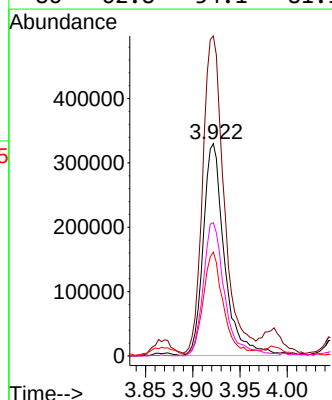
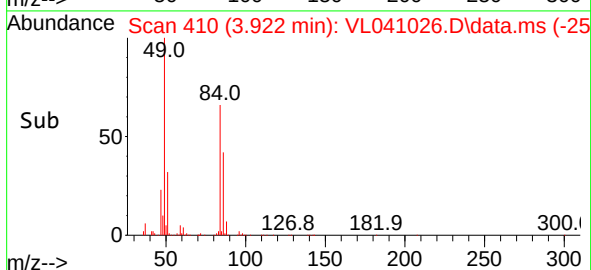
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

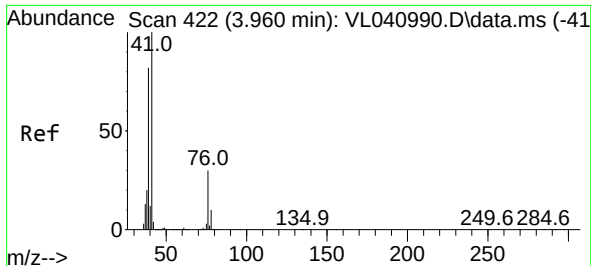


#20
Methylene Chloride
Concen: 8.819 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 84 Resp: 513964
Ion Ratio Lower Upper
84 100
49 149.2 128.1 192.1
51 47.7 36.5 54.7
86 62.8 54.1 81.1





#21

Allyl Chloride

Concen: 9.787 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion: 41 Resp: 900630

Ion Ratio Lower Upper

41 100

76 31.3 25.0 37.4

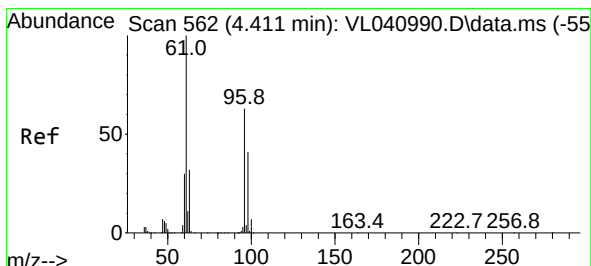
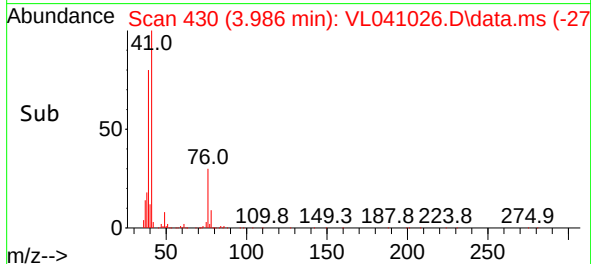
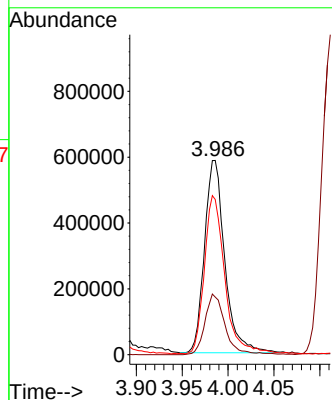
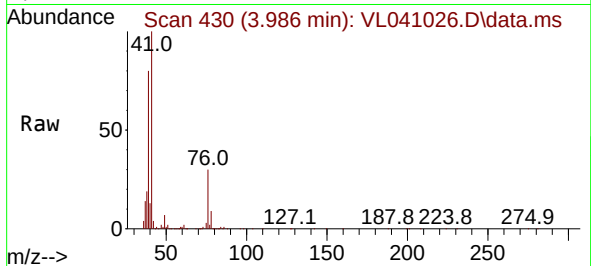
39 83.2 67.0 100.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#22

trans-1,2-Dichloroethene

Concen: 9.643 ppbv

RT: 4.433 min Scan# 569

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

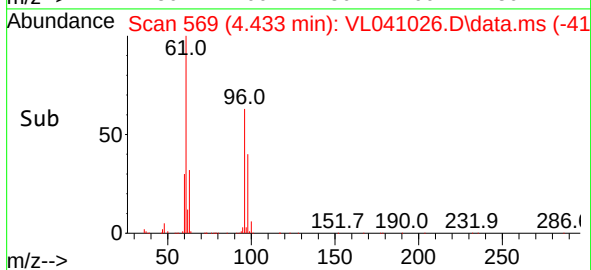
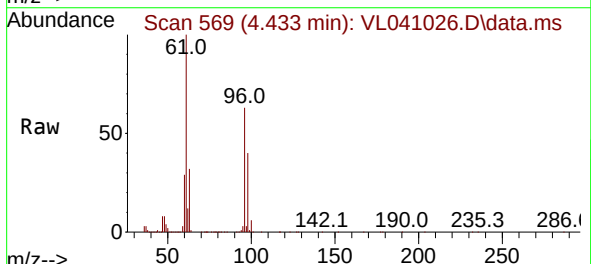
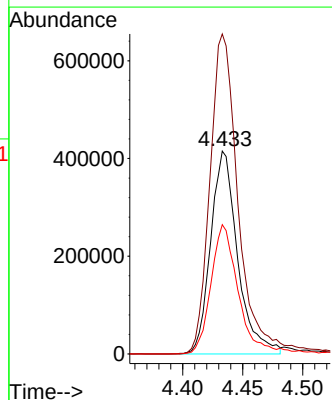
Tgt Ion: 96 Resp: 649409

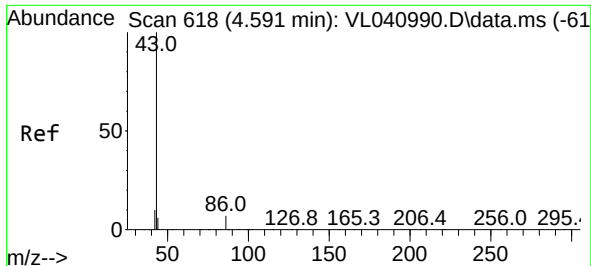
Ion Ratio Lower Upper

96 100

61 157.4 126.0 189.0

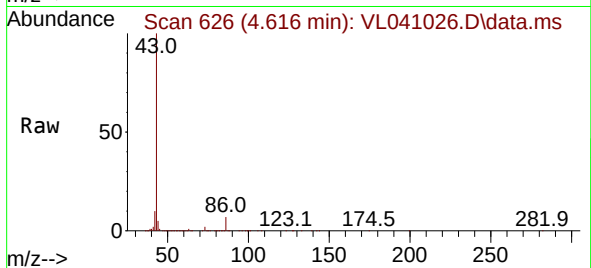
98 63.7 51.2 76.8





#23
 Vinyl Acetate
 Concen: 10.108 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

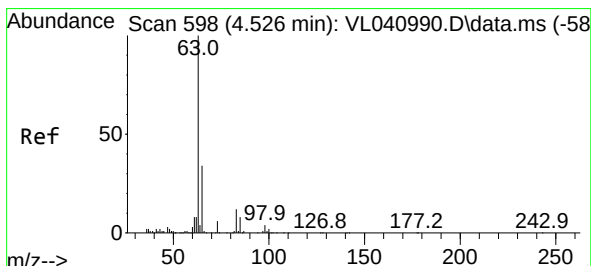
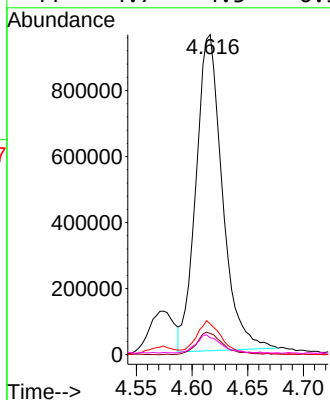
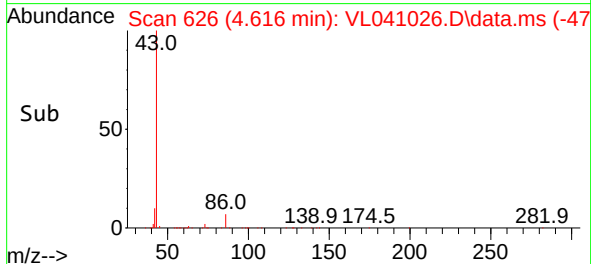
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01



Tgt Ion: 43 Resp: 157809
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.4 8.0
 42 9.6 8.6 13.0
 44 4.7 4.3 6.5

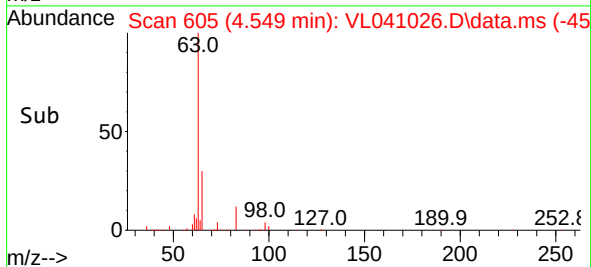
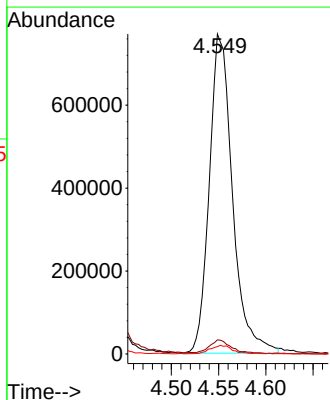
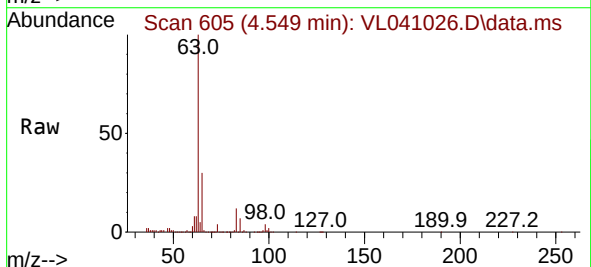
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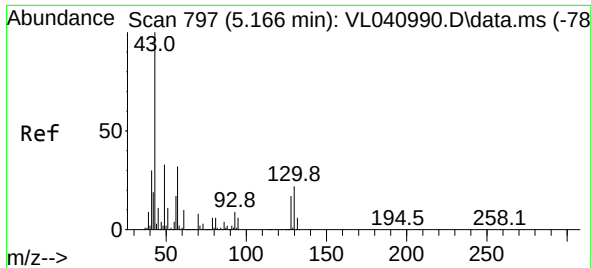
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#24
 1,1-Dichloroethane
 Concen: 9.483 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 63 Resp: 1313312
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.3
 100 2.2 1.3 3.9





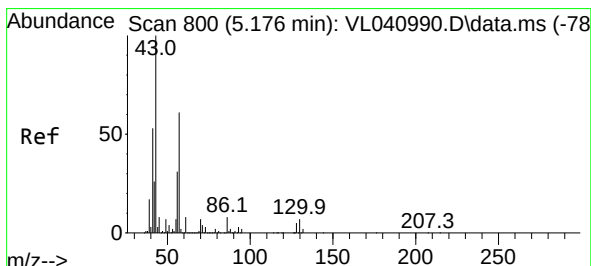
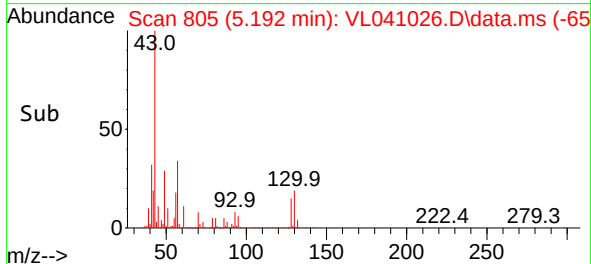
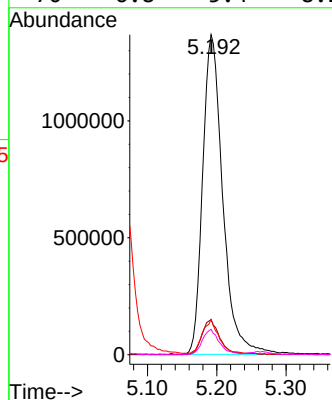
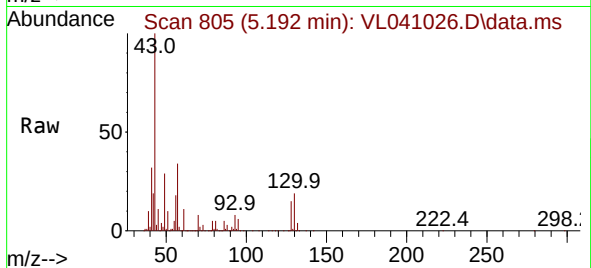
#25
Ethyl Acetate
Concen: 9.998 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 43 Resp: 2745630
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 9.6 7.9 11.9
70 6.8 5.4 8.2

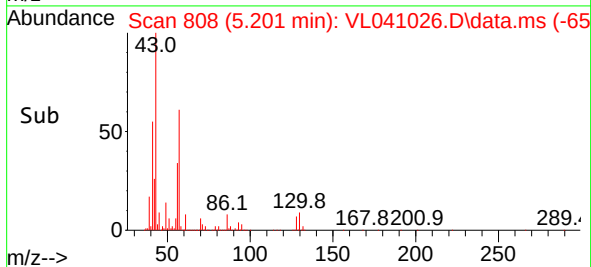
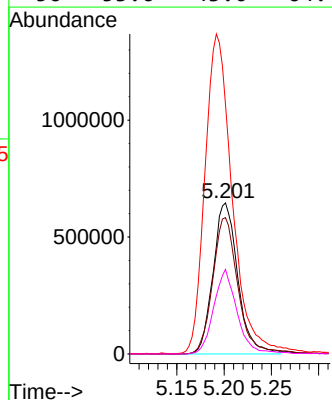
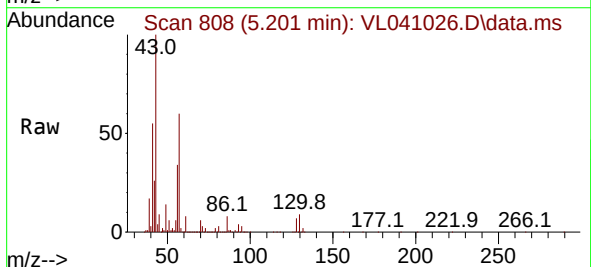
Manual Integrations
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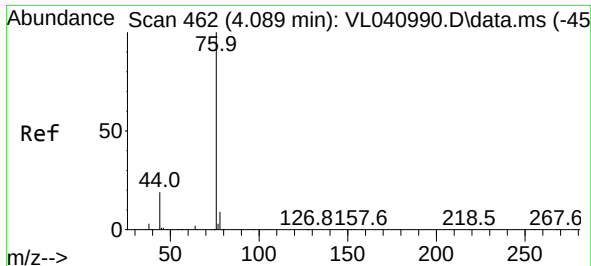
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#26
Hexane
Concen: 9.997 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

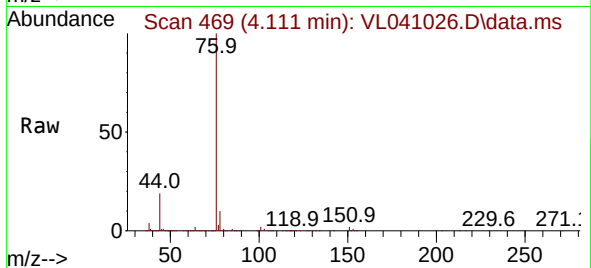
Tgt Ion: 57 Resp: 1170201
Ion Ratio Lower Upper
57 100
41 93.6 74.4 111.6
43 235.4 190.6 285.8
56 53.6 43.0 64.4





#27
Carbon Disulfide
Concen: 10.418 ppbv
RT: 4.111 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

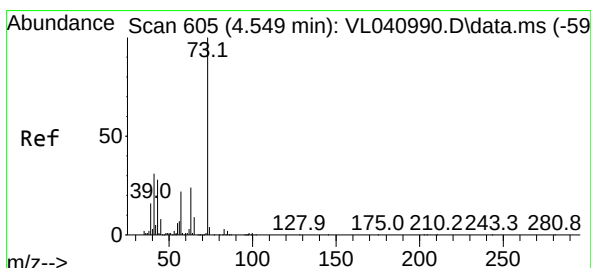
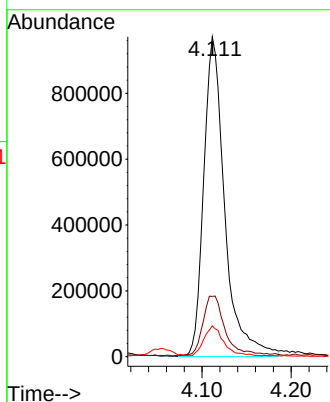
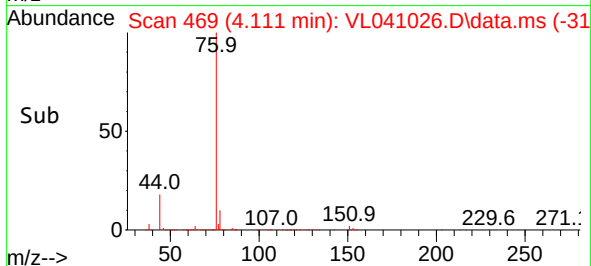
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 76 Resp: 158697
Ion Ratio Lower Upper
76 100
44 19.7 16.0 24.0
78 10.1 7.8 11.8

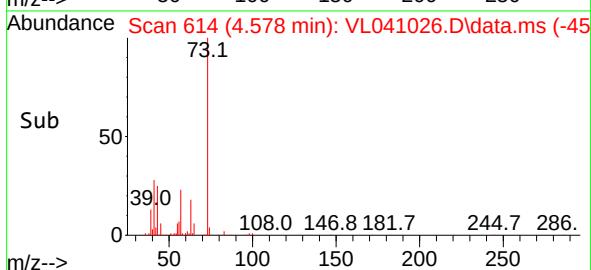
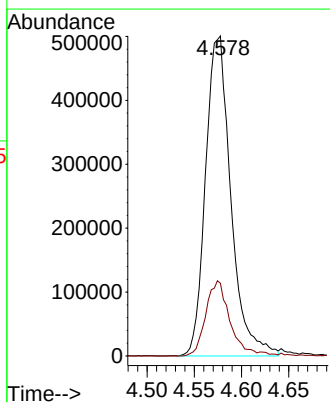
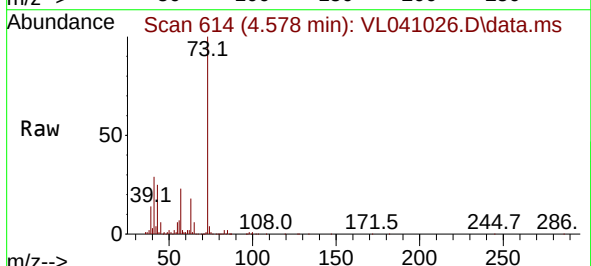
Manual Integrations
APPROVED

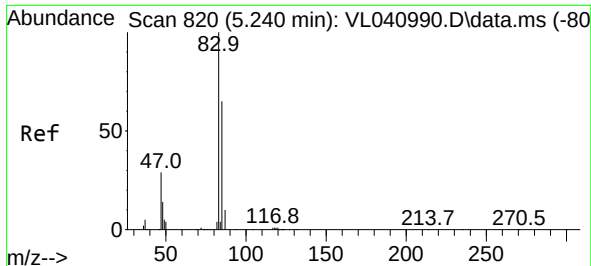
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#28
Methyl tert-Butyl Ether
Concen: 9.623 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.006 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 73 Resp: 934926
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0





#29

Chloroform

Concen: 9.513 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion: 83 Resp: 1975092

Ion Ratio Lower Upper

83 100

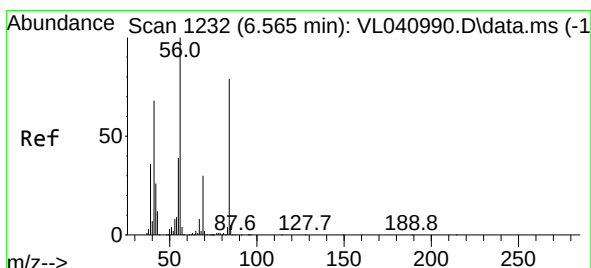
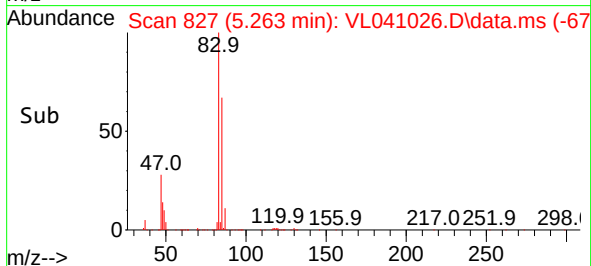
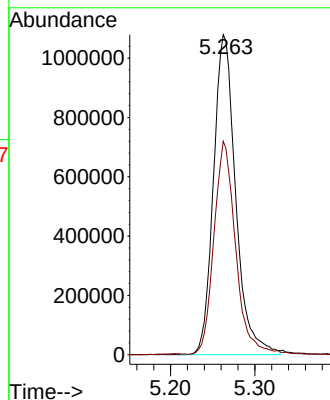
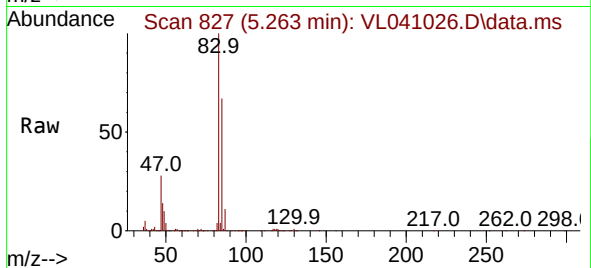
85 66.4 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#30

Cyclohexane

Concen: 9.909 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

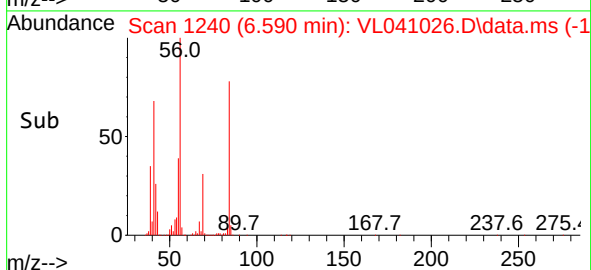
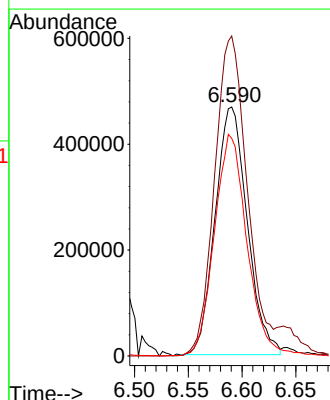
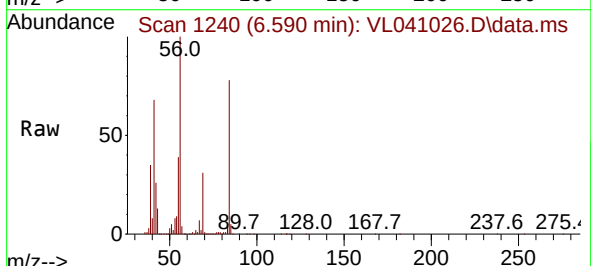
Tgt Ion: 84 Resp: 971888

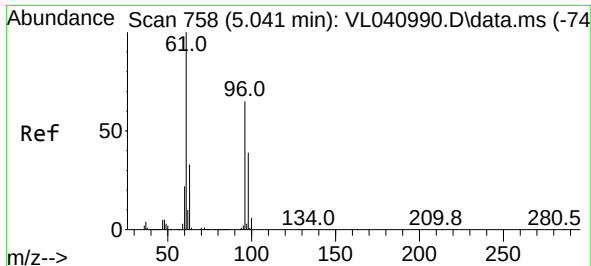
Ion Ratio Lower Upper

84 100

56 140.0 111.7 167.5

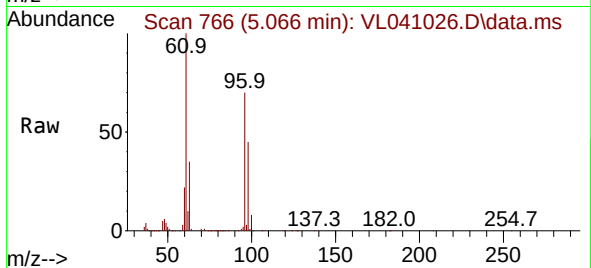
41 90.8 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 10.903 ppbv
RT: 5.066 min Scan# 70
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

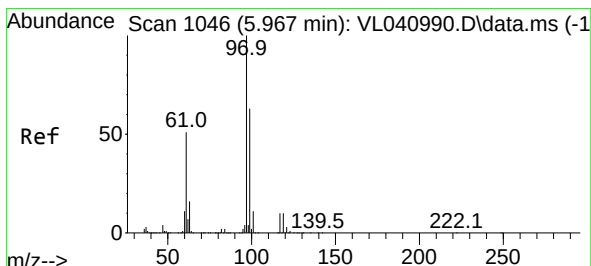
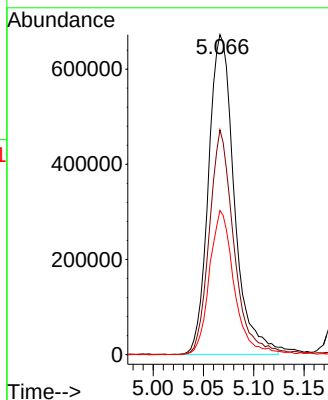
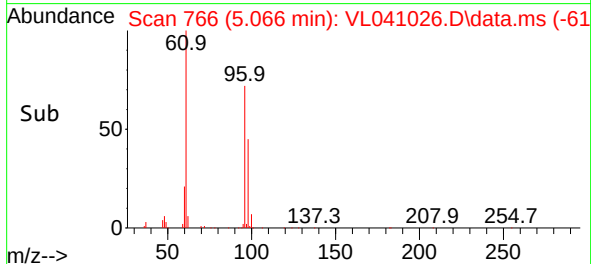
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



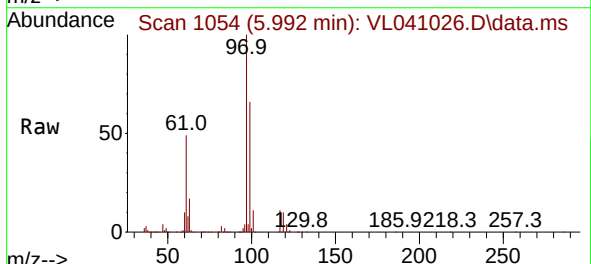
Tgt Ion: 61 Resp: 119788
Ion Ratio Lower Upper
61 100
96 70.3 51.9 77.9
98 45.0 31.5 47.3

Manual Integrations
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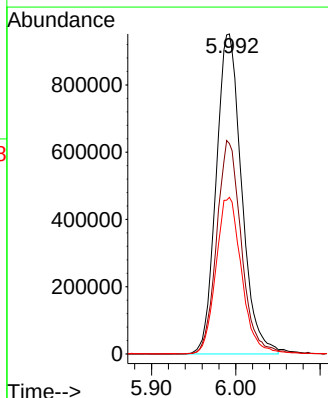
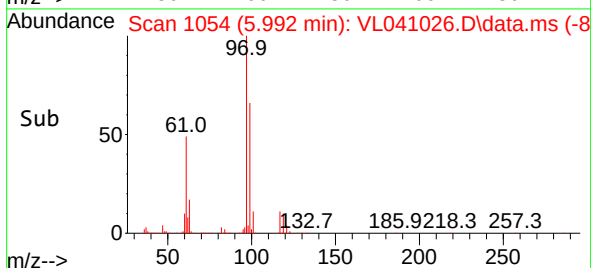
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

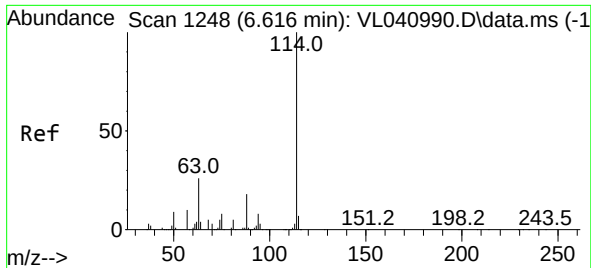


#32
1,1,1-Trichloroethane
Concen: 10.035 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 97 Resp: 1991293
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 49.8 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion:114 Resp: 2990972

Ion Ratio Lower Upper

114 100

63 25.6 20.8 31.2

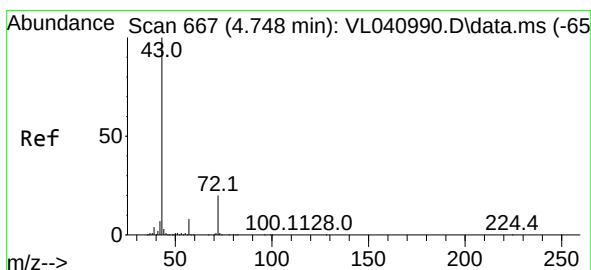
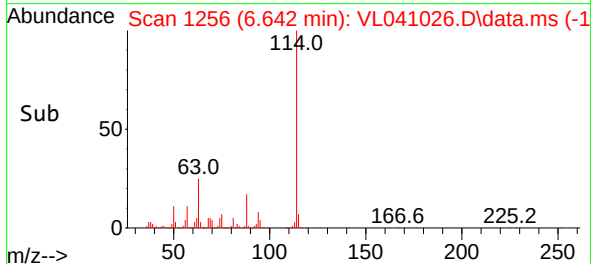
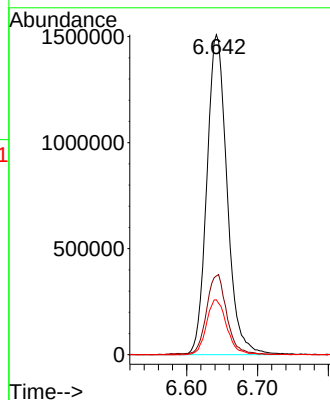
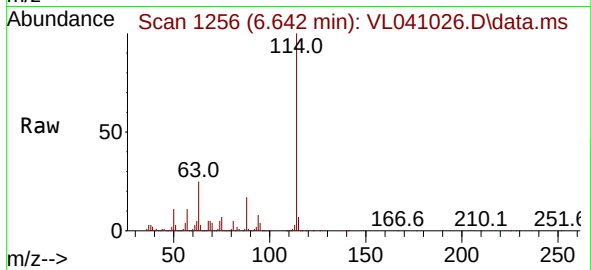
88 17.4 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#34

2-Butanone

Concen: 10.218 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.003 min

Lab File: VL041026.D

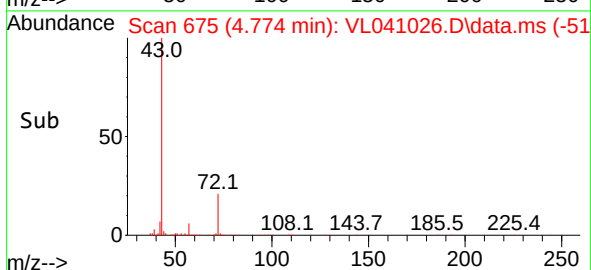
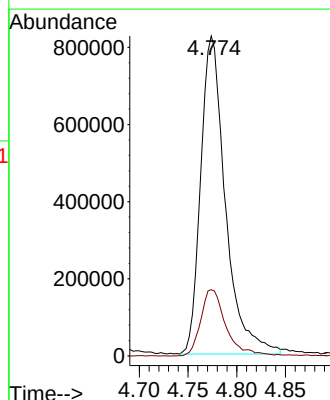
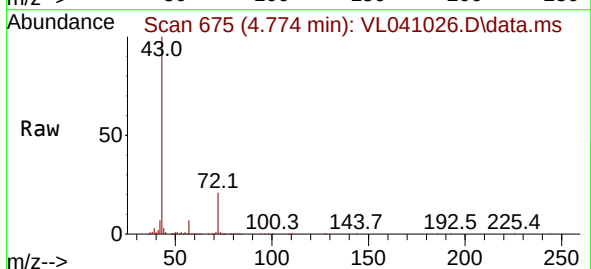
Acq: 25 Jan 2024 12:14

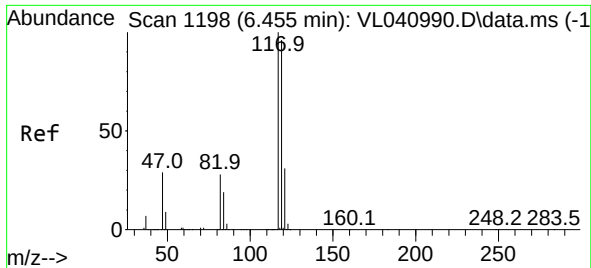
Tgt Ion: 43 Resp: 1455980

Ion Ratio Lower Upper

43 100

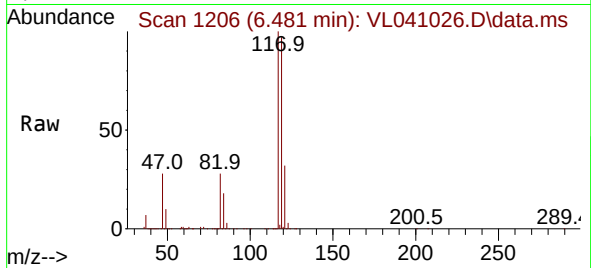
72 21.6 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.473 ppbv
RT: 6.481 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

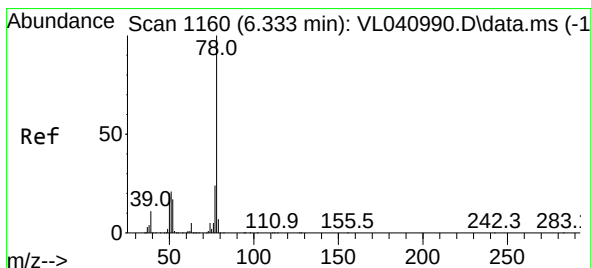
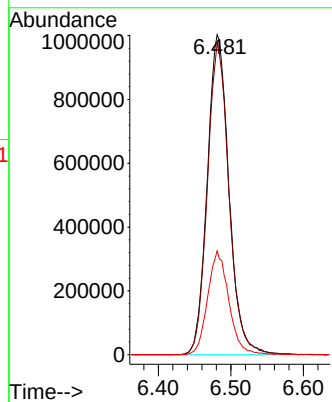
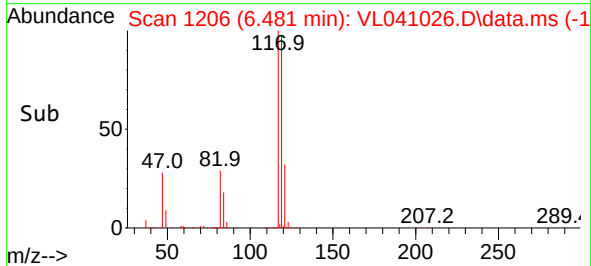
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



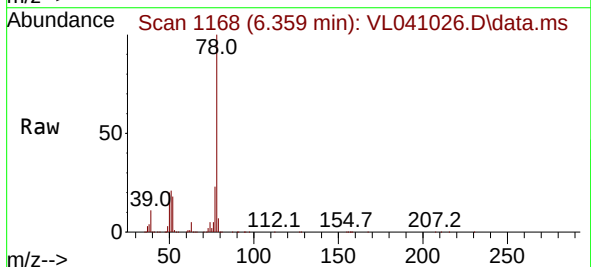
Tgt Ion:117 Resp: 208895
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
121 32.4 24.7 37.1

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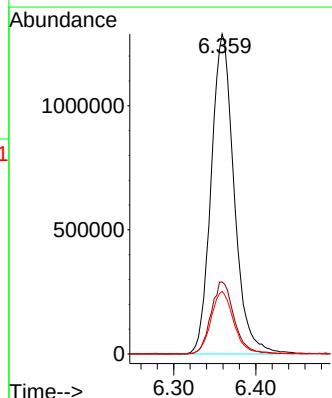
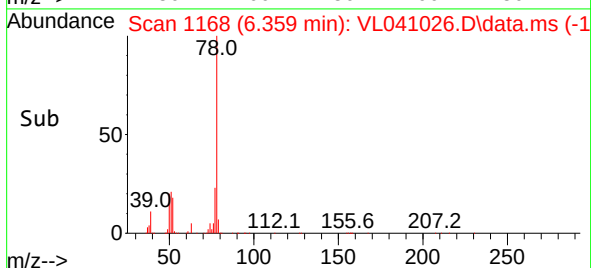
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

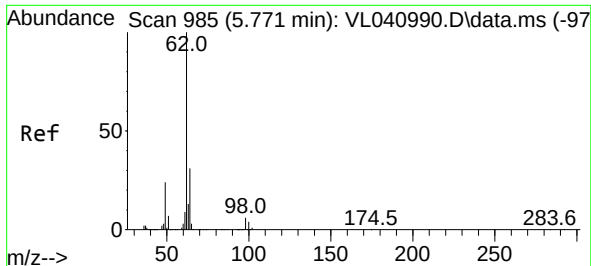


#36
Benzene
Concen: 10.138 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 78 Resp: 2504267
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4
50 19.6 15.8 23.6





#37

1,2-Dichloroethane

Concen: 10.070 ppbv

RT: 5.796 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion: 62 Resp: 151806

Ion Ratio Lower Upper

62 100

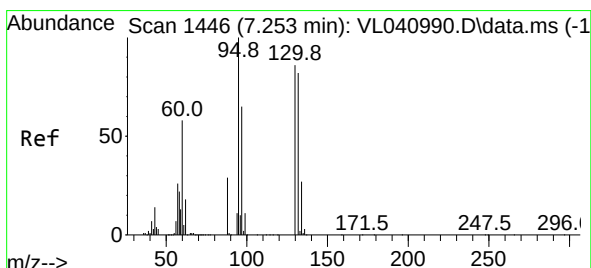
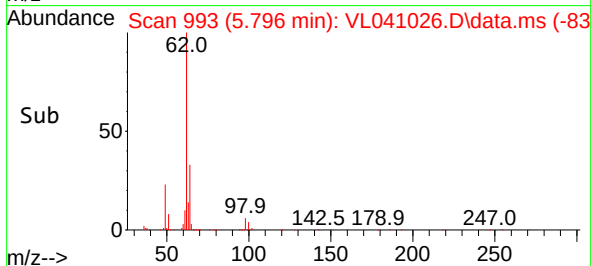
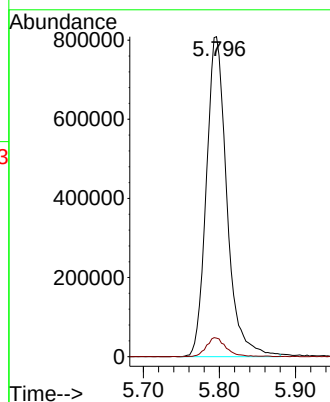
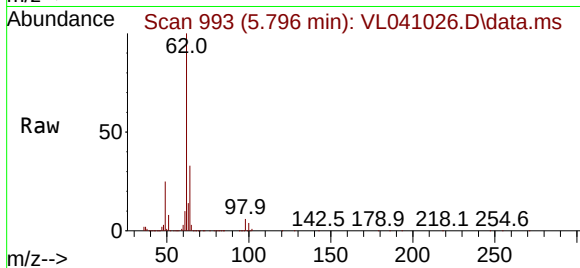
98 5.9 4.7 7.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#38

Trichloroethene

Concen: 9.794 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion:130 Resp: 969959

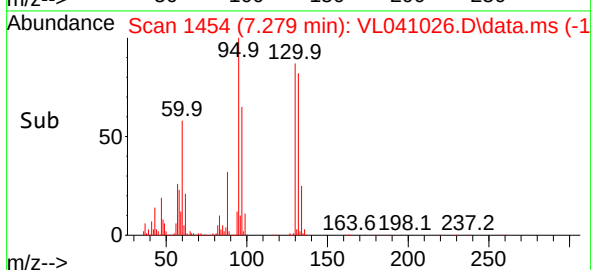
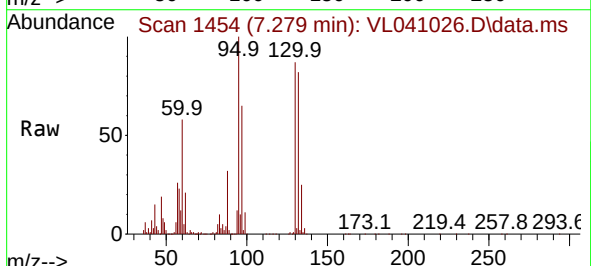
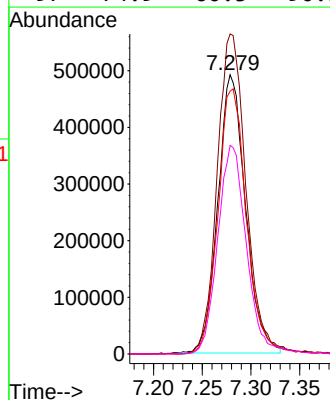
Ion Ratio Lower Upper

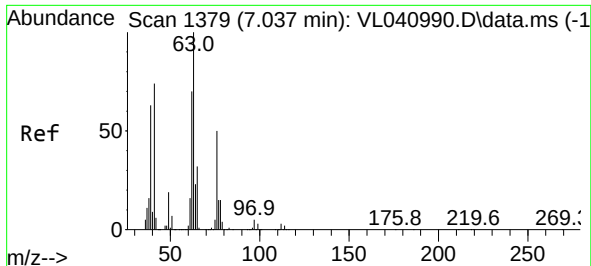
130 100

95 115.0 92.9 139.3

132 94.4 76.2 114.2

97 74.9 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.954 ppbv

RT: 7.060 min Scan# 1451

Delta R.T. -0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

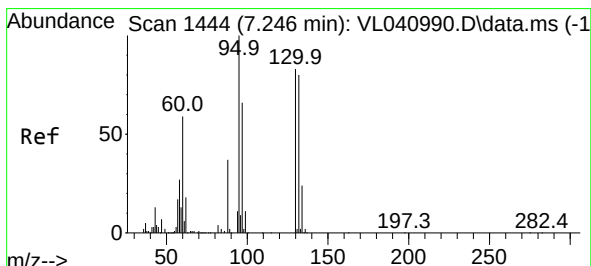
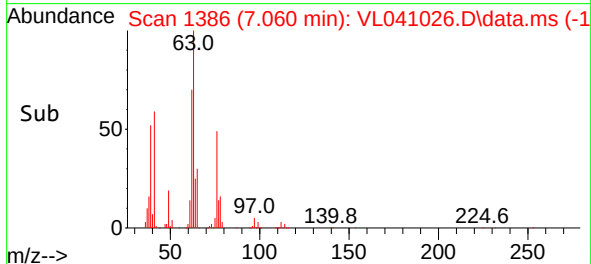
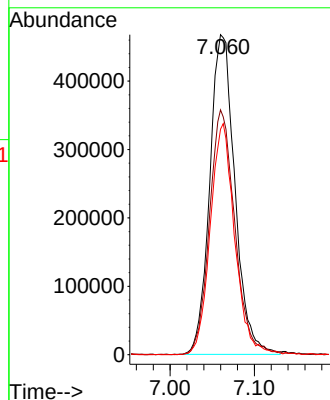
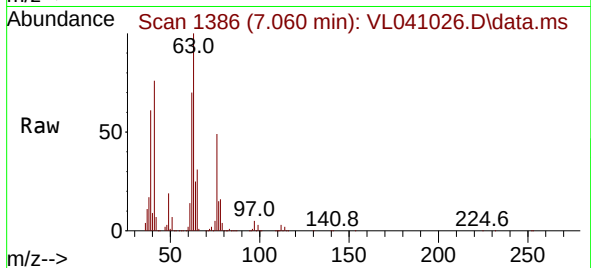
Tgt Ion: 63 Resp: 96868

Ion	Ratio	Lower	Upper
63	100		
41	76.4	59.6	89.4
62	70.4	55.6	83.4

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Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#40

1,4-Dioxane

Concen: 10.247 ppbv

RT: 7.272 min Scan# 1452

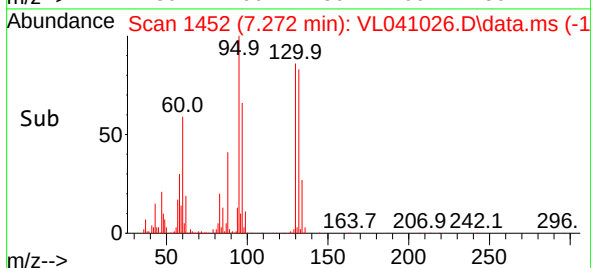
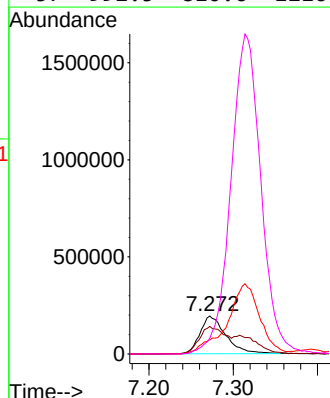
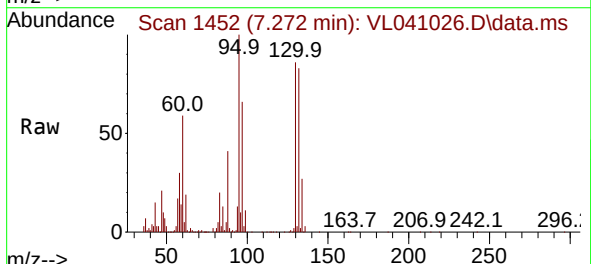
Delta R.T. 0.003 min

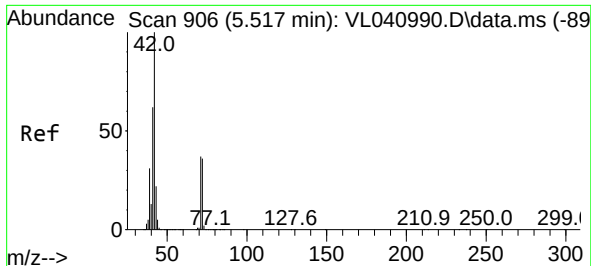
Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion: 88 Resp: 414156

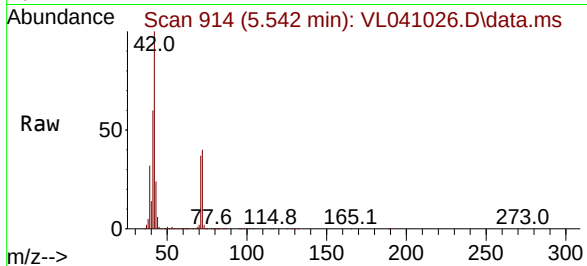
Ion	Ratio	Lower	Upper
88	100		
58	120.4	96.6	144.8
43	234.1	191.0	286.6
57	992.5	810.6	1216.0





#41
Tetrahydrofuran
Concen: 10.894 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

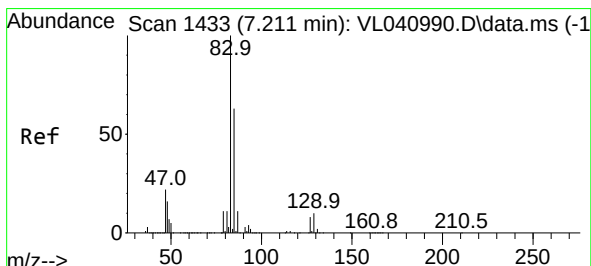
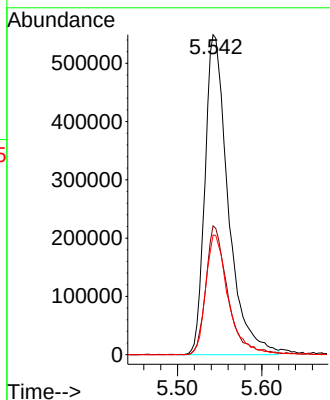
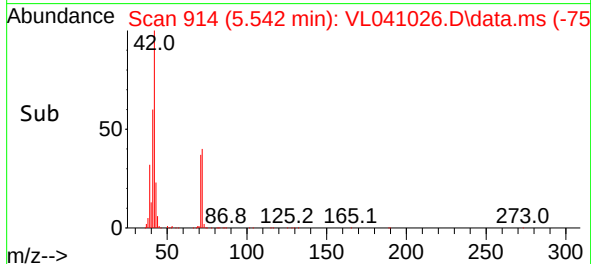
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 42 Resp: 1053960
Ion Ratio Lower Upper
42 100
72 38.3 30.0 45.0
71 36.8 29.5 44.3

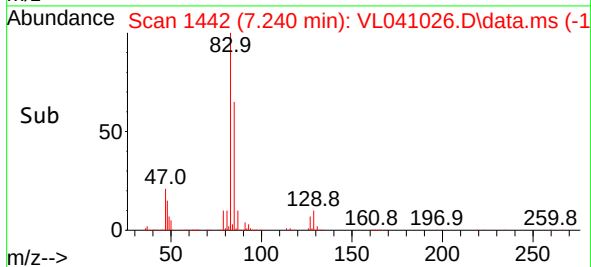
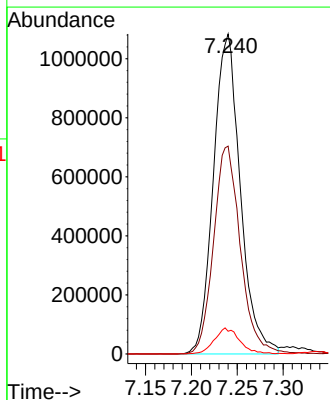
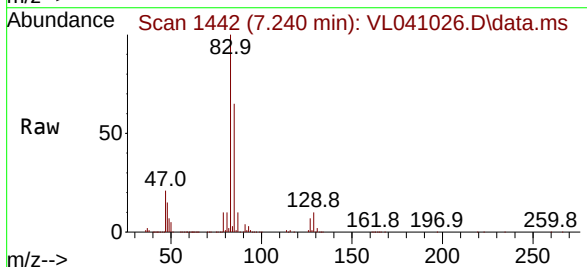
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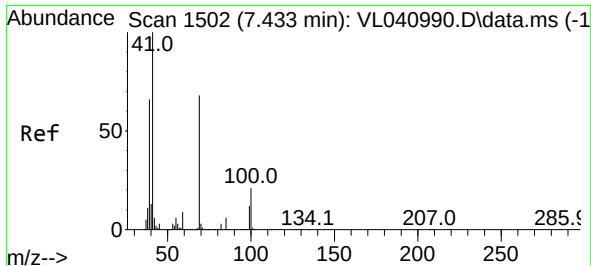
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#42
Bromodichloromethane
Concen: 10.259 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

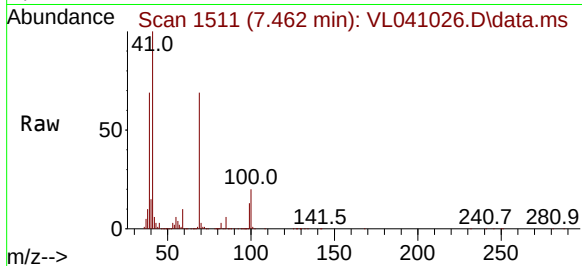
Tgt Ion: 83 Resp: 2212753
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 7.1 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.970 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

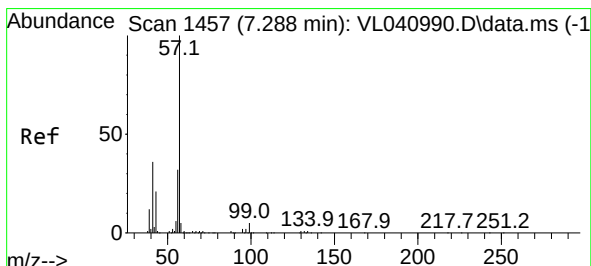
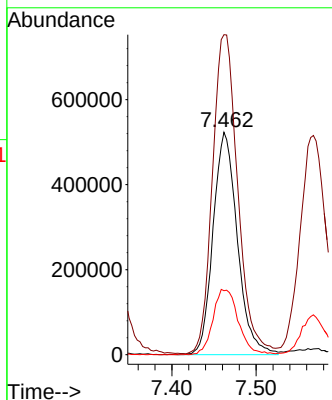
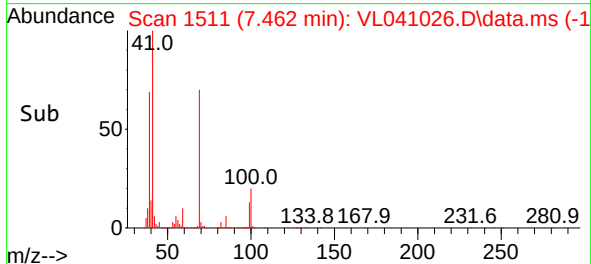
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 69 Resp: 1045708
Ion Ratio Lower Upper
69 100
41 149.6 120.2 180.2
100 30.6 24.6 36.8

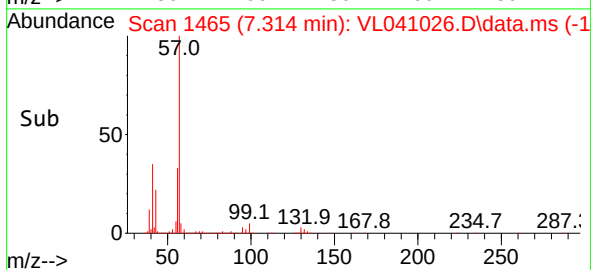
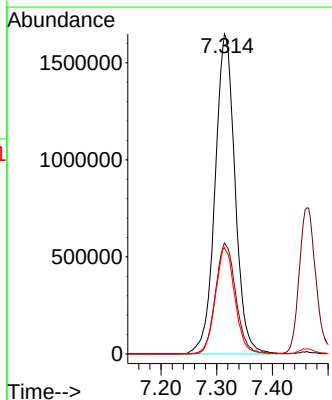
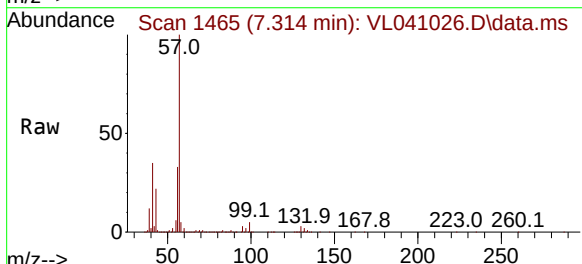
Manual Integrations
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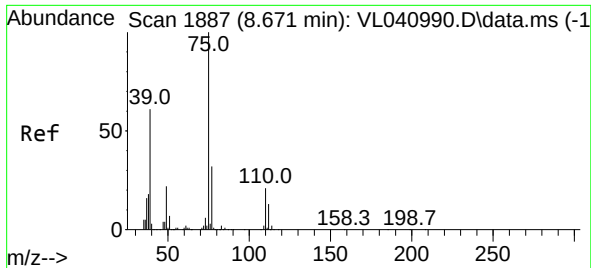
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#44
2,2,4-Trimethylpentane
Concen: 9.881 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 57 Resp: 4106810
Ion Ratio Lower Upper
57 100
41 35.4 28.6 43.0
56 32.3 25.2 37.8





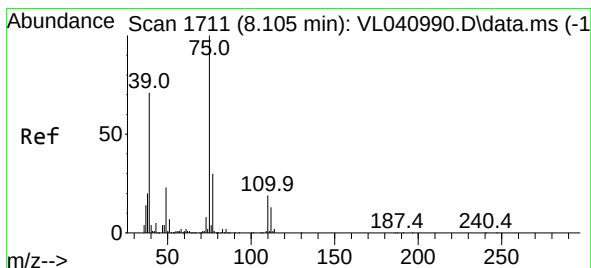
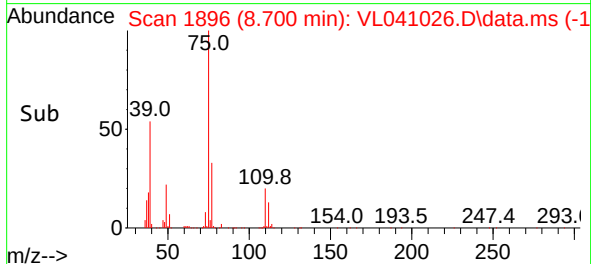
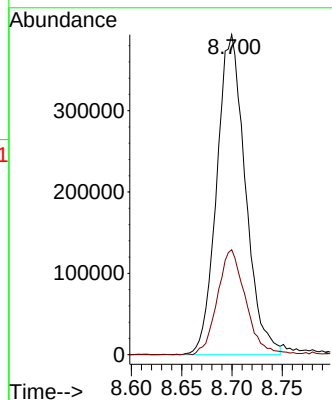
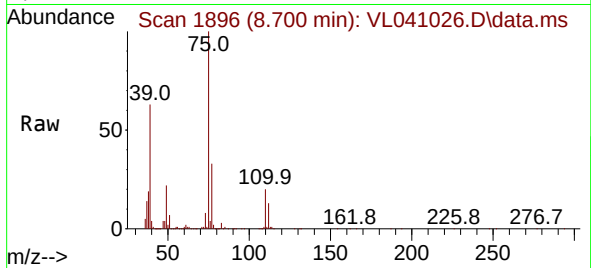
#45
t-1,3-Dichloropropene
Concen: 11.961 ppbv
RT: 8.700 min Scan# 1719
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 75 Resp: 779009
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

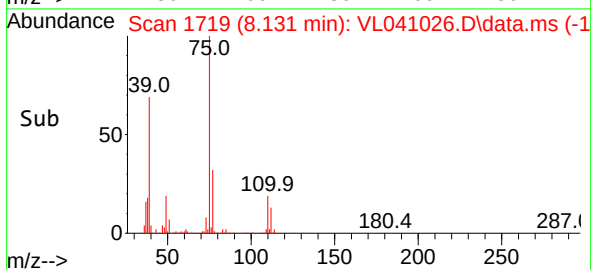
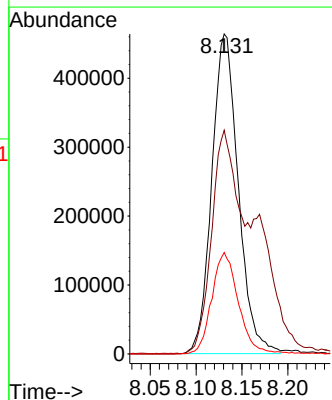
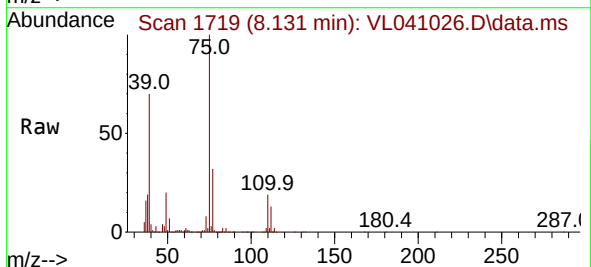
Manual Integrations
APPROVED

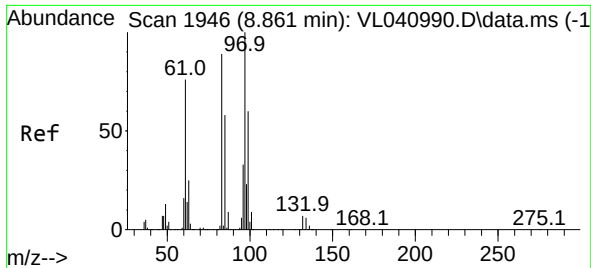
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#46
cis-1,3-Dichloropropene
Concen: 11.456 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

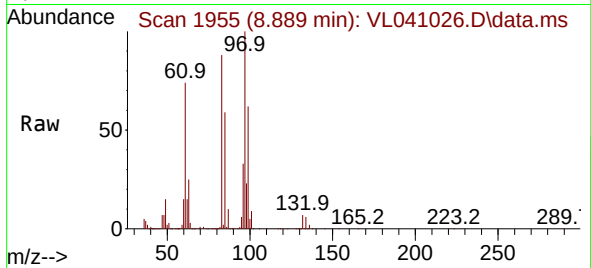
Tgt Ion: 75 Resp: 930508
Ion Ratio Lower Upper
75 100
39 69.8 57.3 85.9
77 31.8 24.3 36.5





#47
1,1,2-Trichloroethane
Concen: 10.267 ppbv
RT: 8.889 min Scan# 1946
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

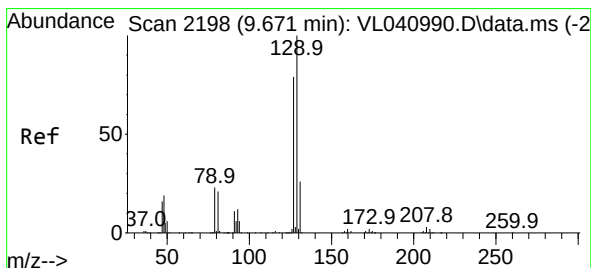
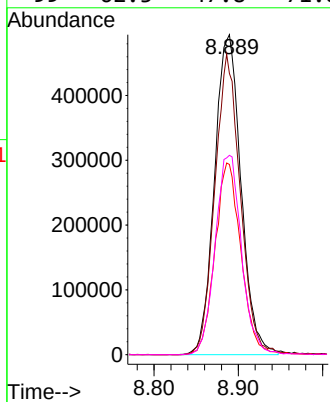
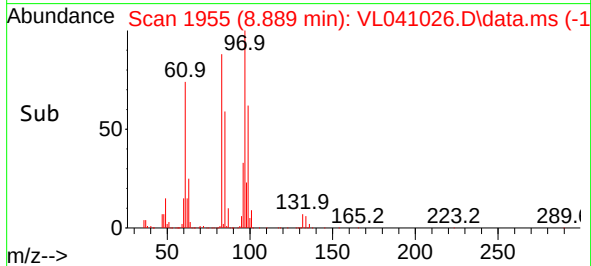
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 97 Resp: 1076908
Ion Ratio Lower Upper
97 100
83 87.9 71.5 107.3
85 59.4 46.1 69.1
99 62.3 47.8 71.8

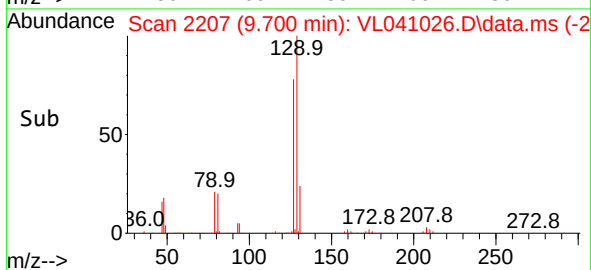
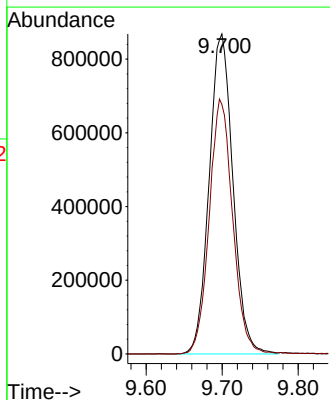
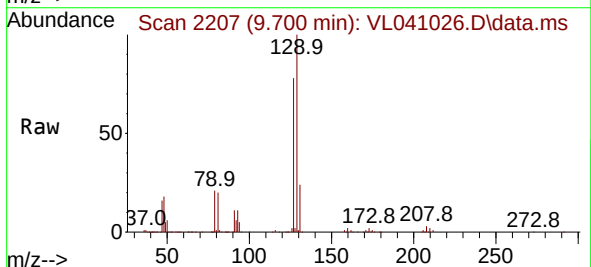
Manual Integrations
APPROVED

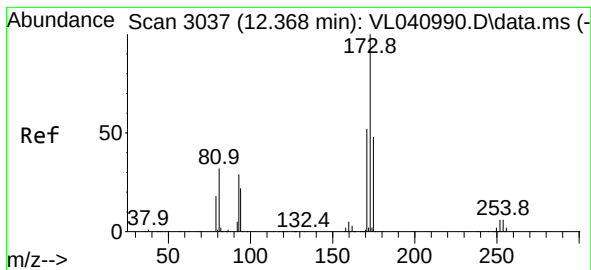
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#48
Dibromochloromethane
Concen: 10.650 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:129 Resp: 1888629
Ion Ratio Lower Upper
129 100
127 78.5 39.6 119.0





#49

Bromoform

Concen: 10.981 ppbv

RT: 12.394 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion:173 Resp: 1527404

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.4

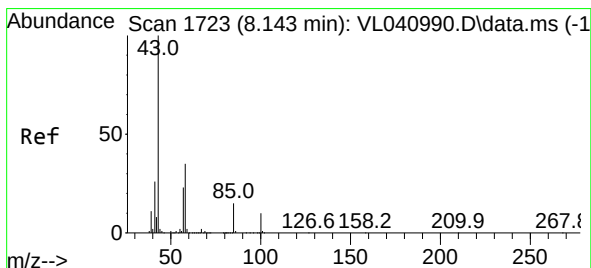
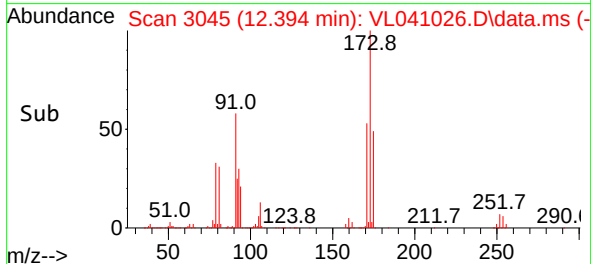
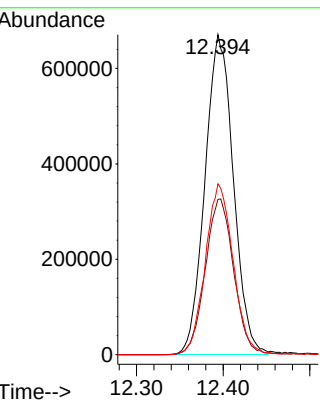
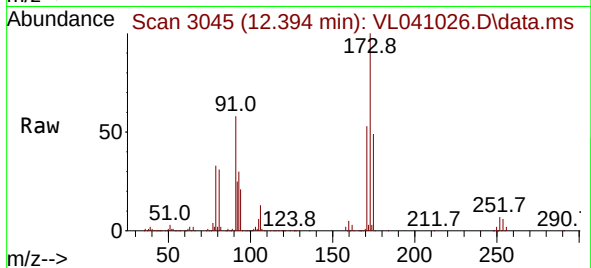
171 52.5 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#50

4-Methyl-2-Pentanone

Concen: 10.534 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.000 min

Lab File: VL041026.D

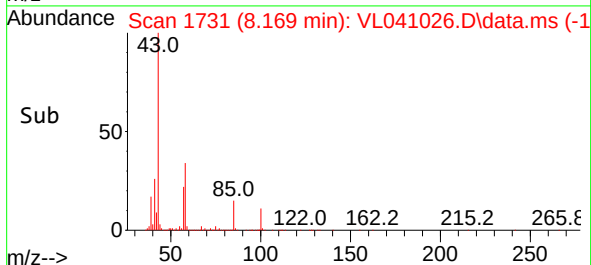
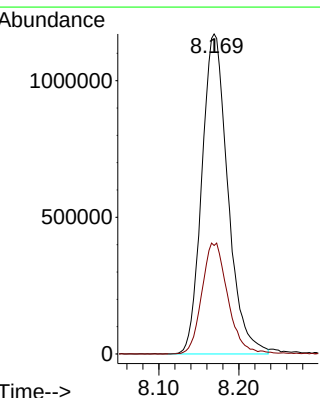
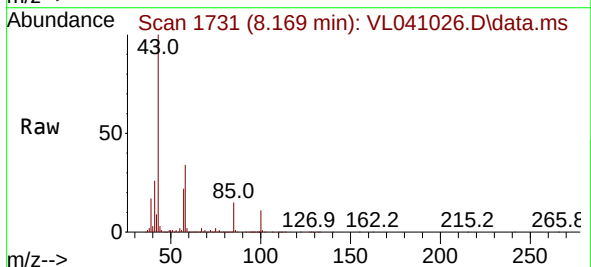
Acq: 25 Jan 2024 12:14

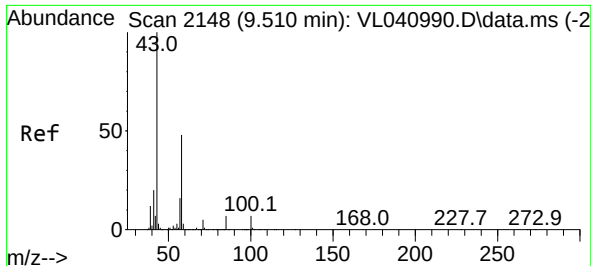
Tgt Ion: 43 Resp: 2643507

Ion Ratio Lower Upper

43 100

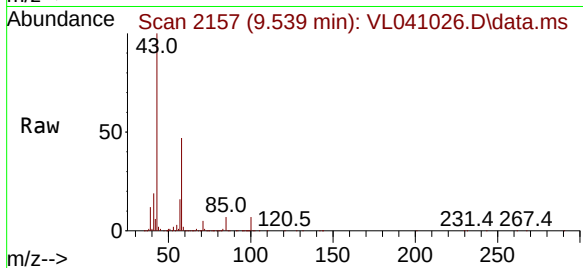
58 35.0 27.8 41.8





#51
2-Hexanone
Concen: 10.706 ppbv
RT: 9.539 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

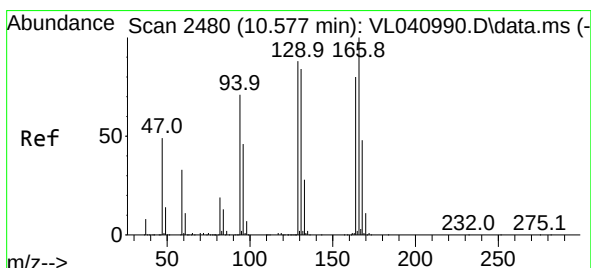
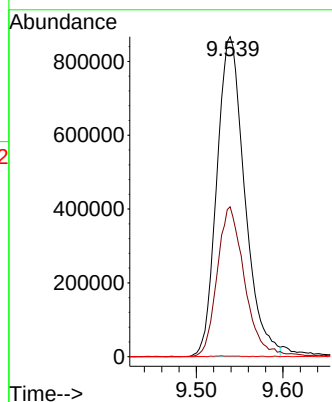
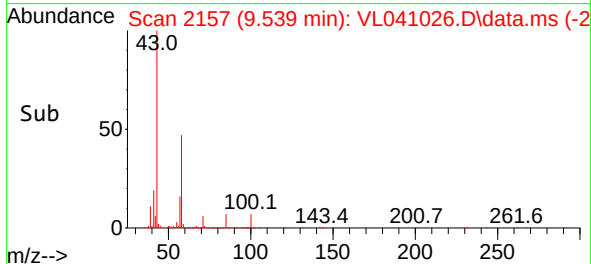
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion: 43 Resp: 1936639
Ion Ratio Lower Upper
43 100
58 46.7 36.8 55.2
98 0.3 0.3 0.5

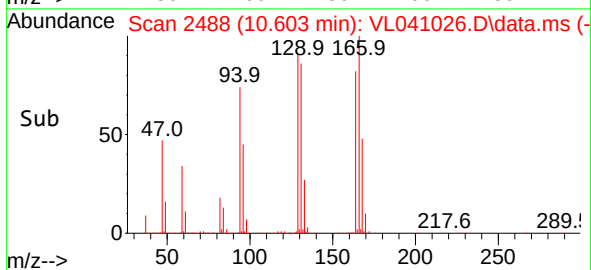
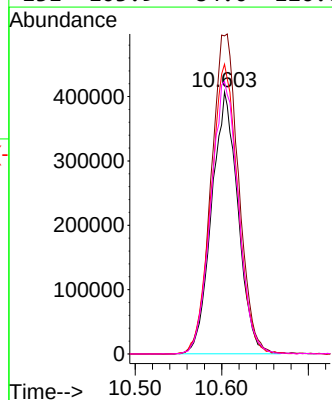
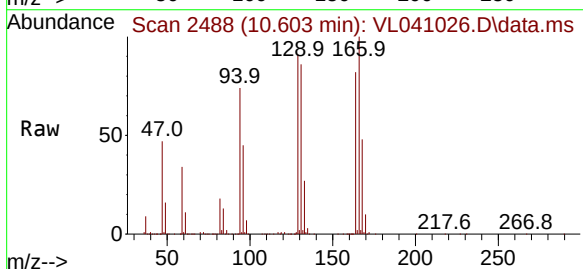
Manual Integrations
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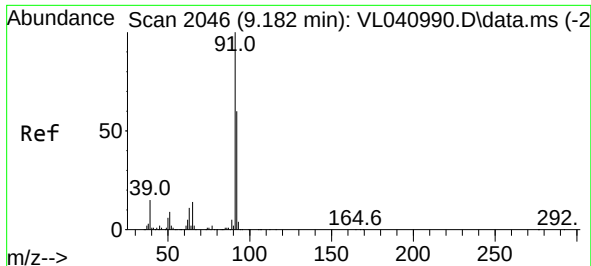
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#52
Tetrachloroethene
Concen: 10.459 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:164 Resp: 857983
Ion Ratio Lower Upper
164 100
166 121.2 100.2 150.2
129 110.2 87.9 131.9
131 103.9 84.0 126.0





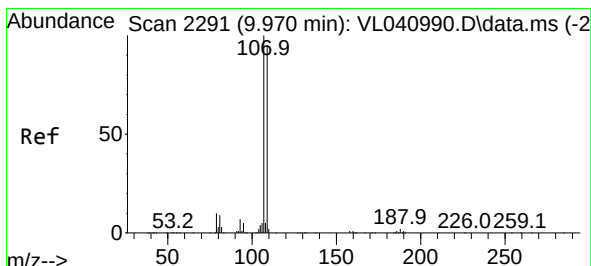
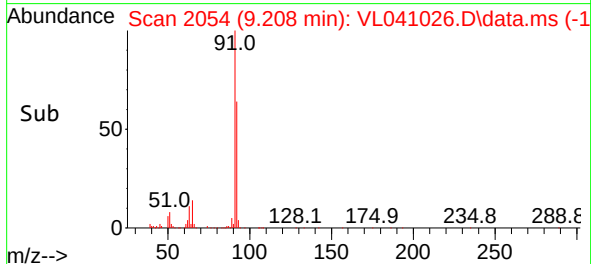
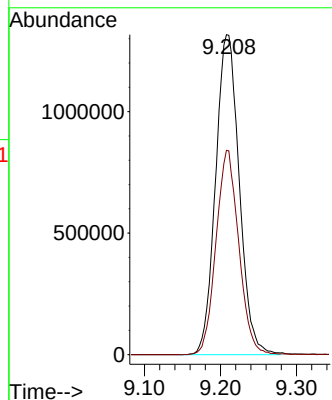
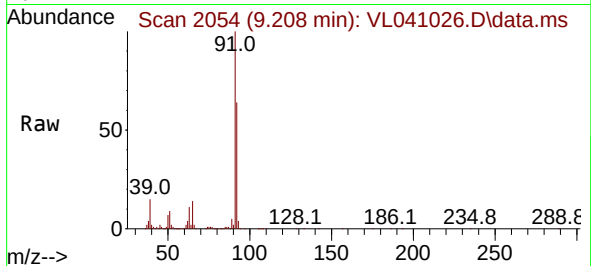
#53
Toluene
Concen: 10.517 ppbv
RT: 9.208 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 91 Resp: 284598
Ion Ratio Lower Upper
91 100
92 61.5 48.6 72.8

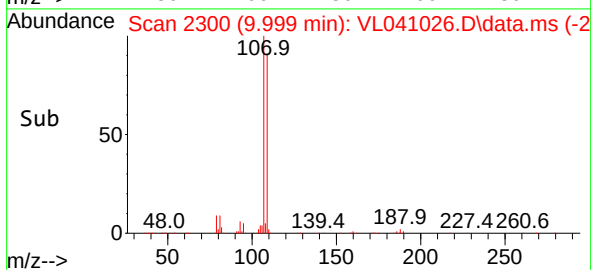
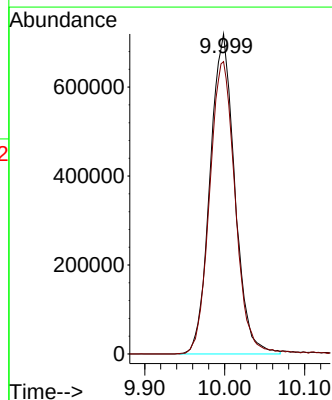
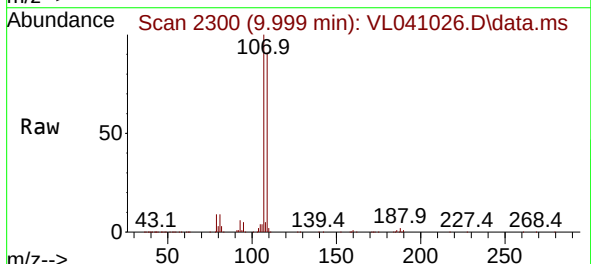
Manual Integrations
APPROVED

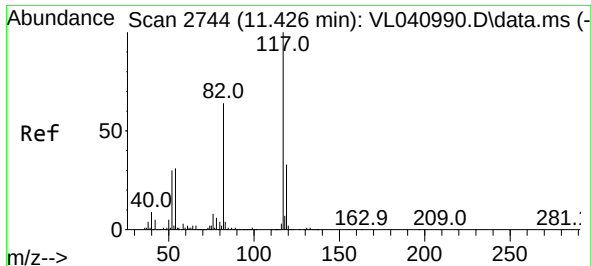
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#54
1,2-Dibromoethane
Concen: 10.865 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

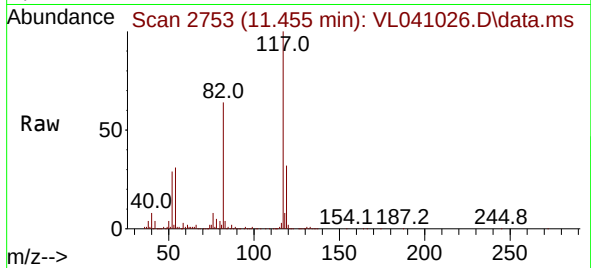
Tgt Ion:107 Resp: 1543398
Ion Ratio Lower Upper
107 100
109 91.2 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

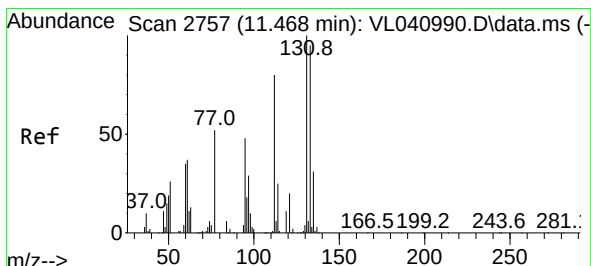
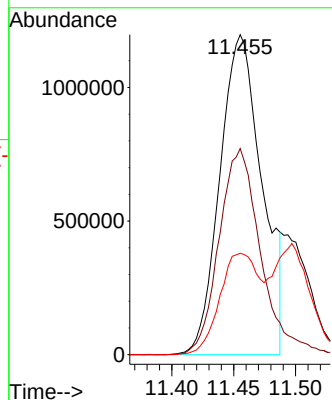
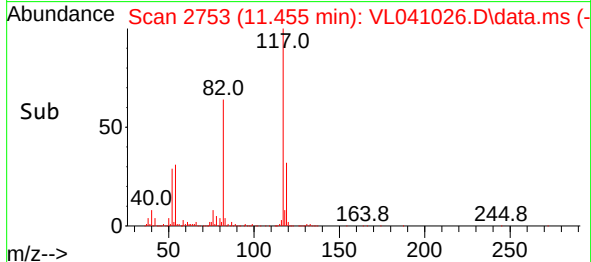
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



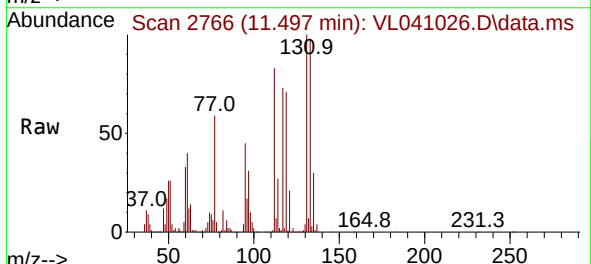
Tgt Ion:117 Resp: 283845
Ion Ratio Lower Upper
117 100
82 63.9 51.7 77.5
119 29.7 23.8 35.6

Manual Integrations
APPROVED

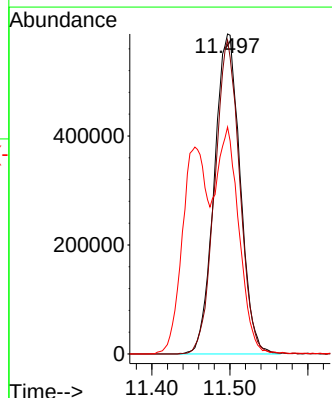
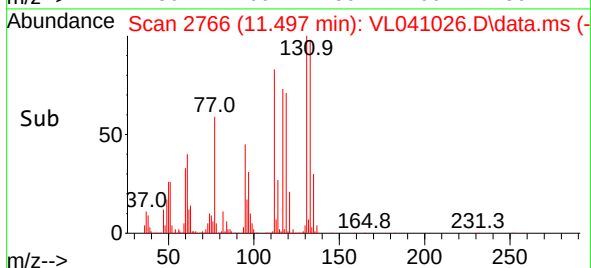
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

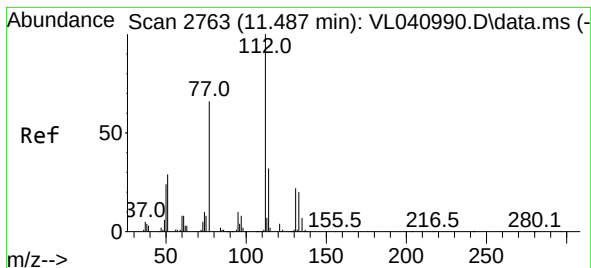


#56
1,1,1,2-Tetrachloroethane
Concen: 9.938 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion:131 Resp: 1353440
Ion Ratio Lower Upper
131 100
133 94.7 75.9 113.9
119 61.1 49.2 73.8





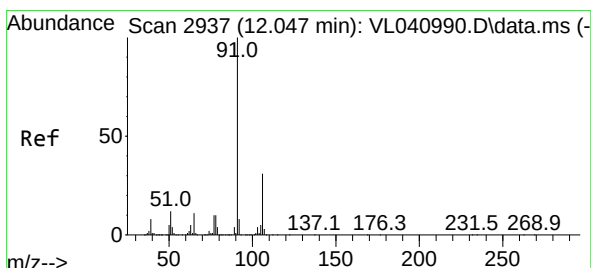
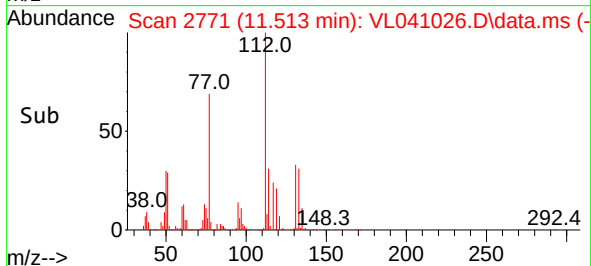
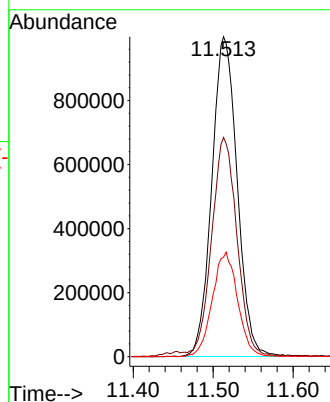
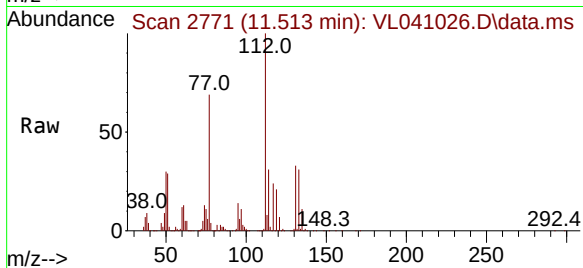
#57
Chlorobenzene
Concen: 9.651 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion:112 Resp: 220360
Ion Ratio Lower Upper
112 100
77 68.1 53.4 80.0
114 31.0 29.1 35.5

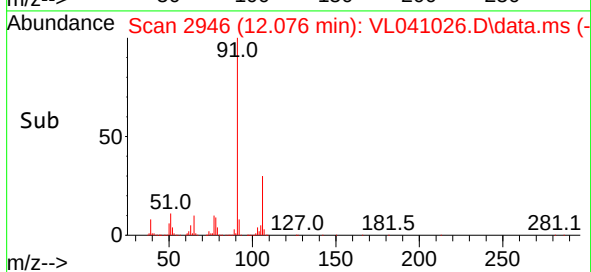
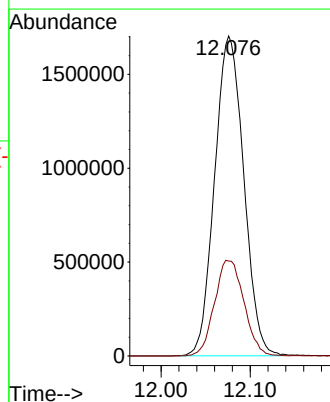
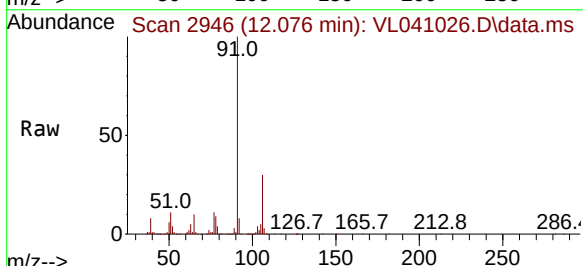
Manual Integrations
APPROVED

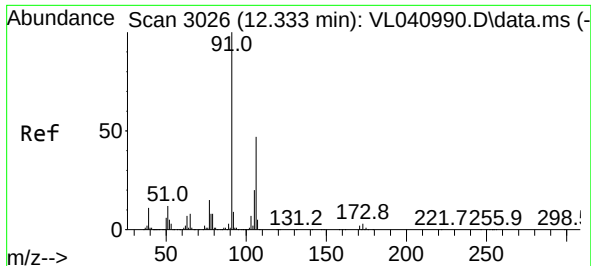
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#58
Ethyl Benzene
Concen: 10.150 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 91 Resp: 3868840
Ion Ratio Lower Upper
91 100
106 29.6 24.8 37.2





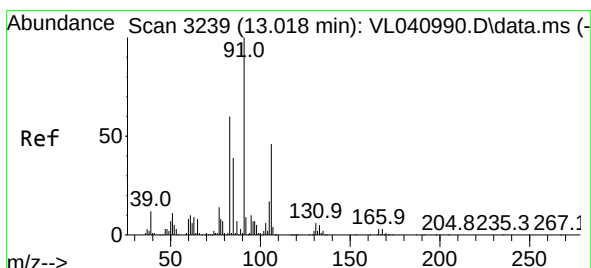
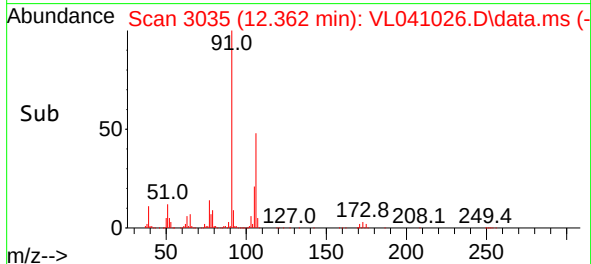
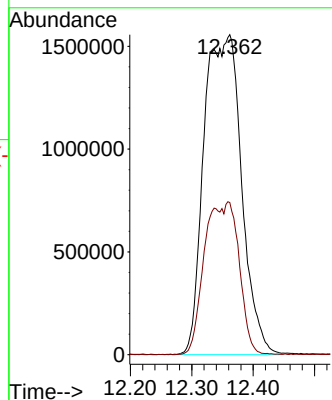
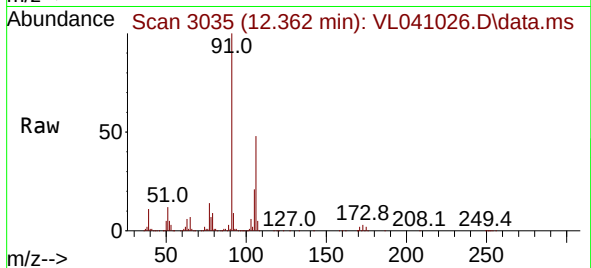
#59
m/p-Xylene
Concen: 19.828 ppbv m
RT: 12.362 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 91 Resp: 6589309
Ion Ratio Lower Upper
91 100
106 44.2 34.9 52.3

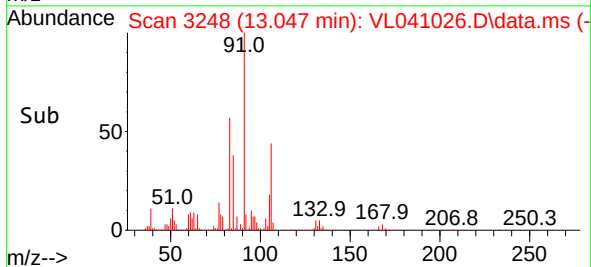
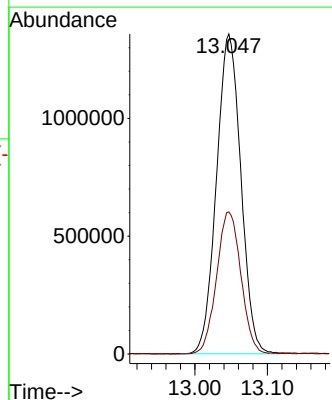
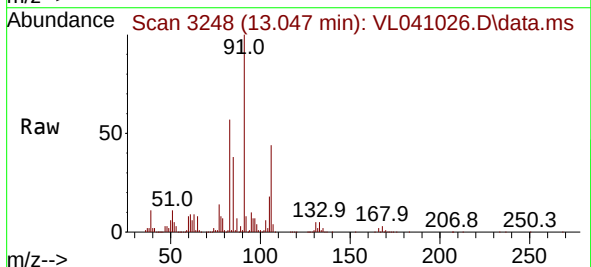
Manual Integrations
APPROVED

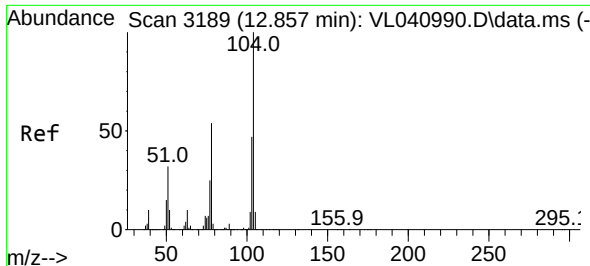
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#60
o-Xylene
Concen: 9.944 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

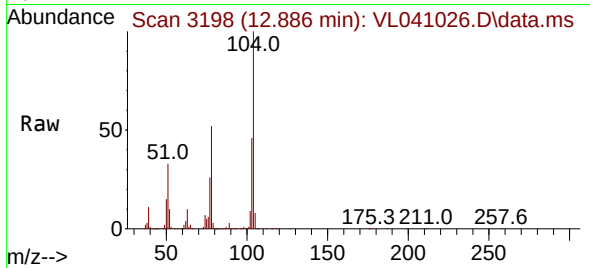
Tgt Ion: 91 Resp: 3170700
Ion Ratio Lower Upper
91 100
106 44.5 22.6 67.7





#61
Styrene
Concen: 11.269 ppbv
RT: 12.886 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

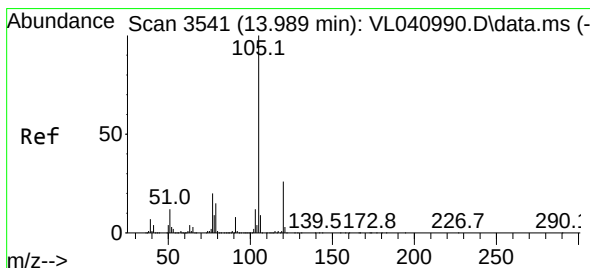
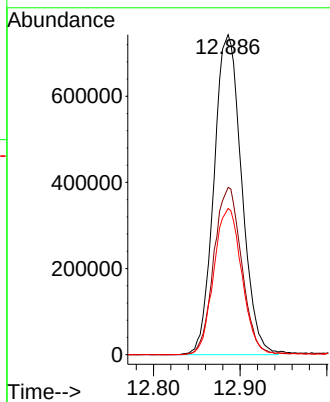
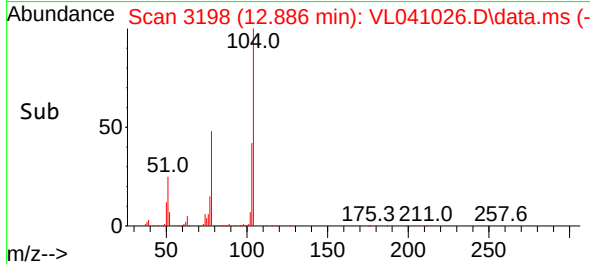
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



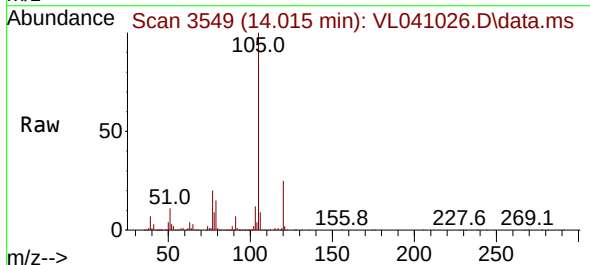
Tgt Ion:104 Resp: 1649862
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 46.7 37.6 56.4

Manual Integrations
APPROVED

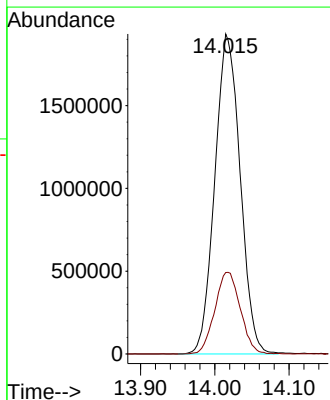
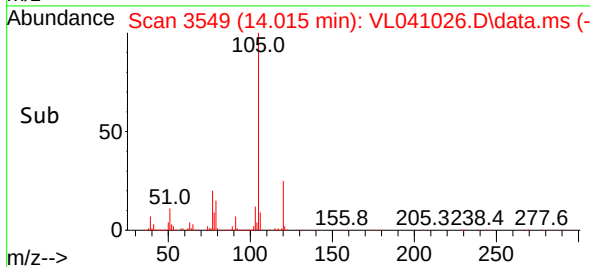
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

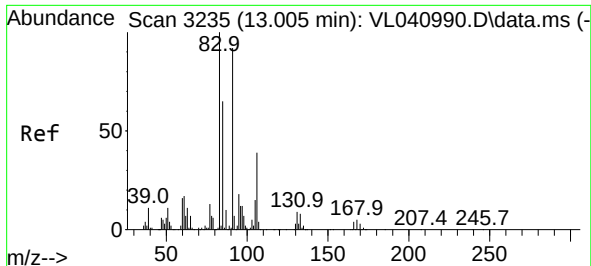


#62
Isopropylbenzene
Concen: 9.709 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



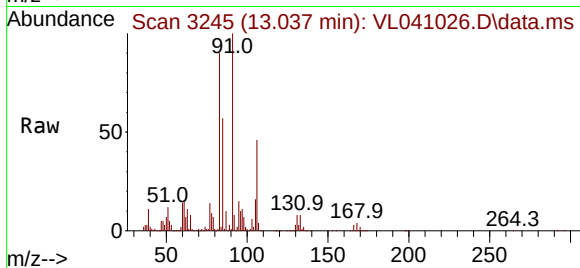
Tgt Ion:105 Resp: 4578241
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.530 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

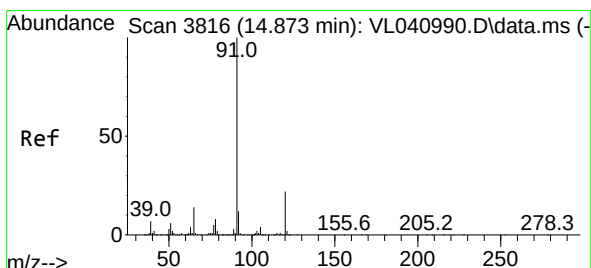
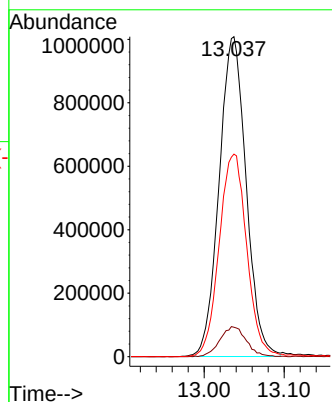
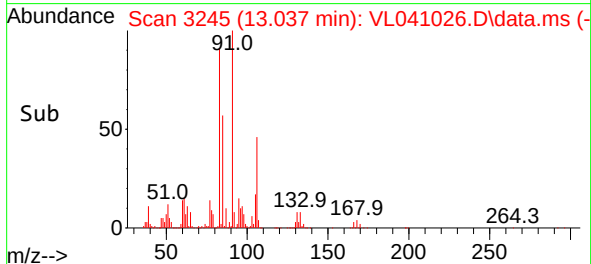
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



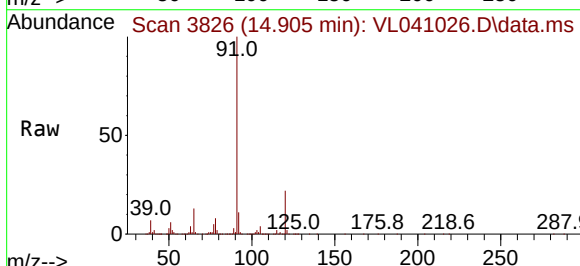
Tgt Ion: 83 Resp: 2361618
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.1 33.0 99.0

Manual Integrations
APPROVED

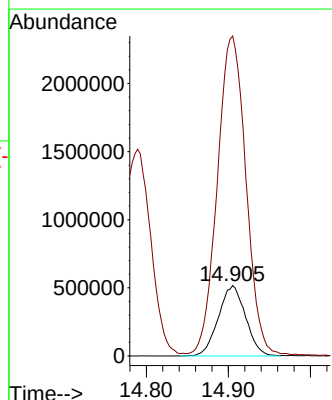
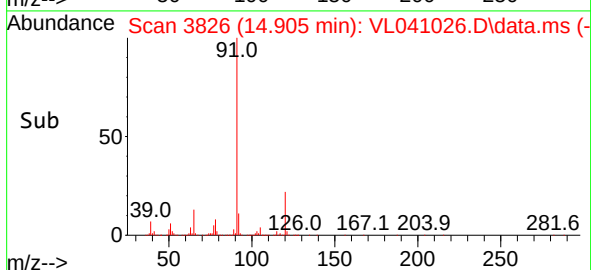
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

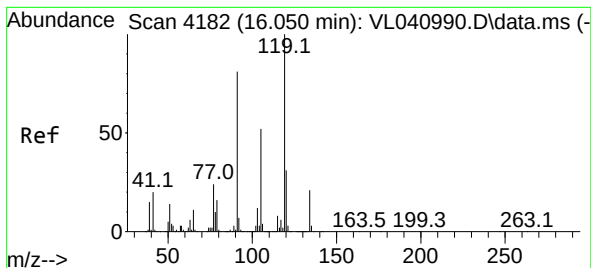


#64
n-propylbenzene
Concen: 10.007 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion:120 Resp: 1192179
Ion Ratio Lower Upper
120 100
91 480.7 390.6 585.8





#65

tert-Butylbenzene

Concen: 9.814 ppbv

RT: 16.079 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion:119 Resp: 404322

Ion Ratio Lower Upper

119 100

91 84.7 67.6 101.4

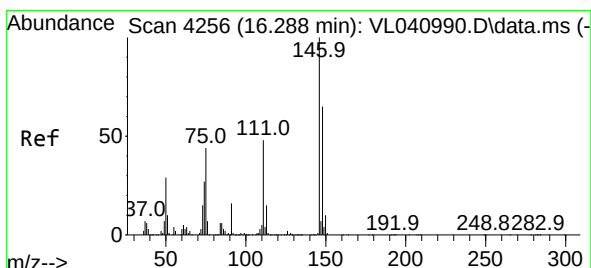
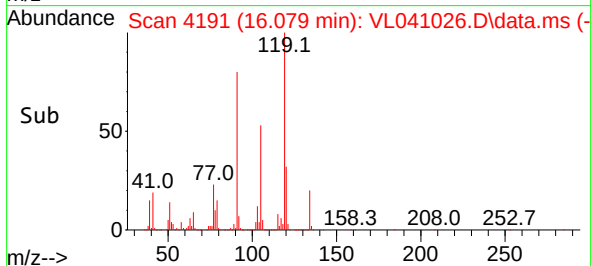
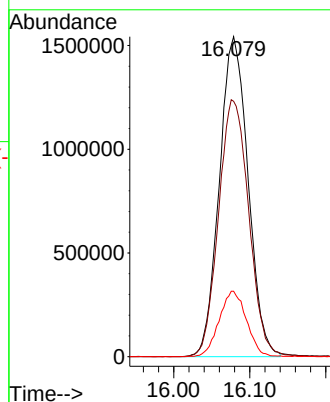
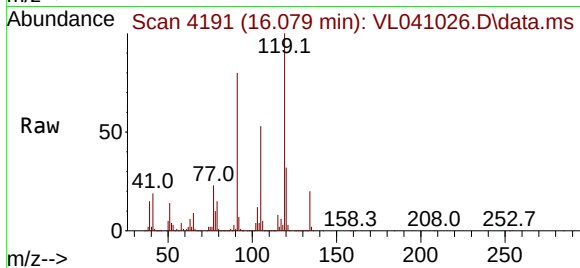
134 19.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#66

Benzyl Chloride

Concen: 11.870 ppbv m

RT: 16.320 min Scan# 4266

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

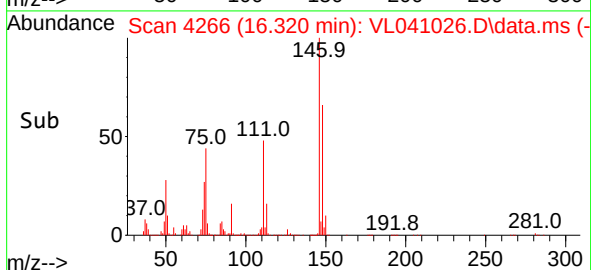
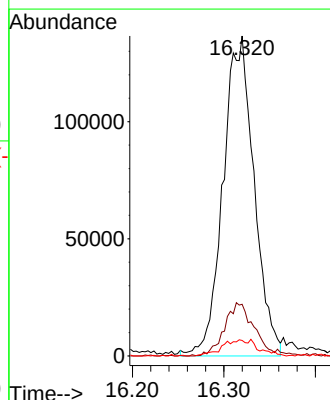
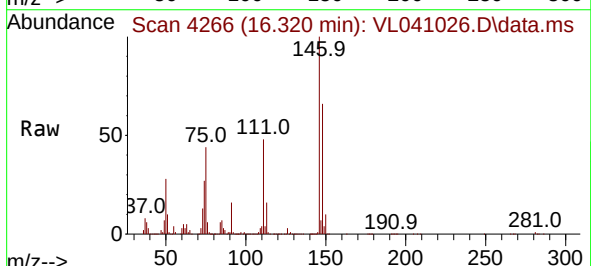
Tgt Ion: 91 Resp: 320455

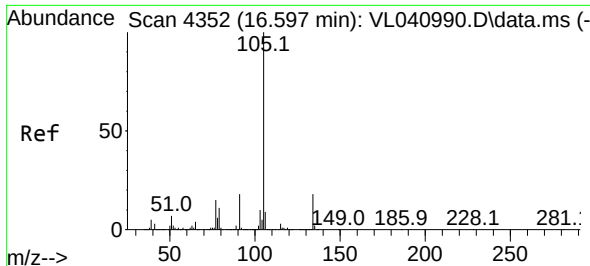
Ion Ratio Lower Upper

91 100

126 16.2 13.6 20.4

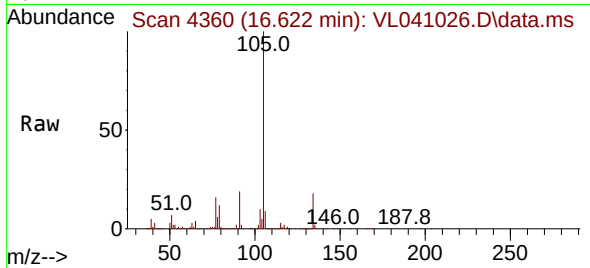
128 0.0 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 9.500 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

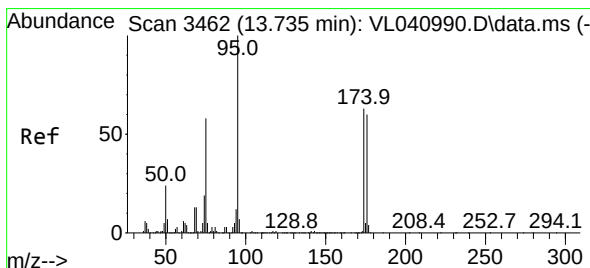
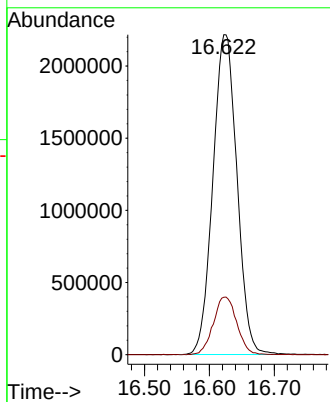
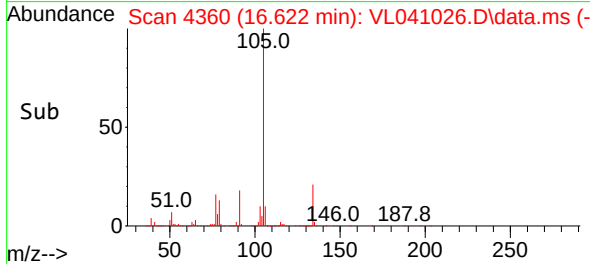
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0125ABS01



Tgt Ion:105 Resp: 569908
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

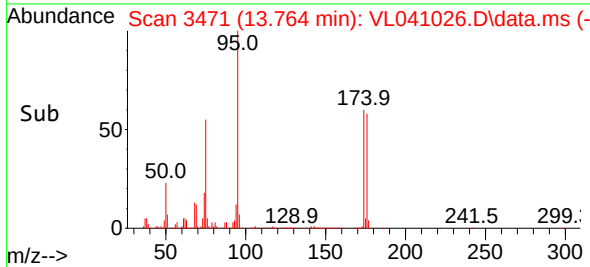
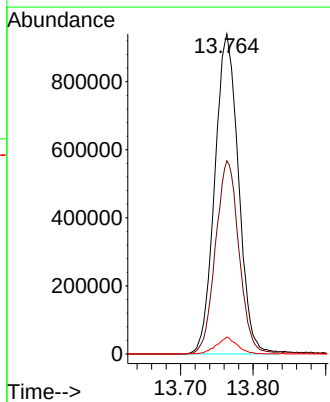
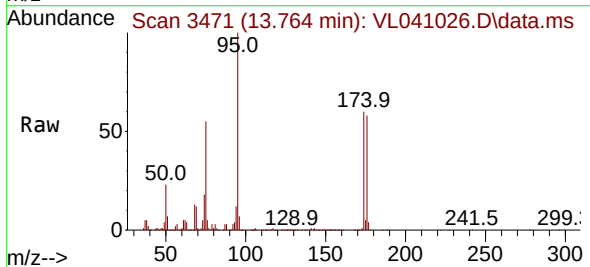
Manual Integrations
 APPROVED

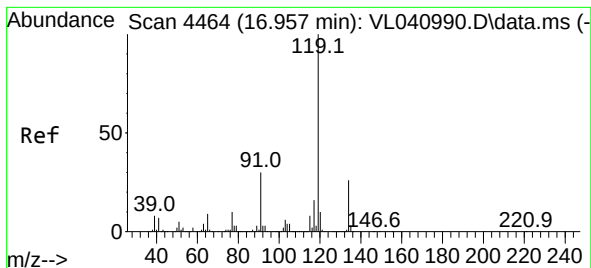
Reviewed By :Semsettin Yesilyurt 01/26/2024
 Supervised By :Mahesh Dadoda 01/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.947 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

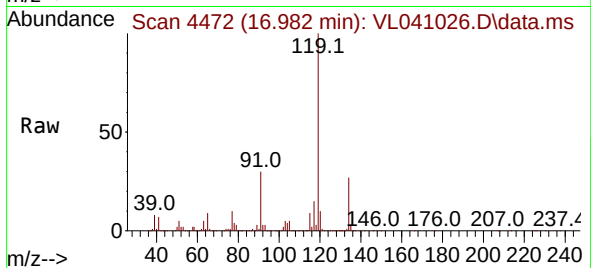
Tgt Ion: 95 Resp: 2132642
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.1 73.7
 175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.867 ppbv
RT: 16.982 min Scan# 4464
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

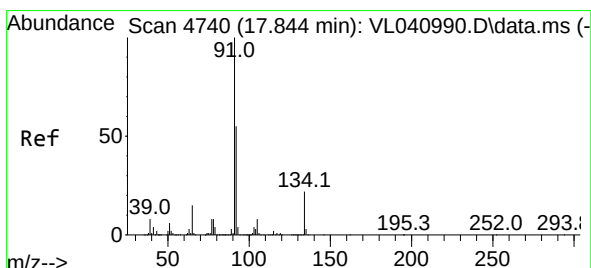
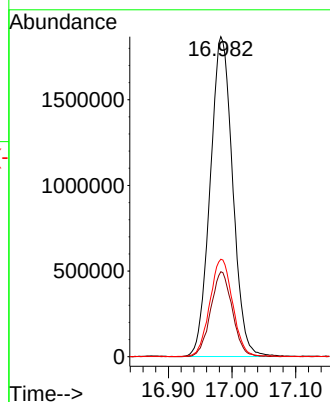
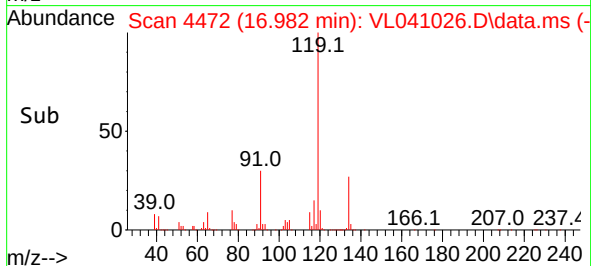
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



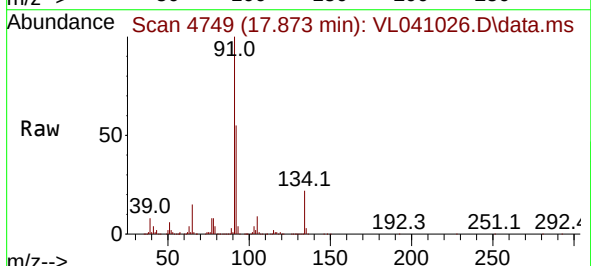
Tgt Ion:119 Resp: 458515
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 31.0 24.5 36.7

Manual Integrations
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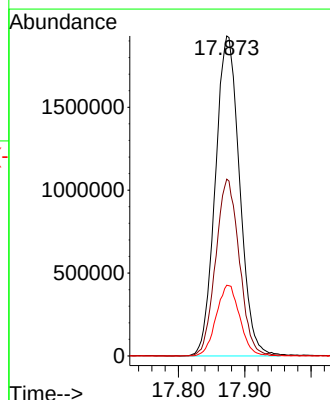
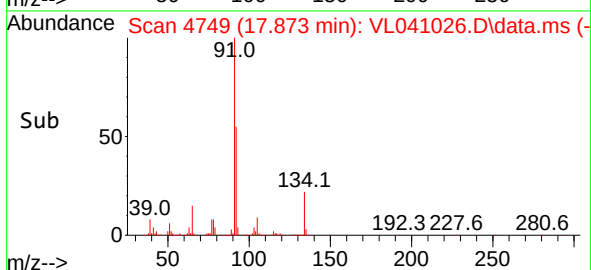
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

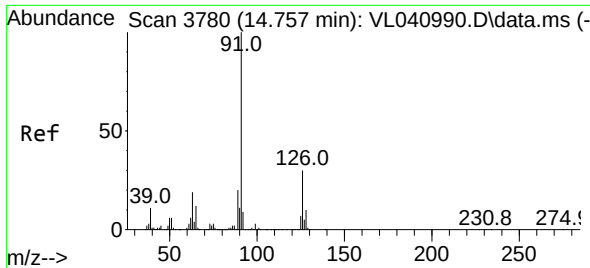


#70
n-Butylbenzene
Concen: 9.768 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 91 Resp: 4904674
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.0
134 21.6 17.4 26.0





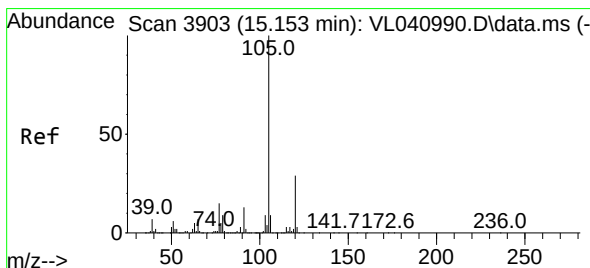
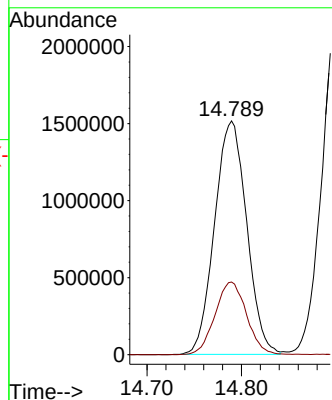
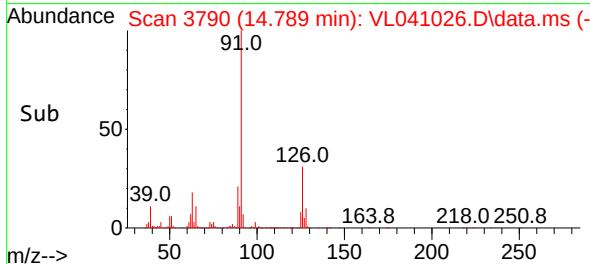
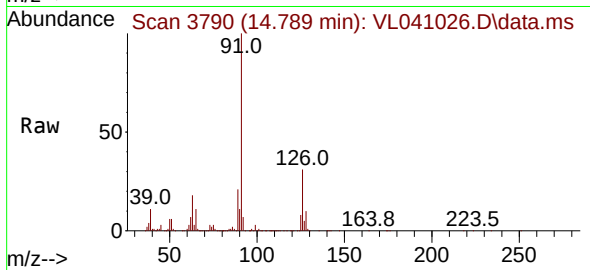
#71
2-Chlorotoluene
Concen: 9.823 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01

Tgt Ion: 91 Resp: 3573998
Ion Ratio Lower Upper
91 100
126 30.7 12.3 49.1

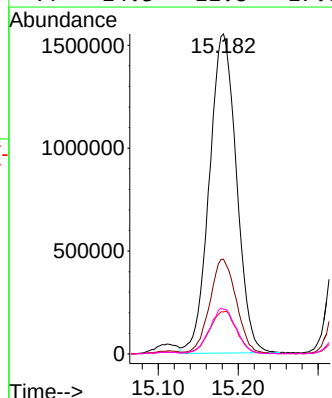
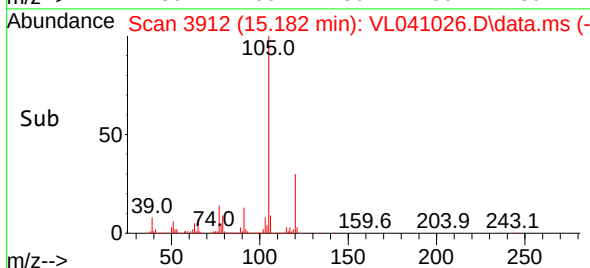
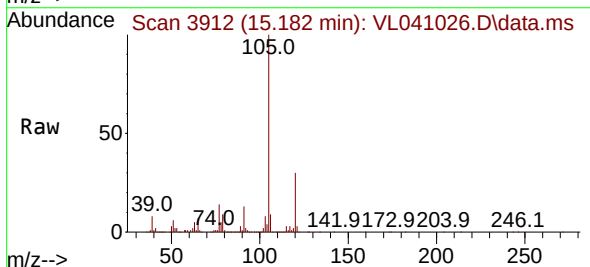
Manual Integrations
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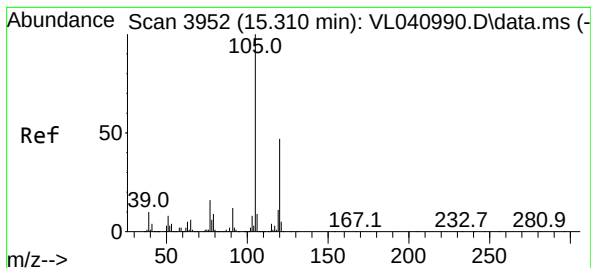
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#72
4-Ethyltoluene
Concen: 10.250 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:105 Resp: 3650263
Ion Ratio Lower Upper
105 100
120 29.5 24.3 36.5
91 13.7 11.0 16.4
77 14.3 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 9.930 ppbv

RT: 15.339 min Scan# 3952

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion:105 Resp: 313838

Ion Ratio Lower Upper

105 100

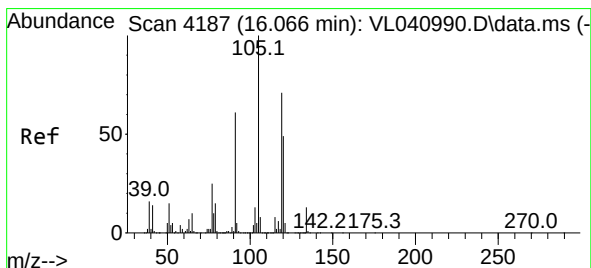
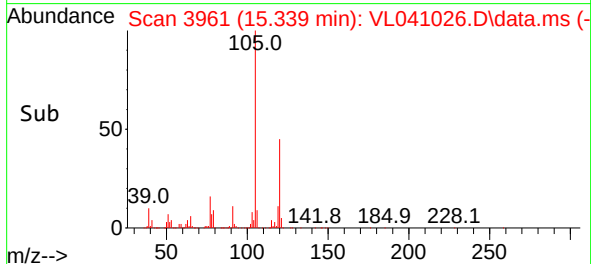
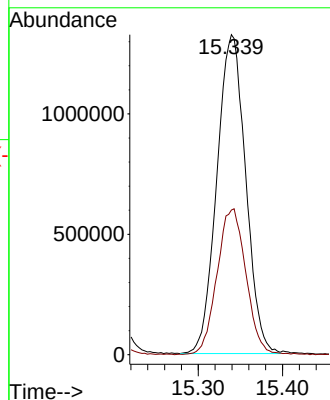
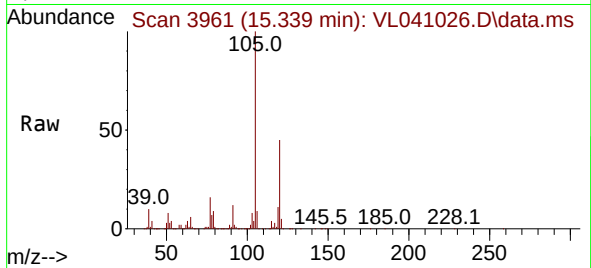
120 45.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.702 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion:105 Resp: 3475771

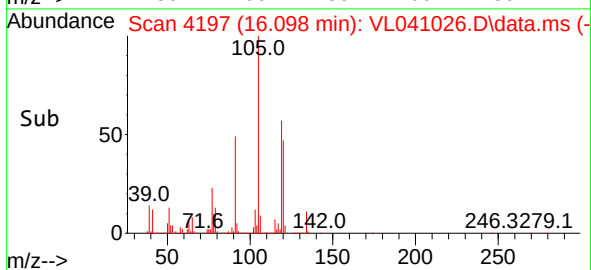
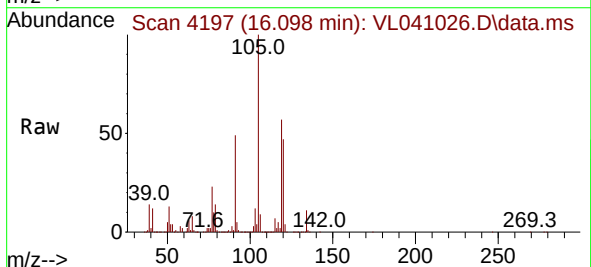
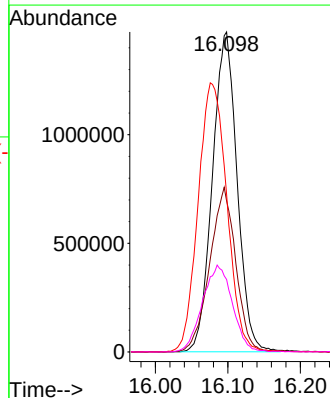
Ion Ratio Lower Upper

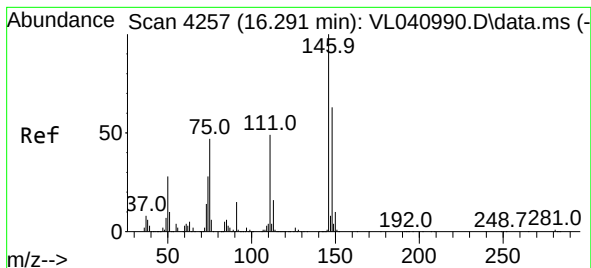
105 100

120 46.9 39.3 58.9

91 49.0 48.7 73.1

77 22.5 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.734 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.003 min

Lab File: VL041026.D

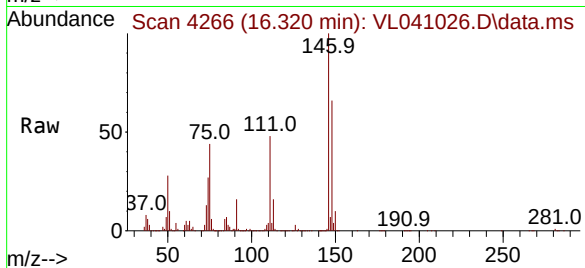
Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01



Tgt Ion:146 Resp: 1984829

Ion Ratio Lower Upper

146 100

111 48.0 24.4 73.2

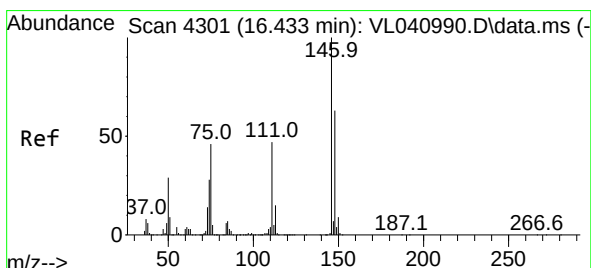
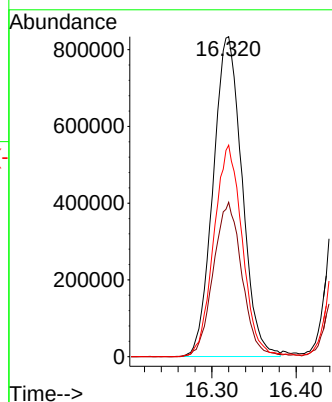
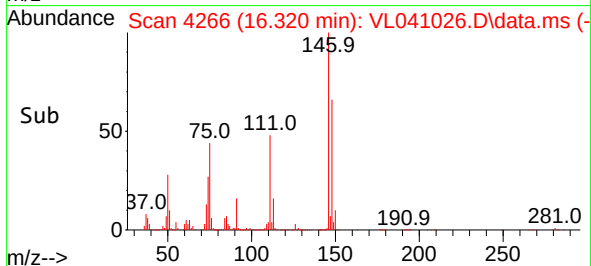
148 65.4 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#76

1,4-Dichlorobenzene

Concen: 9.663 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

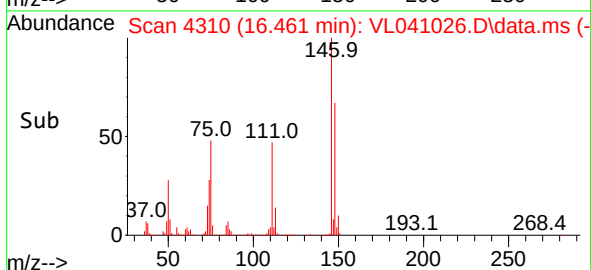
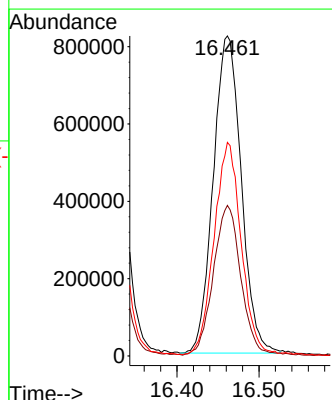
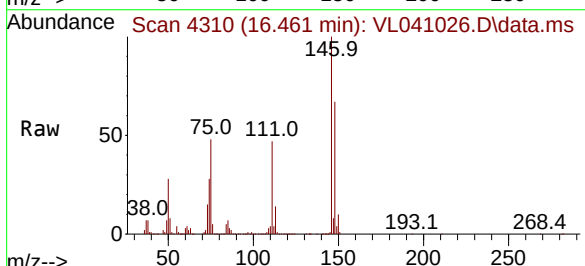
Tgt Ion:146 Resp: 1944220

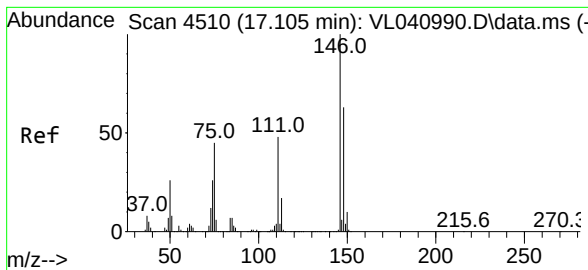
Ion Ratio Lower Upper

146 100

111 47.1 24.0 72.0

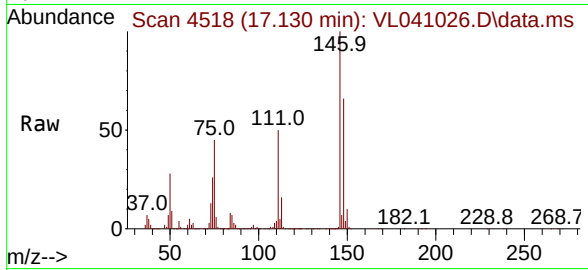
148 66.3 32.9 98.7





#77
1,2-Dichlorobenzene
Concen: 9.457 ppbv
RT: 17.130 min Scan# 4510
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

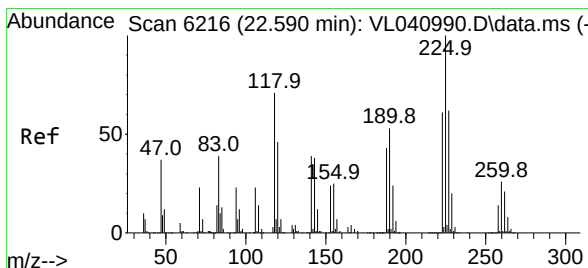
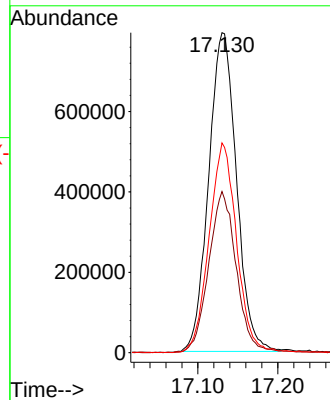
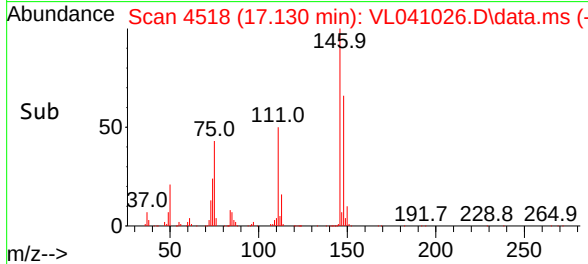
Instrument :
MSVOA_L
ClientSampleId :
VL0125ABS01



Tgt Ion:146 Resp: 1916490
Ion Ratio Lower Upper
146 100
111 50.4 24.8 74.3
148 65.5 31.8 95.3

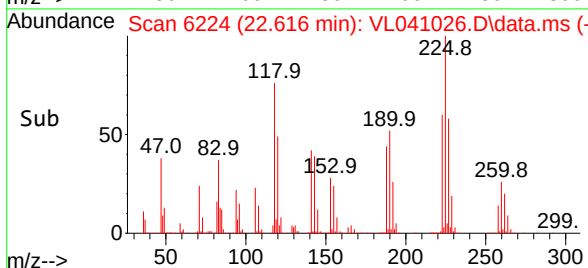
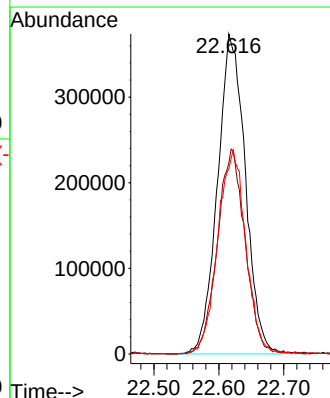
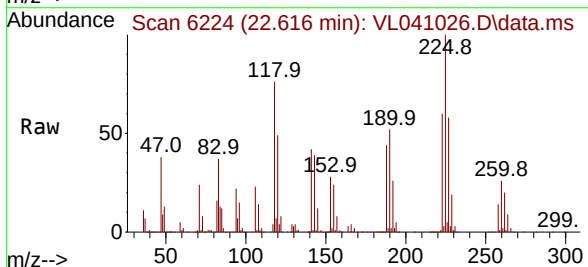
Manual Integrations
APPROVED

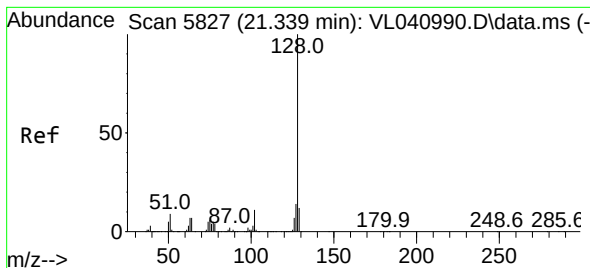
Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.489 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:225 Resp: 1109418
Ion Ratio Lower Upper
225 100
223 64.1 51.1 76.7
227 64.5 51.0 76.4





#79

Naphthalene

Concen: 12.654 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01

Tgt Ion:128 Resp: 2586200

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

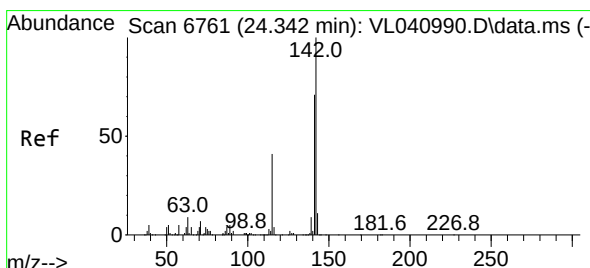
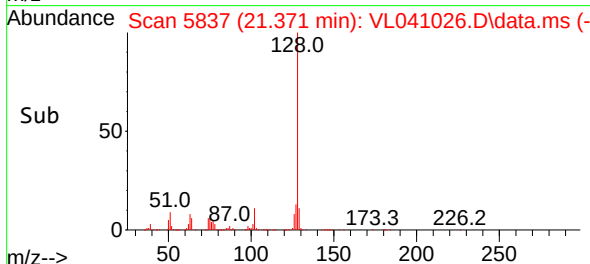
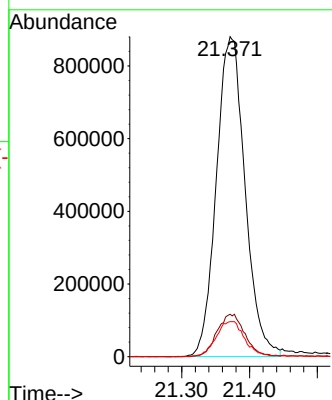
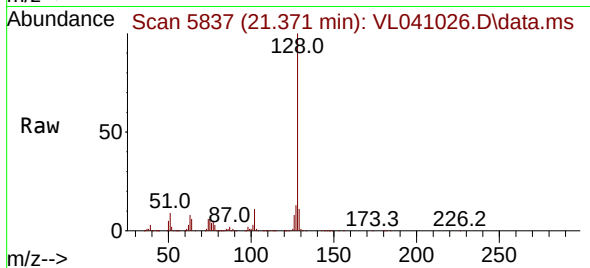
129 11.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024



#80

Naphthalene,2-methyl-

Concen: 17.083 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

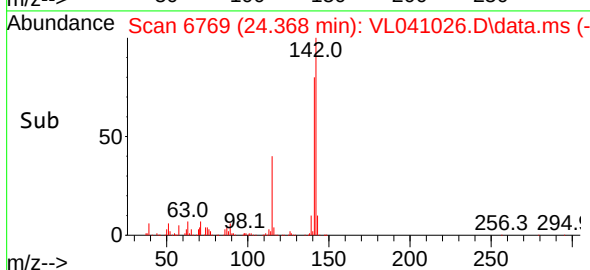
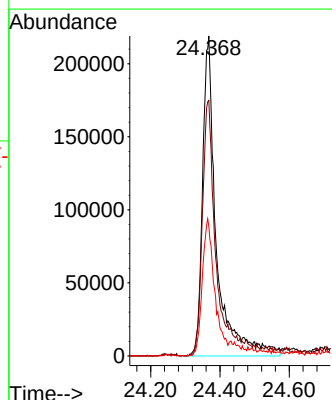
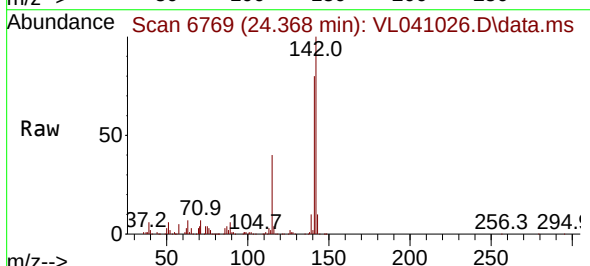
Tgt Ion:142 Resp: 613215

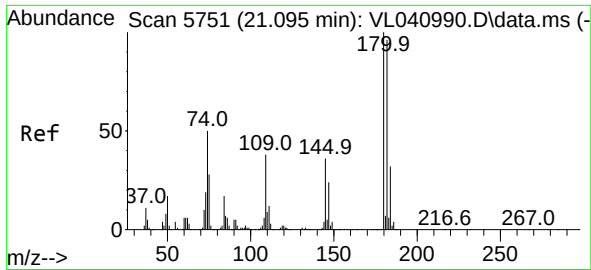
Ion Ratio Lower Upper

142 100

141 79.9 62.7 94.1

115 42.9 34.0 51.0





#81

1,2,4-Trichlorobenzene

Concen: 10.579 ppbv m

RT: 21.124 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041026.D

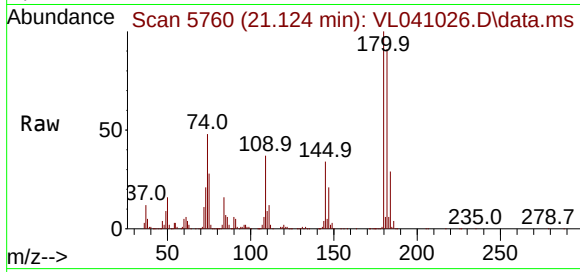
Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VL0125ABS01



Tgt Ion:180 Resp: 126151

Ion Ratio Lower Upper

180 100

182 0.0 78.6 118.0

184 0.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024

Supervised By :Mahesh Dadoda 01/26/2024

