

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040638.D
 Acq On : 15 Aug 2023 18:45
 Operator : SY/MD
 Sample : VL0815ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0815ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 05:57:01 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 05:57:01 2023

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	956154	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2444669	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2323245	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2002365 10.837 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.723	85	1867922	9.070	ppbv	98
3) Chlorodifluoromethane	2.668	51	1412179	8.995	ppbv	96
4) Chloromethane	2.803	50	538754	8.798	ppbv	97
5) Vinyl Chloride	2.912	62	595446	9.158	ppbv	98
6) Bromomethane	3.112	94	326089	9.567	ppbv	97
7) Chloroethane	3.192	64	223795	9.436	ppbv	91
8) Dichlorotetrafluoroethane	2.848	85	1573422	9.439	ppbv	99
9) Propene	2.684	41	412448	8.479	ppbv	98
10) Heptane	7.584	43	1050953	9.382	ppbv	100
11) Trichlorofluoromethane	3.559	101	1692811	10.182	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1217754	9.868	ppbv	99
13) Ethanol	3.243	45	97437m	7.177	ppbv	
14) Bromoethene	3.359	108	501267	10.003	ppbv	99
15) Acetone	3.462	43	1093507	9.350	ppbv	98
16) 1,3-Butadiene	2.977	39	551236	9.478	ppbv	99
17) tert-Butyl alcohol	3.874	59	1160504	9.357	ppbv	100
18) 1,1-Dichloroethene	3.877	96	556131	9.944	ppbv	96
19) Isopropyl Alcohol	3.571	45	636164	8.579	ppbv #	98
20) Methylene Chloride	3.928	84	473521	8.285	ppbv	98
21) Allyl Chloride	3.993	41	731235	9.453	ppbv	96
22) trans-1,2-Dichloroethene	4.443	96	544576	9.920	ppbv	98
23) Vinyl Acetate	4.626	43	1257660	9.437	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1099426	9.647	ppbv	99
25) Ethyl Acetate	5.205	43	1954626	8.899	ppbv	99
26) Hexane	5.211	57	858598	8.079	ppbv	96
27) Carbon Disulfide	4.121	76	1371050	10.837	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	770096	9.373	ppbv	100
29) Chloroform	5.275	83	1534890	9.125	ppbv	99
30) Cyclohexane	6.603	84	713917	8.780	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	886710	9.245	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1591921	9.883	ppbv	100
34) 2-Butanone	4.787	43	1178672	9.561	ppbv	99
35) Carbon Tetrachloride	6.497	117	1653388	10.809	ppbv	98
36) Benzene	6.375	78	1797596	9.243	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1179525	10.056	ppbv	98
38) Trichloroethene	7.295	130	733889	9.745	ppbv	96
39) 1,2-Dichloropropane	7.079	63	680441	9.196	ppbv	96
40) 1,4-Dioxane	7.295	88	218202	7.784	ppbv #	1
41) Tetrahydrofuran	5.558	42	641970	9.213	ppbv	99
42) Bromodichloromethane	7.256	83	1687634	10.337	ppbv	99
43) Methyl Methacrylate	7.481	69	750205	10.302	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	2980381	9.481	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	663600	11.411	ppbv	95

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Quant Time: Aug 16 05:57:01 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

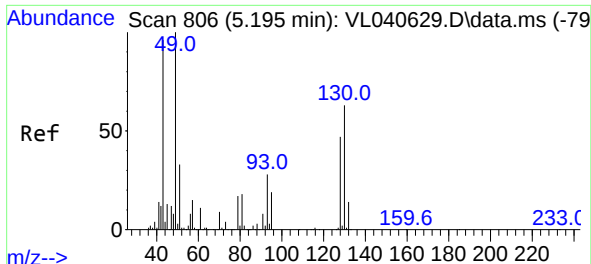
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

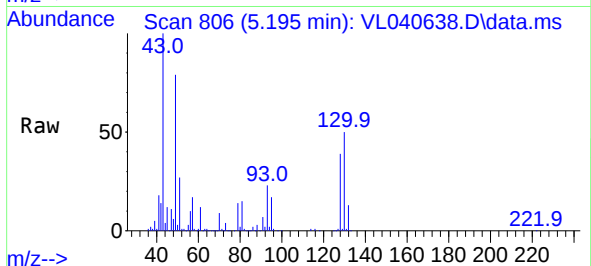
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	770209	10.857	ppbv	97
47) 1,1,2-Trichloroethane	8.906	97	785773	9.401	ppbv	97
48) Dibromochloromethane	9.719	129	1401589	10.715	ppbv	99
49) Bromoform	12.420	173	1171746	11.180	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	1826158	10.140	ppbv	98
51) 2-Hexanone	9.558	43	1334255	10.514	ppbv #	98
52) Tetrachloroethene	10.626	164	635050	10.426	ppbv	99
53) Toluene	9.230	91	2090908	10.117	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1134218	10.658	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	1032875	9.609	ppbv	96
57) Chlorobenzene	11.536	112	1677730	9.357	ppbv	97
58) Ethyl Benzene	12.098	91	2902897	10.362	ppbv	99
59) m/p-Xylene	12.378	91	5166234m	20.216	ppbv	
60) o-Xylene	13.069	91	2477300	10.227	ppbv	100
61) Styrene	12.909	104	1213548	11.434	ppbv	98
62) Isopropylbenzene	14.040	105	3642299	9.936	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1781925	9.823	ppbv	99
64) n-propylbenzene	14.928	120	931634	10.056	ppbv	99
65) tert-Butylbenzene	16.101	119	3231535	10.171	ppbv	98
66) Benzyl Chloride	16.336	91	438370	10.972	ppbv	100
67) sec-Butylbenzene	16.648	105	4607633	9.940	ppbv	100
69) p-Isopropyltoluene	17.005	119	3723537	10.266	ppbv	98
70) n-Butylbenzene	17.896	91	4078342	10.299	ppbv	99
71) 2-Chlorotoluene	14.812	91	2808589	10.326	ppbv	99
72) 4-Ethyltoluene	15.204	105	2882456	10.541	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2502599	10.238	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	2865781	10.039	ppbv	95
75) 1,3-Dichlorobenzene	16.346	146	1600936	9.700	ppbv	98
76) 1,4-Dichlorobenzene	16.487	146	1573603	9.753	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	1551469	9.554	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	1083637	8.795	ppbv	99
79) Naphthalene	21.397	128	2330001	12.359	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	659743	12.161	ppbv	95
81) 1,2,4-Trichlorobenzene	21.156	180	1290468	10.400	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

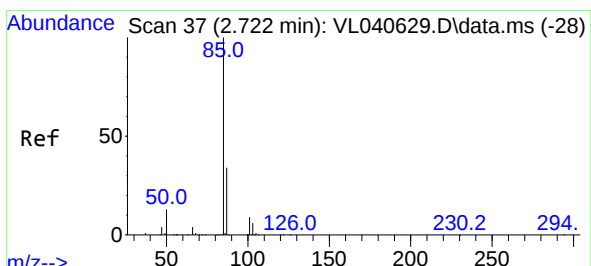
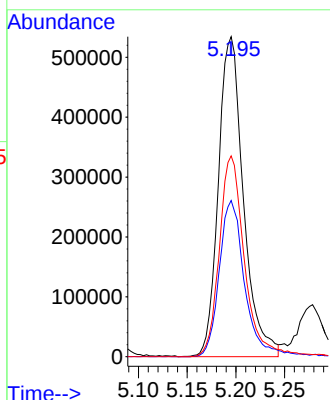
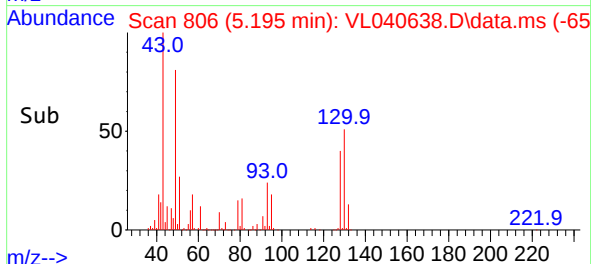
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



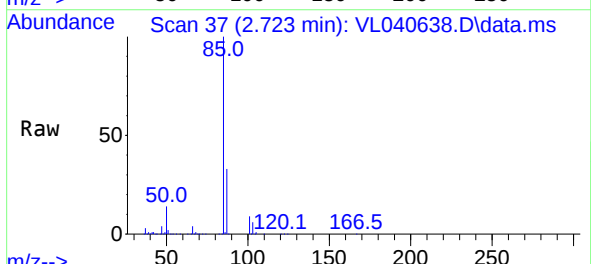
Tgt Ion: 49 Resp: 956154
Ion Ratio Lower Upper
49 100
128 50.3 24.9 74.7
130 63.7 32.2 96.6

Manual Integrations
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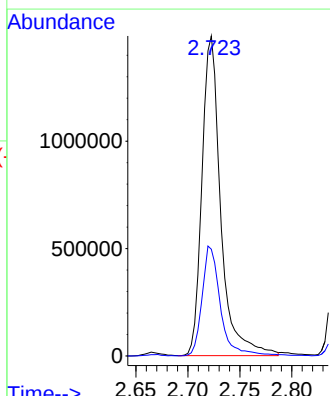
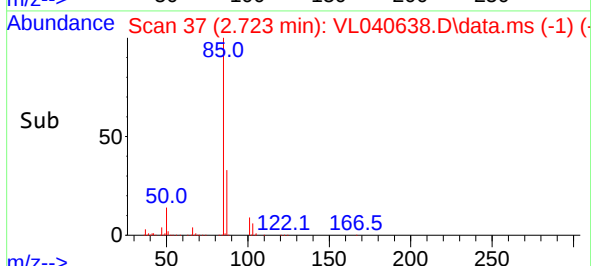
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

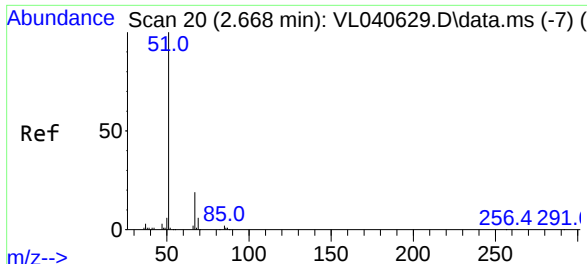


#2
Dichlorodifluoromethane
Concen: 9.070 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



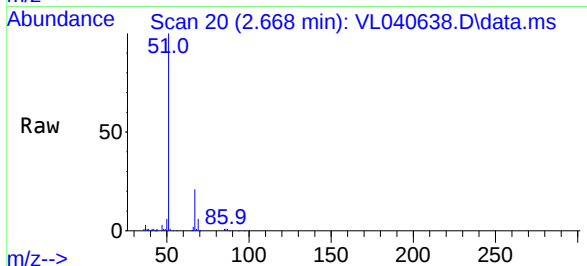
Tgt Ion: 85 Resp: 1867922
Ion Ratio Lower Upper
85 100
87 33.3 27.5 41.3





#3
Chlorodifluoromethane
Concen: 8.995 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

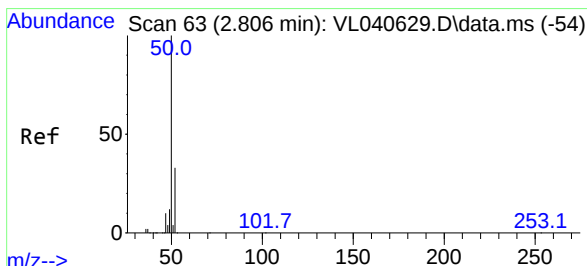
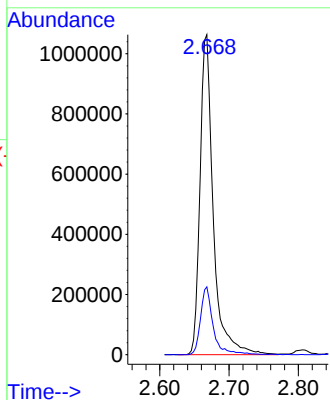
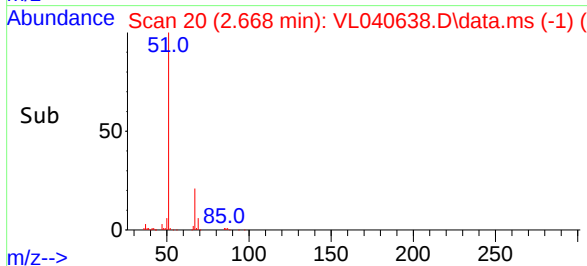
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



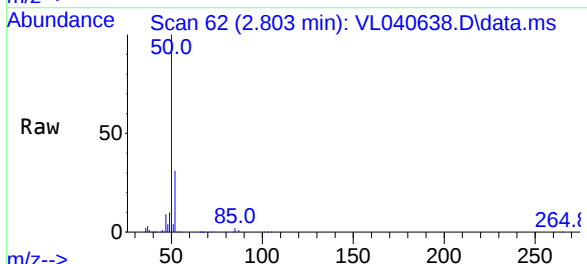
Tgt Ion: 51 Resp: 1412179
Ion Ratio Lower Upper
51 100
67 20.4 15.0 22.6

Manual Integrations
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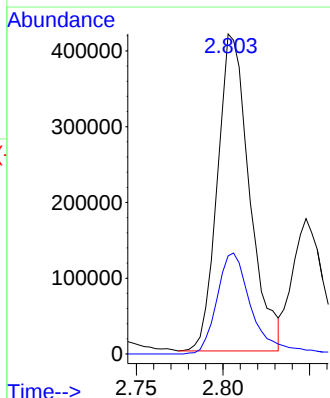
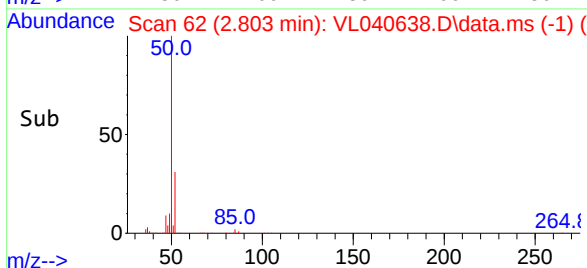
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

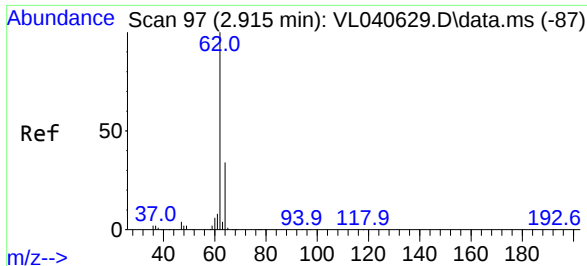


#4
Chloromethane
Concen: 8.798 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



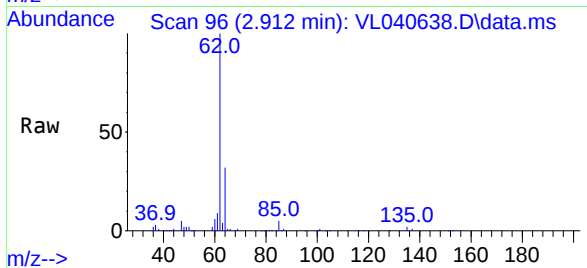
Tgt Ion: 50 Resp: 538754
Ion Ratio Lower Upper
50 100
52 31.0 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.158 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

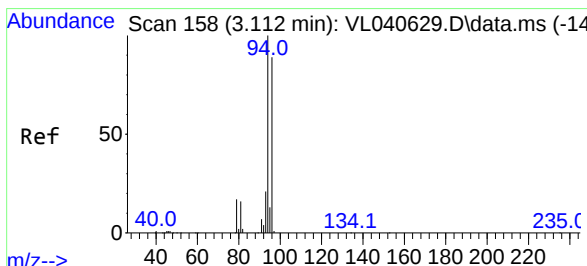
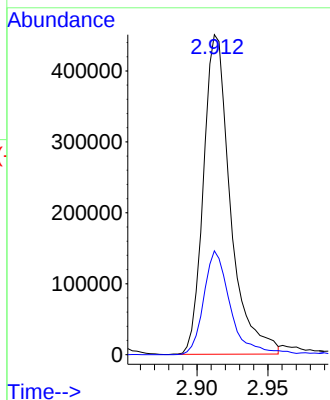
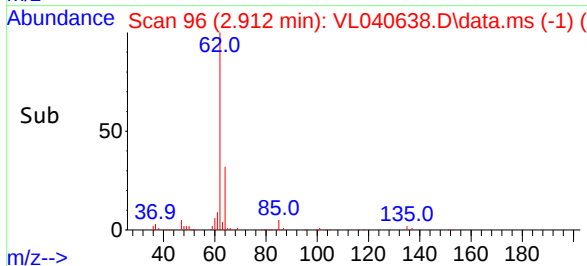
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0815ABS01



Tgt Ion: 62 Resp: 595440
 Ion Ratio Lower Upper
 62 100
 64 32.5 27.0 40.6

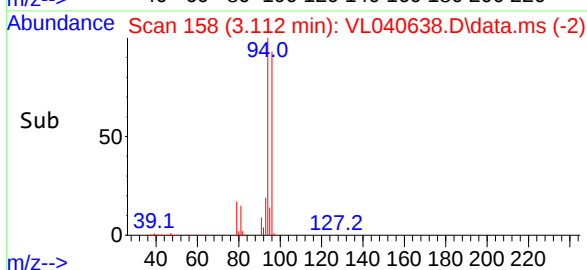
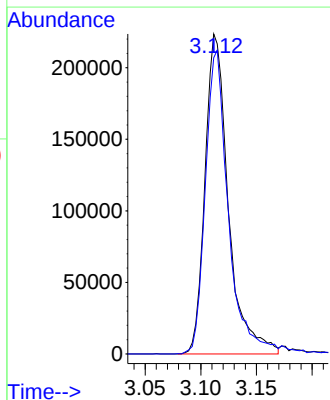
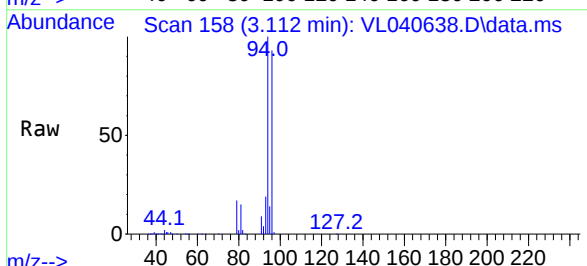
Manual Integrations
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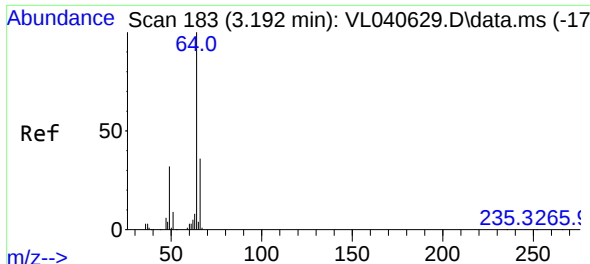
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#6
 Bromomethane
 Concen: 9.567 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

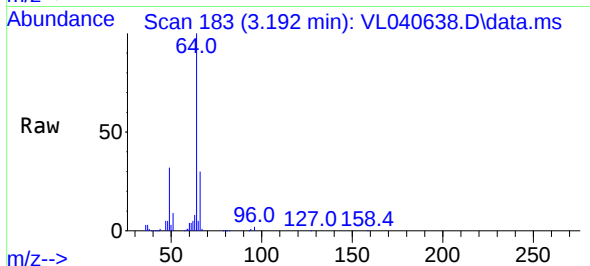
Tgt Ion: 94 Resp: 326089
 Ion Ratio Lower Upper
 94 100
 96 92.4 71.5 107.3





#7
Chloroethane
Concen: 9.436 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

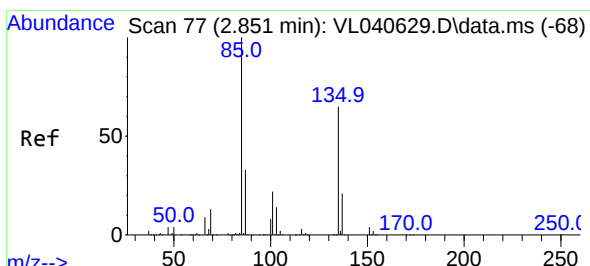
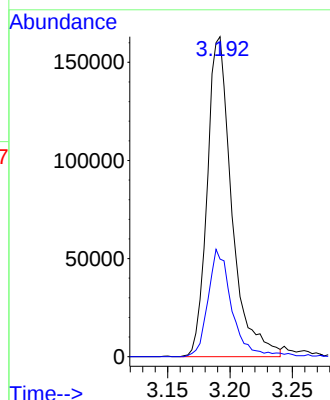
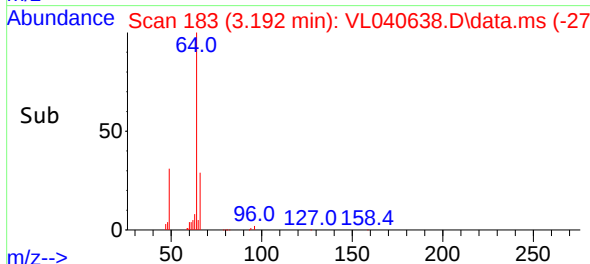
Instrument :
MSVOA_L
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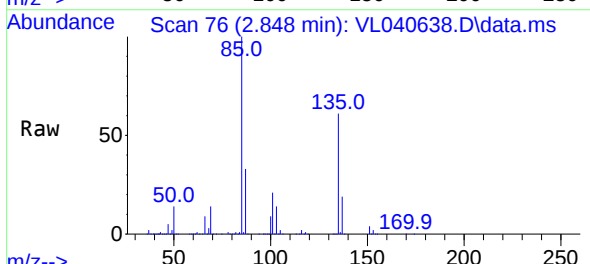
Tgt Ion: 64 Resp: 22379
Ion Ratio Lower Upper
64 100
66 30.5 28.7 43.1

Manual Integrations
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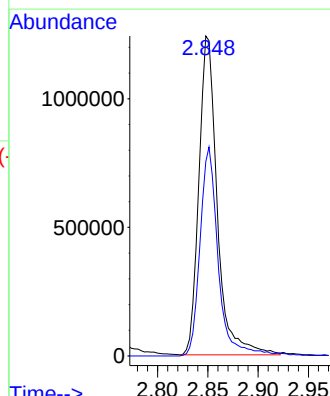
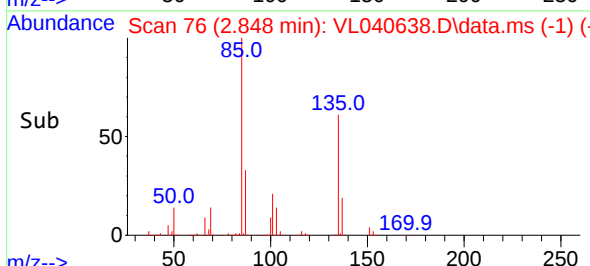
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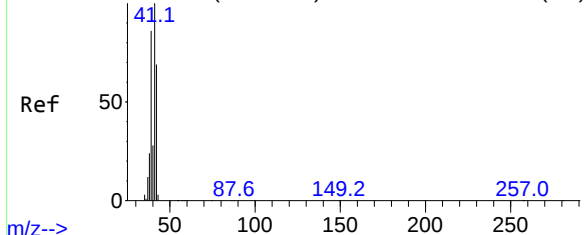
#8
Dichlorotetrafluoroethane
Concen: 9.439 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 85 Resp: 1573422
Ion Ratio Lower Upper
85 100
135 65.6 52.8 79.2



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9
Propene
Concen: 8.479 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01

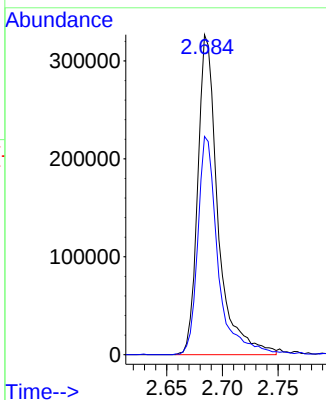
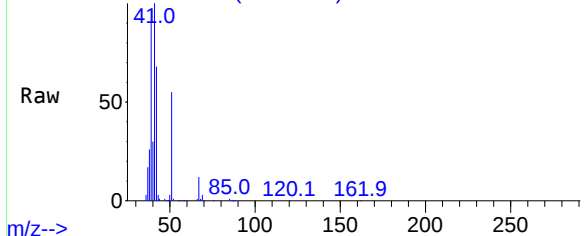
Tgt Ion: 41 Resp: 412448
Ion Ratio Lower Upper
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42 69.3 56.5 84.7

Manual Integrations

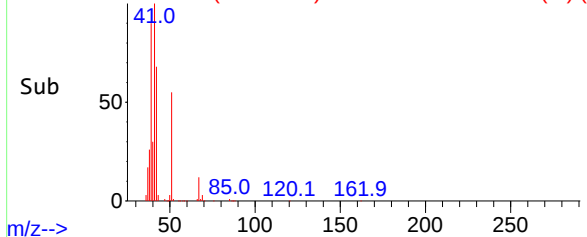
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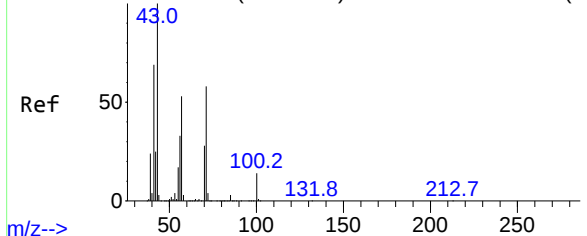
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Abundance Scan 25 (2.684 min): VL040638.D\data.ms (-1)



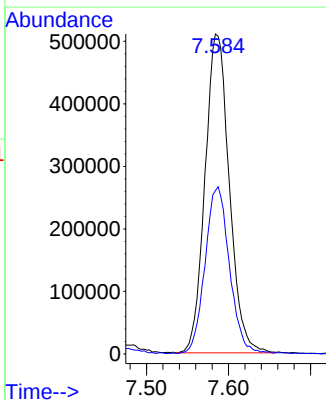
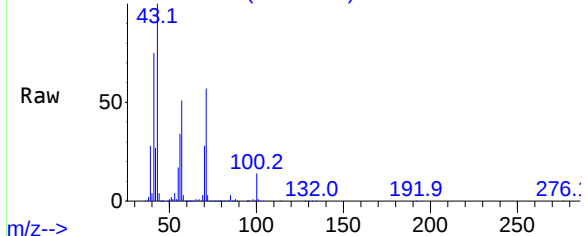
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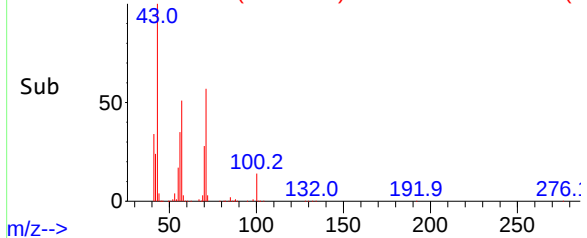
#10
Heptane
Concen: 9.382 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

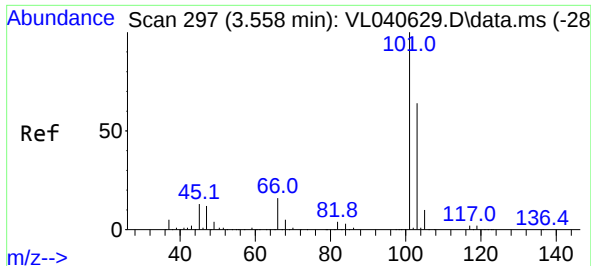
Tgt Ion: 43 Resp: 1050953
Ion Ratio Lower Upper
43 100
57 52.9 42.5 63.7

Abundance Scan 1549 (7.584 min): VL040638.D\data.ms



Abundance Scan 1549 (7.584 min): VL040638.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 10.182 ppbv
 RT: 3.559 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

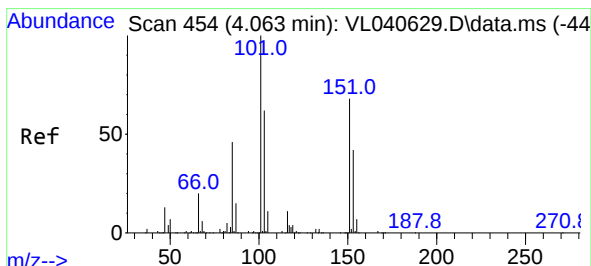
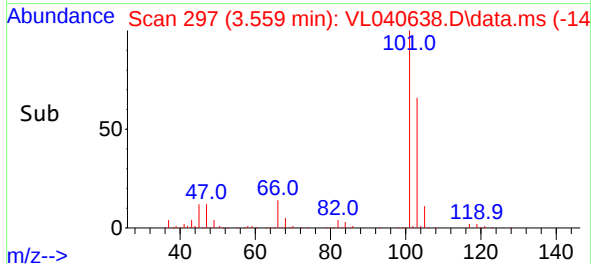
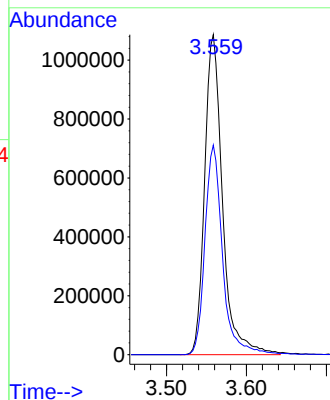
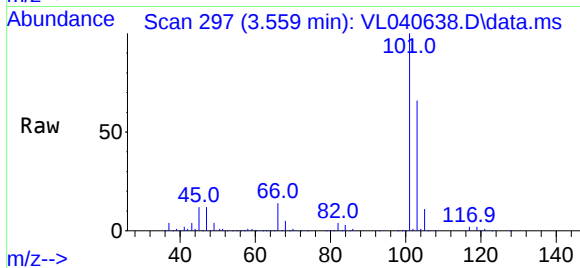
VL0815ABS01

Tgt Ion:101 Resp: 169281
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.1 76.7

Manual Integrations

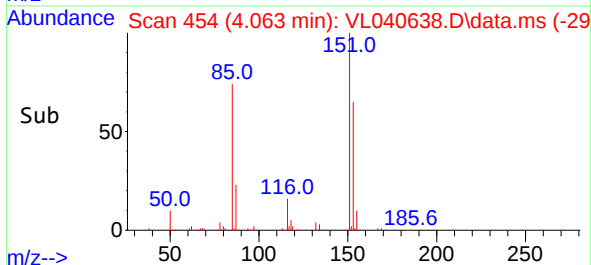
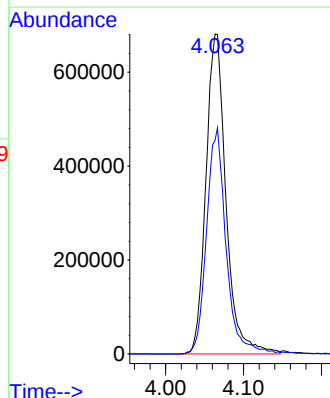
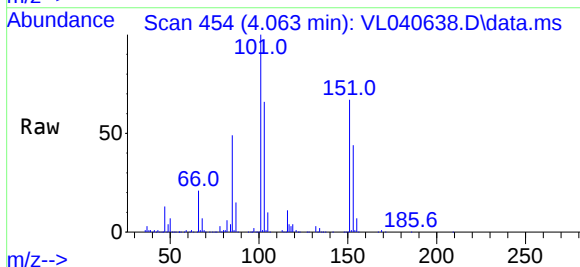
APPROVED

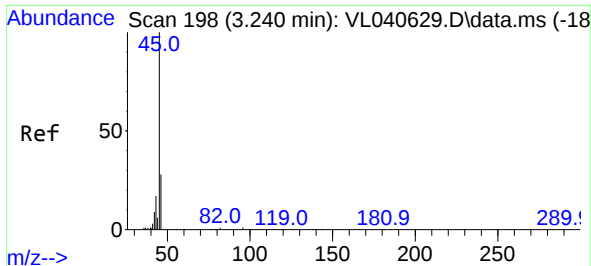
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.868 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.000 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

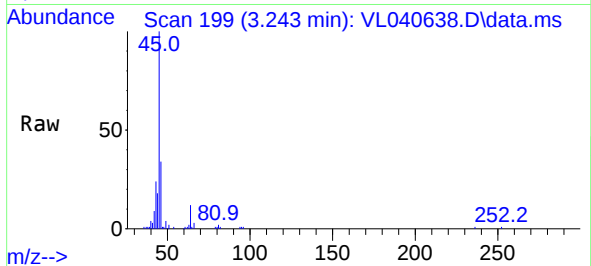
Tgt Ion:101 Resp: 1217754
 Ion Ratio Lower Upper
 101 100
 151 69.1 56.2 84.2





#13
Ethanol
Concen: 7.177 ppbv m
RT: 3.243 min Scan# 198
Delta R.T. 0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

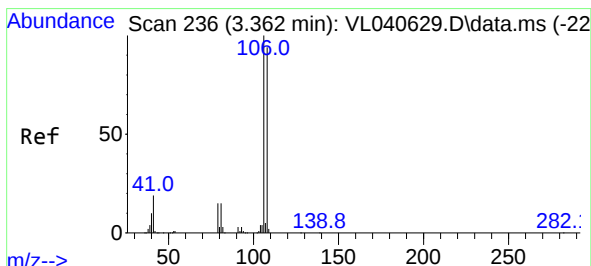
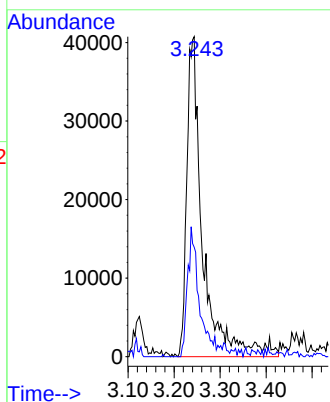
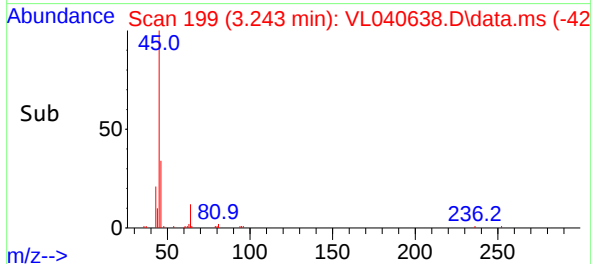
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



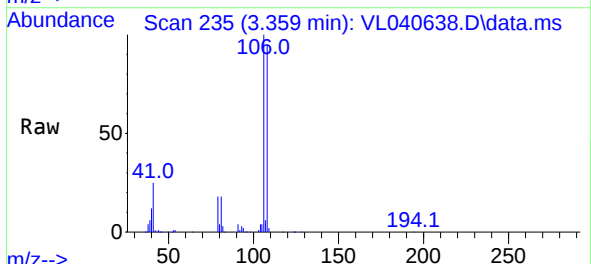
Tgt Ion: 45 Resp: 9743
Ion Ratio Lower Upper
45 100
46 32.6 14.2 56.6

Manual Integrations
APPROVED

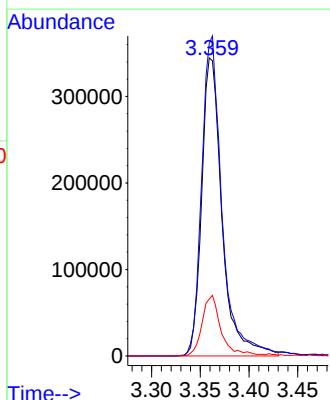
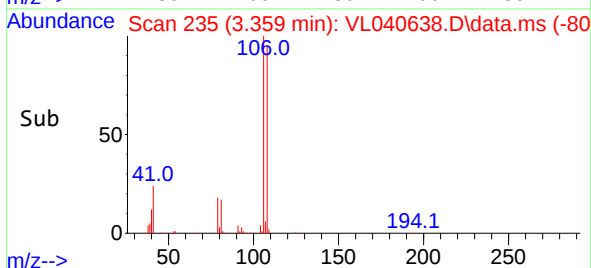
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

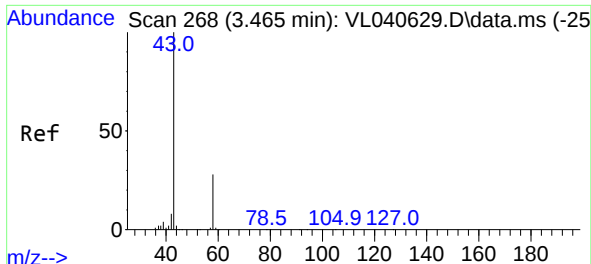


#14
Bromoethene
Concen: 10.003 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



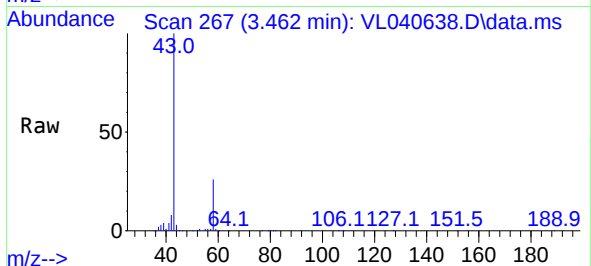
Tgt Ion:108 Resp: 501267
Ion Ratio Lower Upper
108 100
106 108.9 87.3 130.9
79 19.7 14.4 21.6





#15
Acetone
Concen: 9.350 ppbv
RT: 3.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

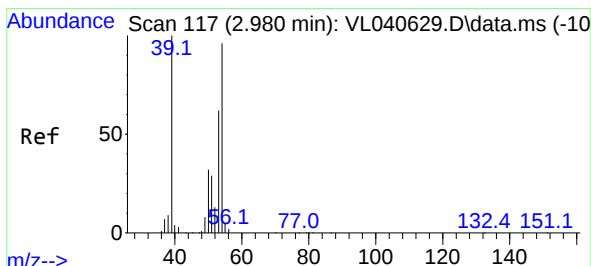
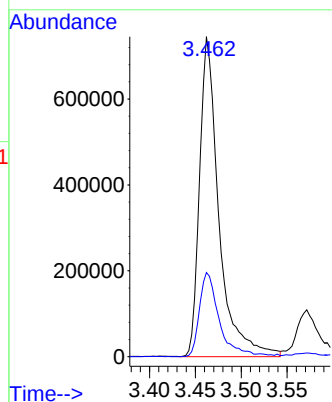
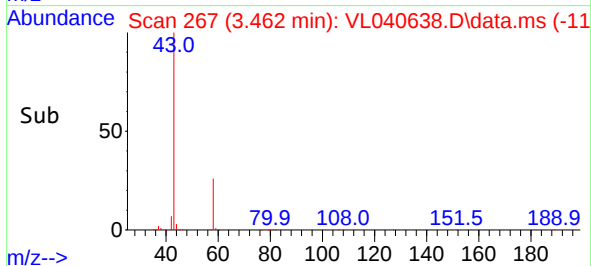
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



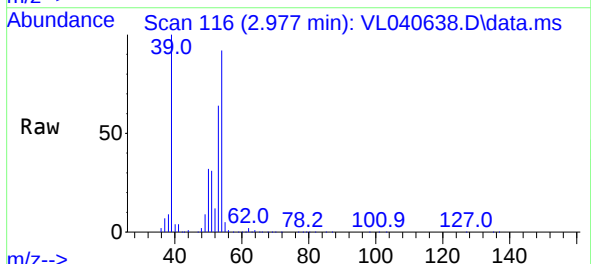
Tgt Ion: 43 Resp: 109350
Ion Ratio Lower Upper
43 100
58 27.1 22.4 33.6

Manual Integrations
APPROVED

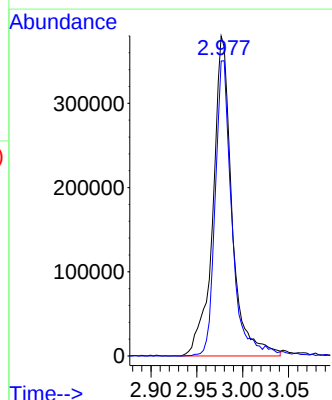
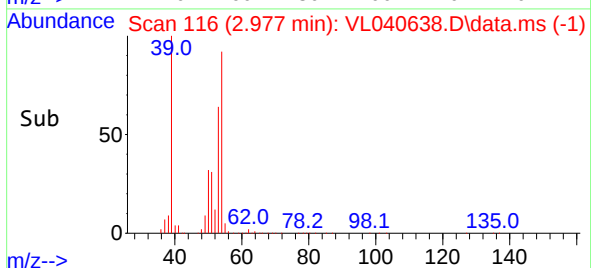
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

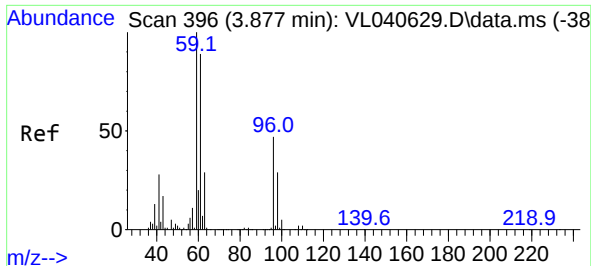


#16
1,3-Butadiene
Concen: 9.478 ppbv
RT: 2.977 min Scan# 116
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 39 Resp: 551236
Ion Ratio Lower Upper
39 100
54 82.1 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.357 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01

Tgt Ion: 59 Resp: 1160504

Ion Ratio Lower Upper

59 100

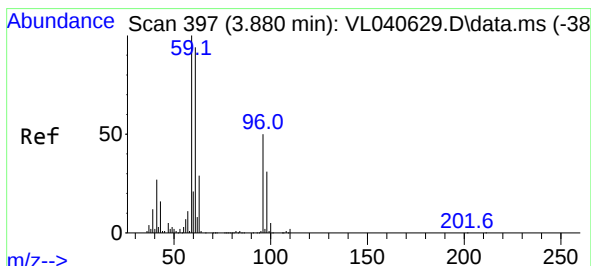
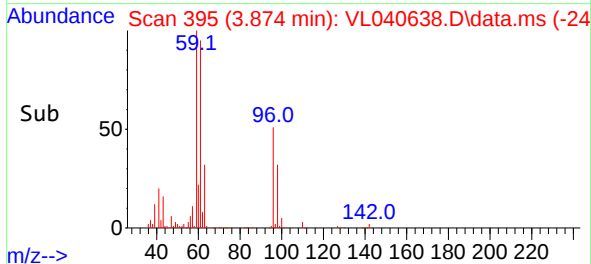
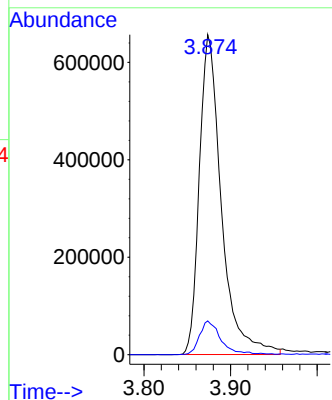
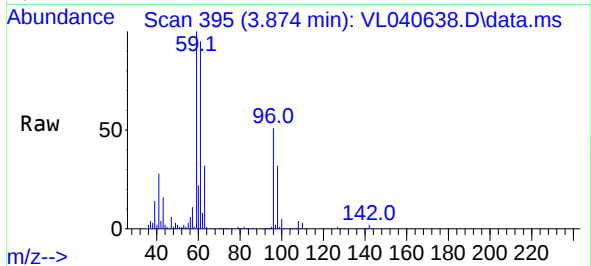
57 10.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#18

1,1-Dichloroethene

Concen: 9.944 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.003 min

Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

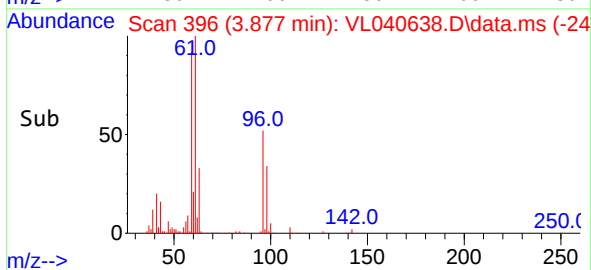
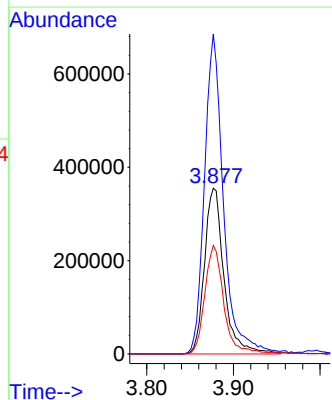
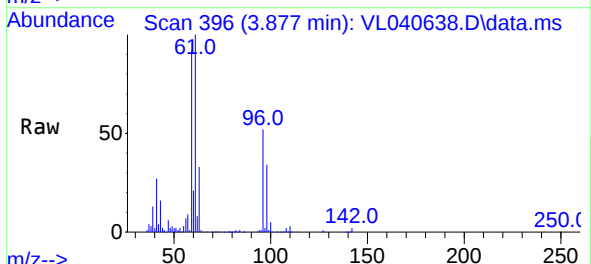
Tgt Ion: 96 Resp: 556131

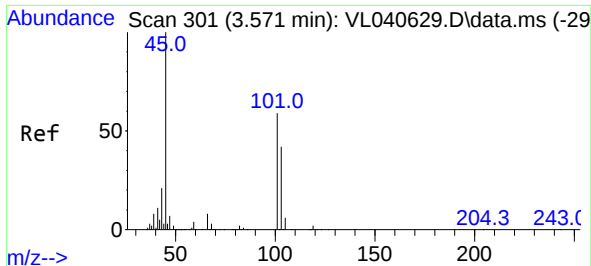
Ion Ratio Lower Upper

96 100

61 193.0 150.4 225.6

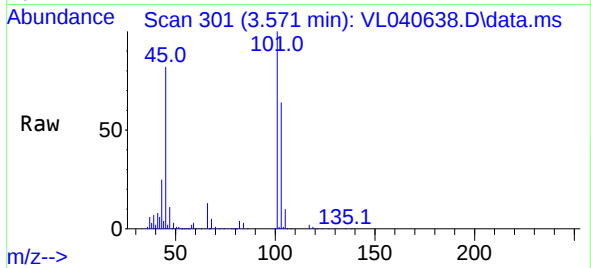
98 65.4 49.7 74.5





#19
Isopropyl Alcohol
Concen: 8.579 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

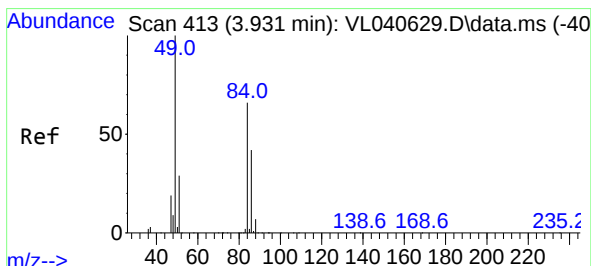
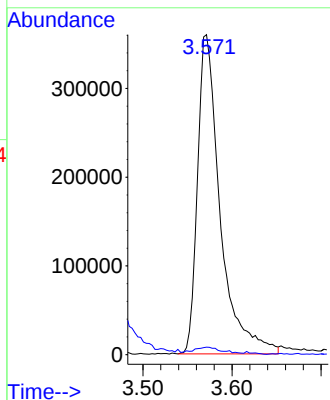
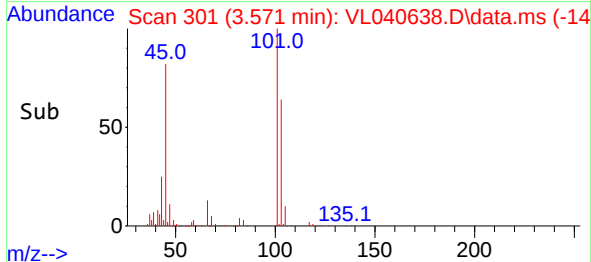
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



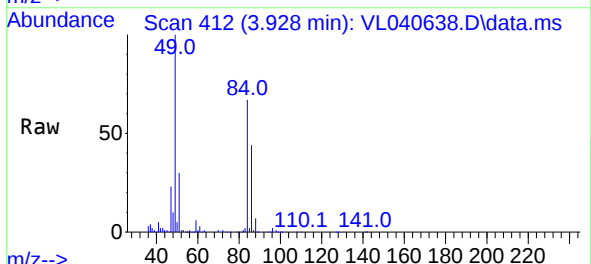
Tgt Ion: 45 Resp: 636164
Ion Ratio Lower Upper
45 100
58 3.2 1.9 2.9

Manual Integrations
APPROVED

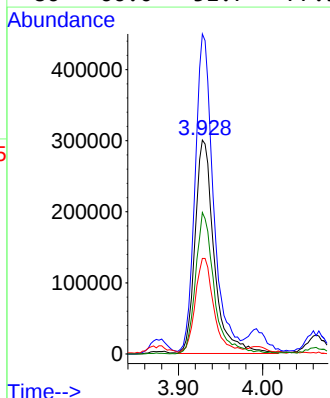
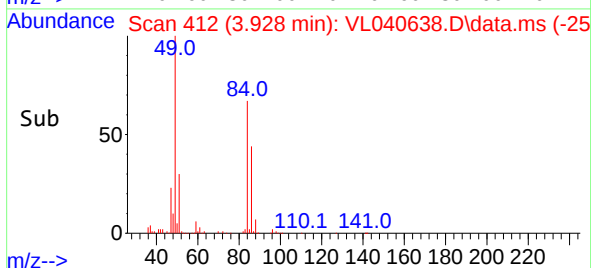
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

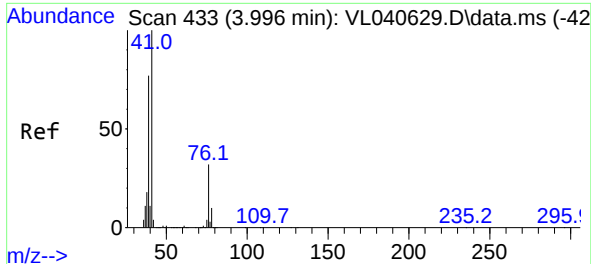


#20
Methylene Chloride
Concen: 8.285 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



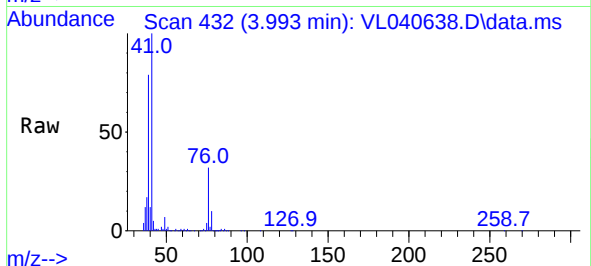
Tgt Ion: 84 Resp: 473521
Ion Ratio Lower Upper
84 100
49 148.7 122.1 183.1
51 43.9 35.4 53.2
86 66.0 51.7 77.5





#21
 Allyl Chloride
 Concen: 9.453 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

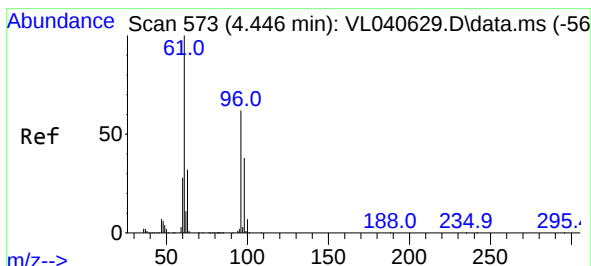
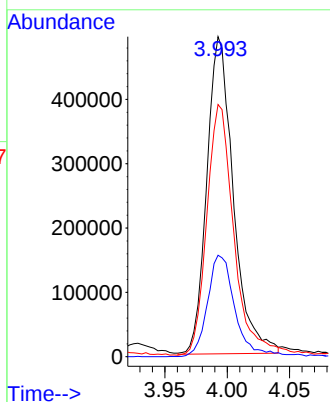
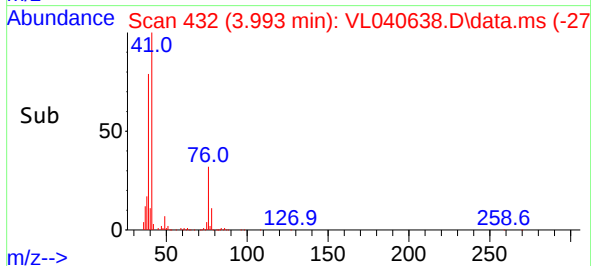
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0815ABS01



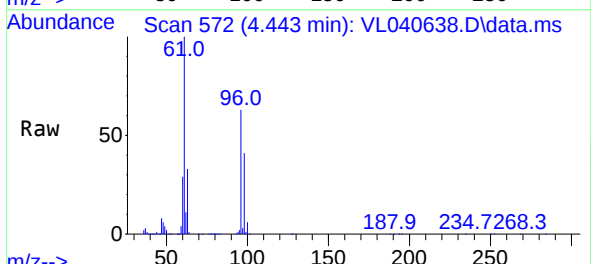
Tgt Ion: 41 Resp: 731238
 Ion Ratio Lower Upper
 41 100
 76 33.3 25.5 38.3
 39 81.8 61.8 92.6

Manual Integrations
 APPROVED

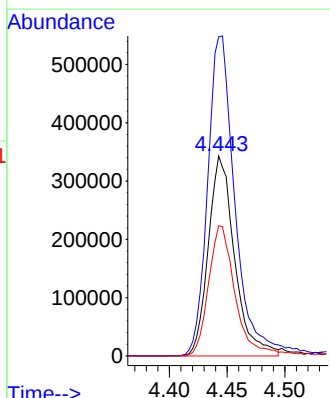
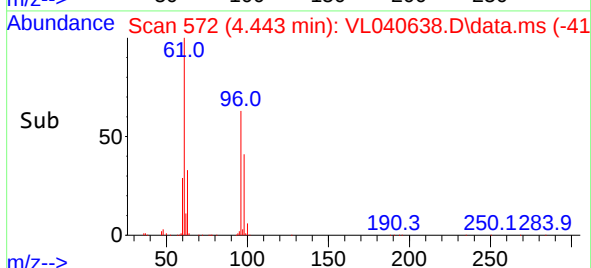
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

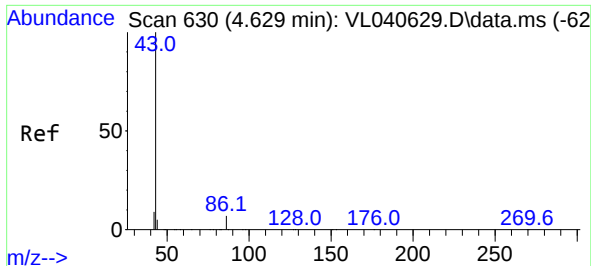


#22
 trans-1,2-Dichloroethene
 Concen: 9.920 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45



Tgt Ion: 96 Resp: 544576
 Ion Ratio Lower Upper
 96 100
 61 159.5 128.1 192.1
 98 65.0 48.1 72.1





#23
 Vinyl Acetate
 Concen: 9.437 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

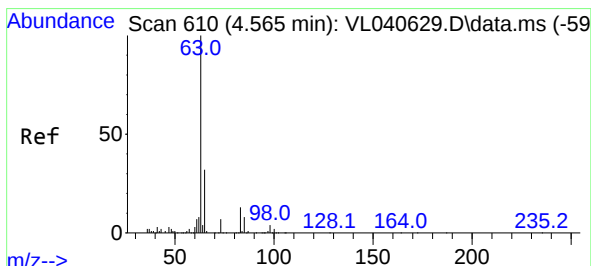
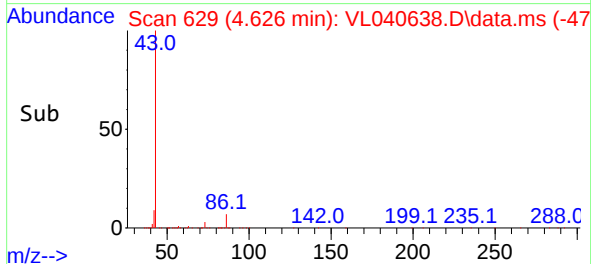
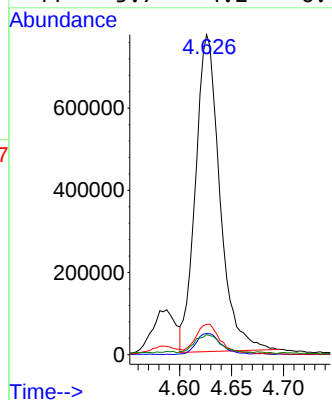
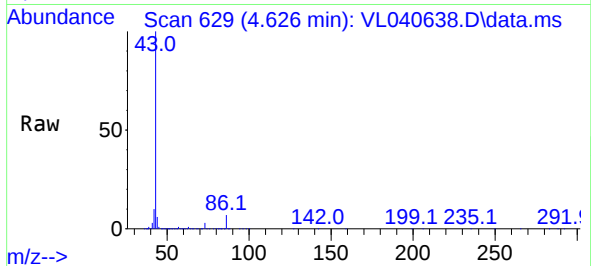
VL0815ABS01

Tgt Ion: 43 Resp: 1257660
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.0 7.6
 42 9.4 7.8 11.8
 44 5.7 4.2 6.4

Manual Integrations

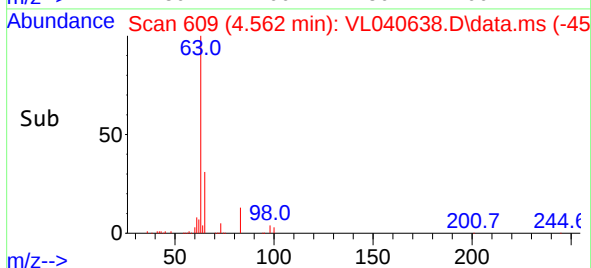
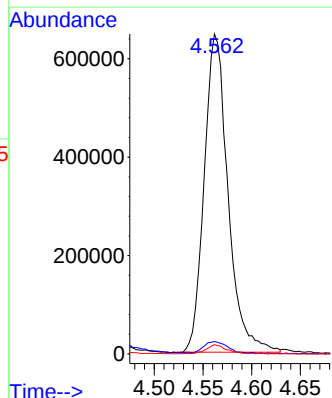
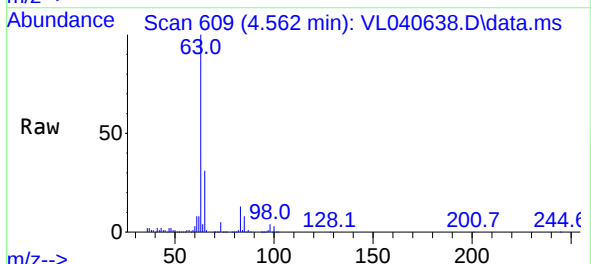
APPROVED

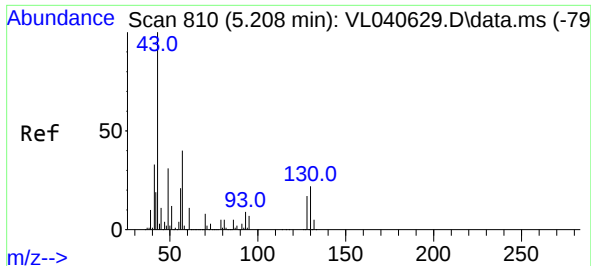
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#24
 1,1-Dichloroethane
 Concen: 9.647 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

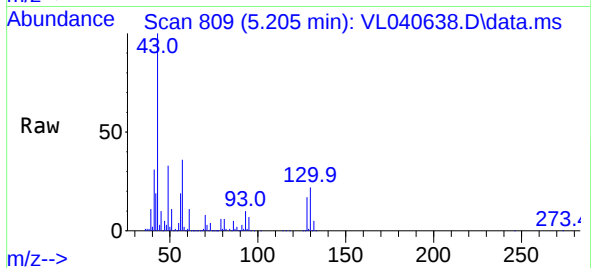
Tgt Ion: 63 Resp: 1099426
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.9 1.1 3.3





#25
Ethyl Acetate
Concen: 8.899 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

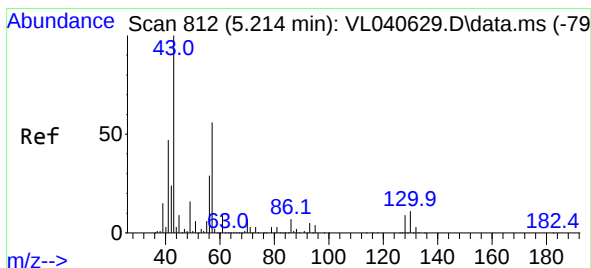
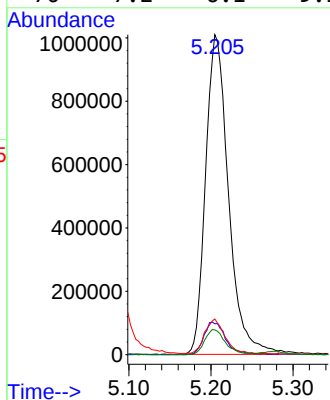
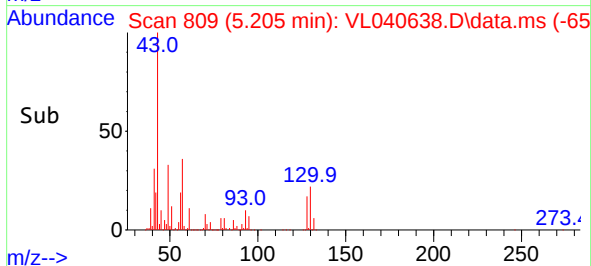
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



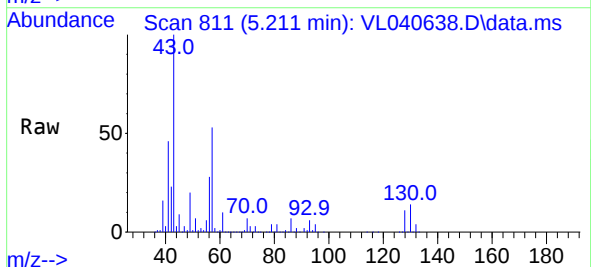
Tgt Ion: 43 Resp: 1954620
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 10.5 8.3 12.5
70 7.2 6.1 9.1

Manual Integrations
APPROVED

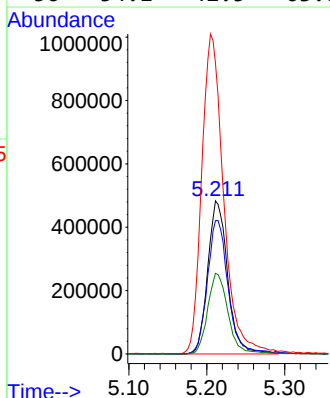
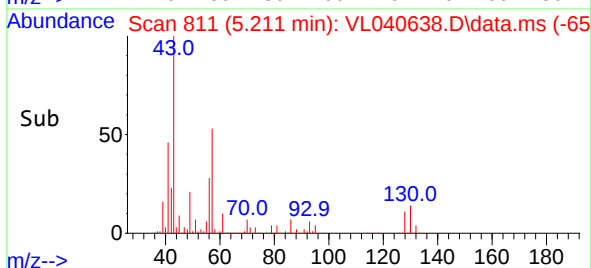
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

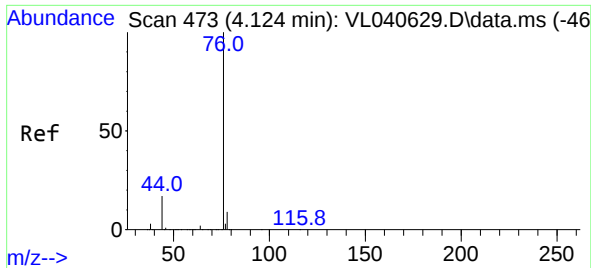


#26
Hexane
Concen: 8.079 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



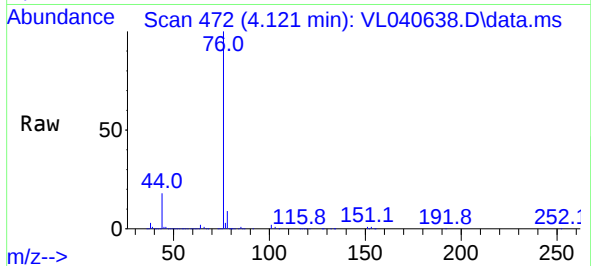
Tgt Ion: 57 Resp: 858598
Ion Ratio Lower Upper
57 100
41 91.8 69.3 103.9
43 229.5 177.9 266.9
56 54.1 42.5 63.7





#27
Carbon Disulfide
Concen: 10.837 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

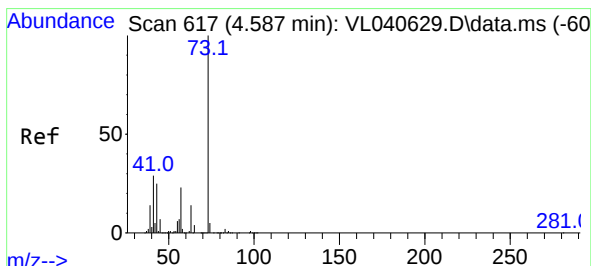
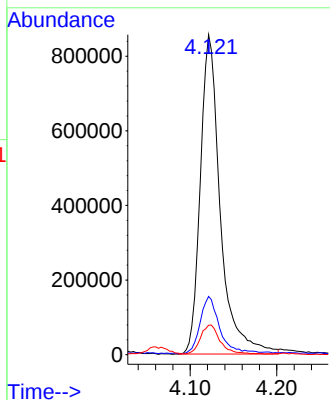
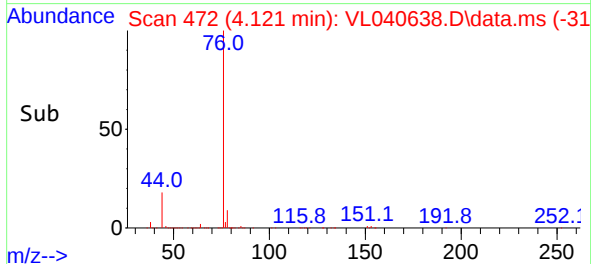
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



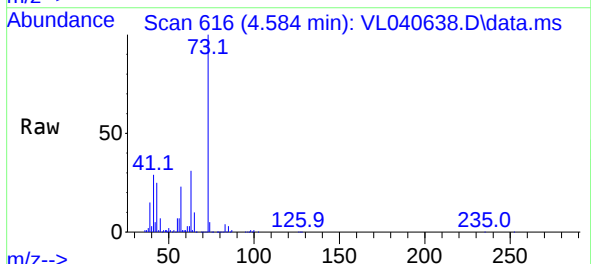
Tgt Ion: 76 Resp: 1371050
Ion Ratio Lower Upper
76 100
44 17.9 14.3 21.5
78 10.2 7.4 11.0

Manual Integrations
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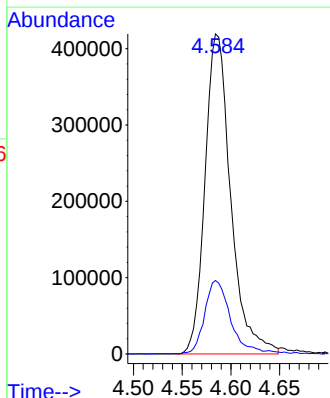
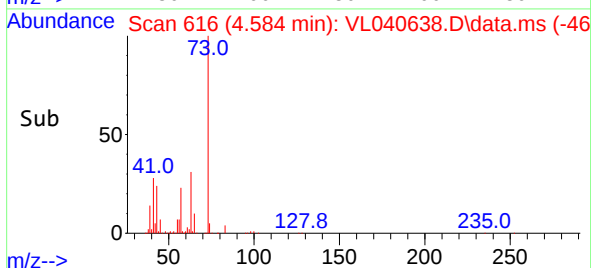
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

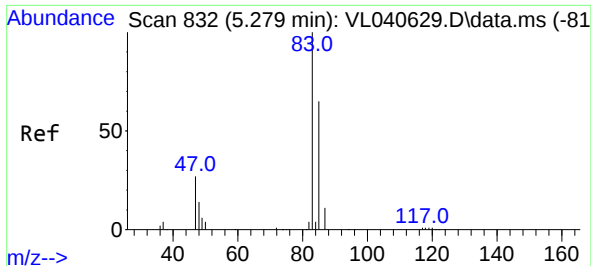


#28
Methyl tert-Butyl Ether
Concen: 9.373 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 73 Resp: 770096
Ion Ratio Lower Upper
73 100
57 23.8 18.9 28.3





#29

Chloroform

Concen: 9.125 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01

Tgt Ion: 83 Resp: 1534890

Ion Ratio Lower Upper

83 100

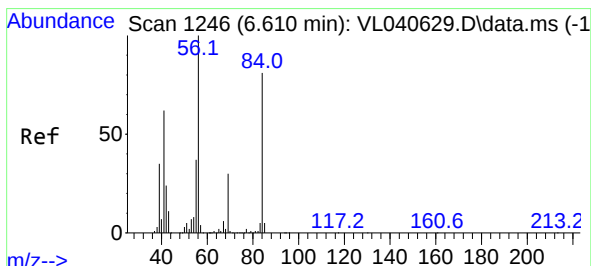
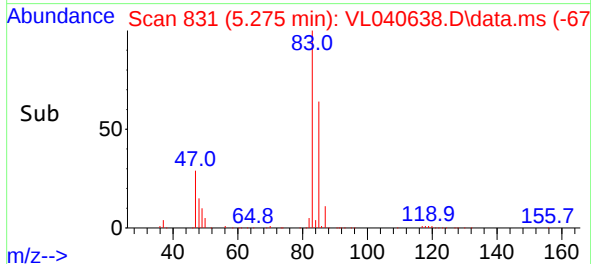
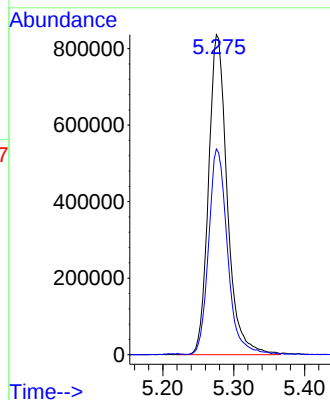
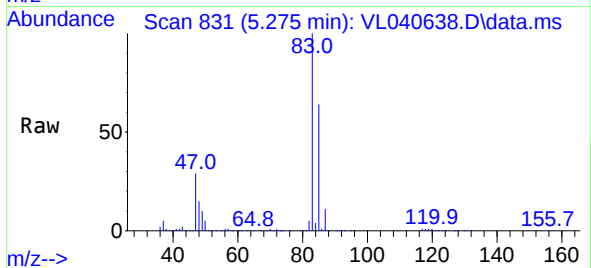
85 64.1 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#30

Cyclohexane

Concen: 8.780 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

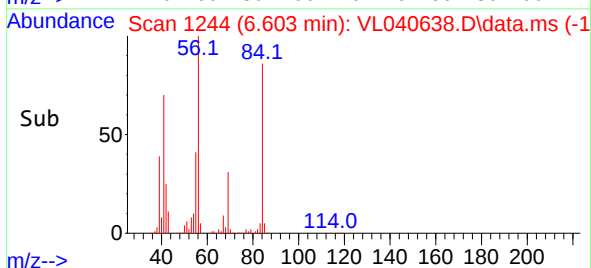
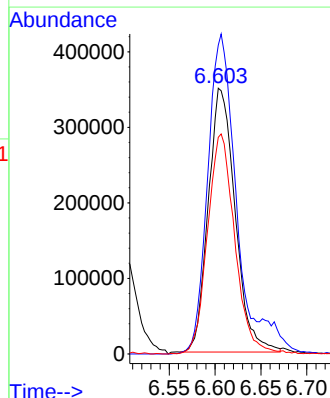
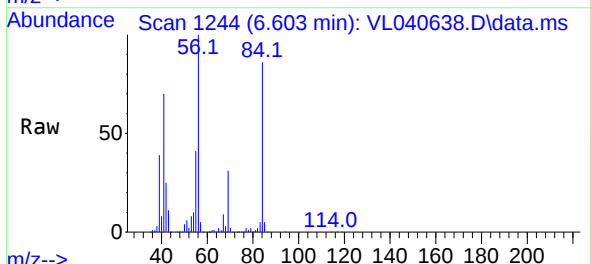
Tgt Ion: 84 Resp: 713917

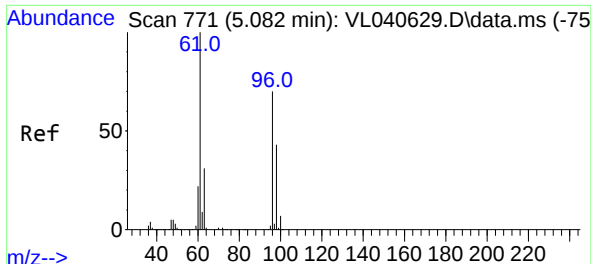
Ion Ratio Lower Upper

84 100

56 132.8 105.4 158.2

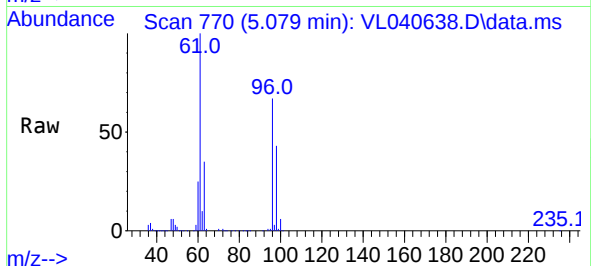
41 84.9 64.2 96.2





#31
cis-1,2-Dichloroethene
Concen: 9.245 ppbv
RT: 5.079 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

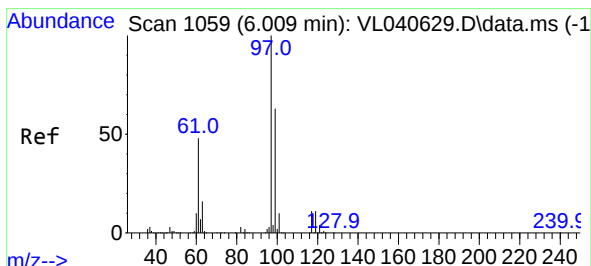
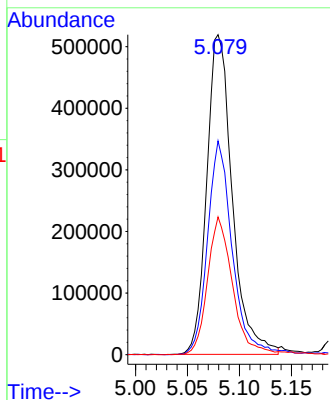
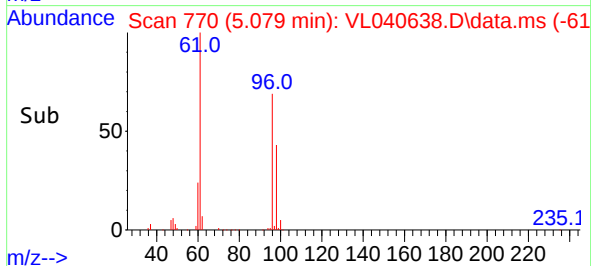
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



Tgt Ion: 61 Resp: 886710
Ion Ratio Lower Upper
61 100
96 66.8 55.8 83.6
98 43.0 34.8 52.2

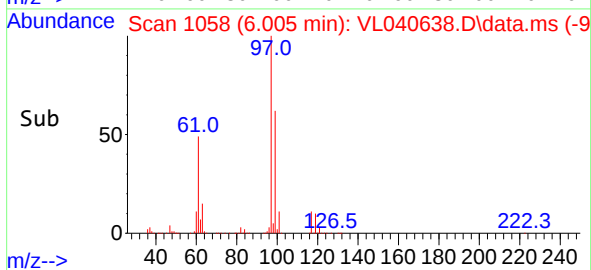
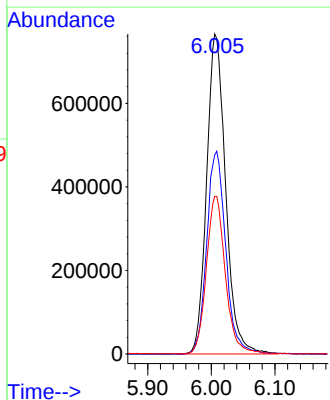
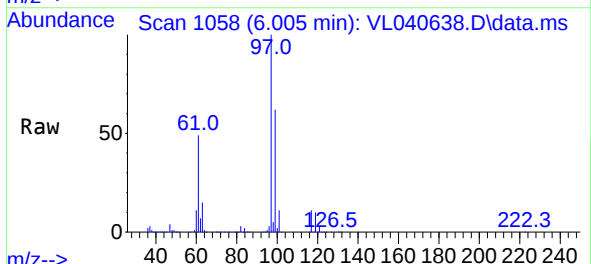
Manual Integrations
APPROVED

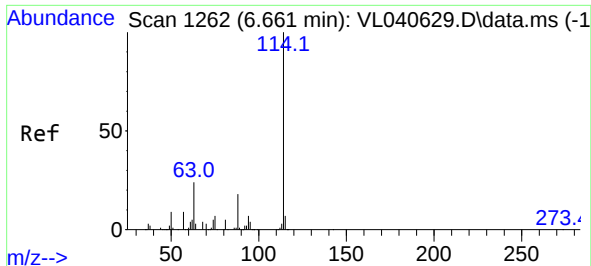
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#32
1,1,1-Trichloroethane
Concen: 9.883 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Tgt Ion: 97 Resp: 1591921
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 49.5 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040638.D

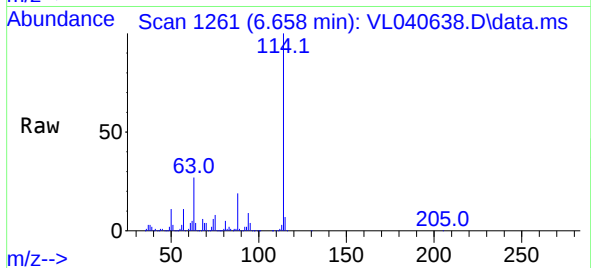
Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01



Tgt Ion:114 Resp: 2444669

Ion Ratio Lower Upper

114 100

63 26.7 20.2 30.2

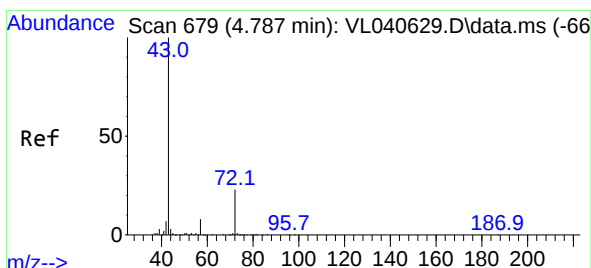
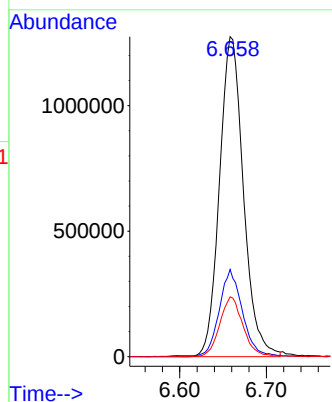
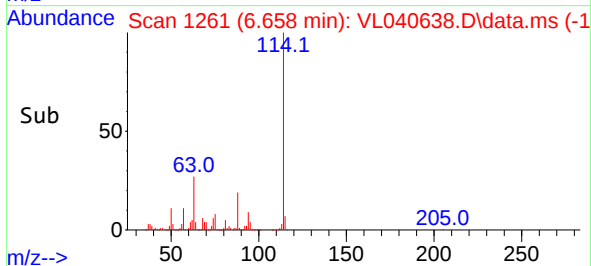
88 18.2 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#34

2-Butanone

Concen: 9.561 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL040638.D

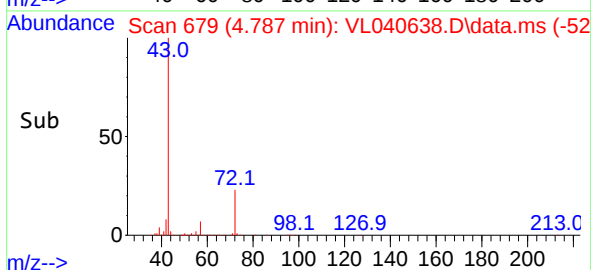
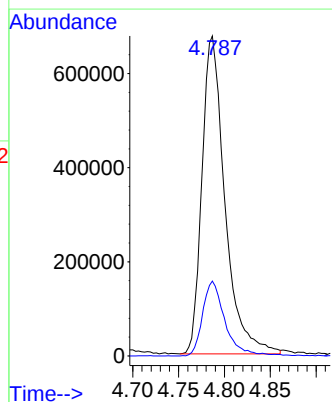
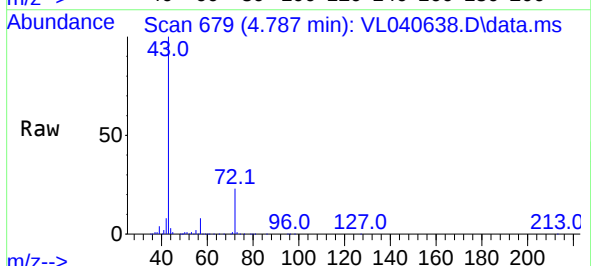
Acq: 15 Aug 2023 18:45

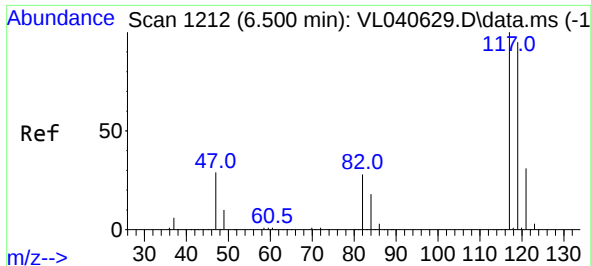
Tgt Ion: 43 Resp: 1178672

Ion Ratio Lower Upper

43 100

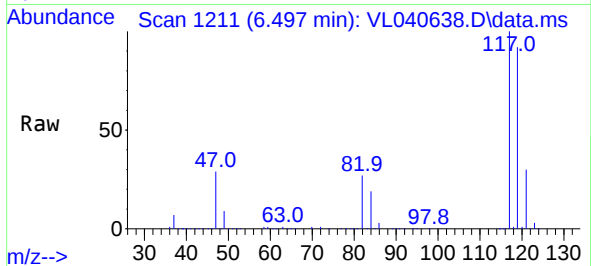
72 23.4 19.2 28.8





#35
Carbon Tetrachloride
Concen: 10.809 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

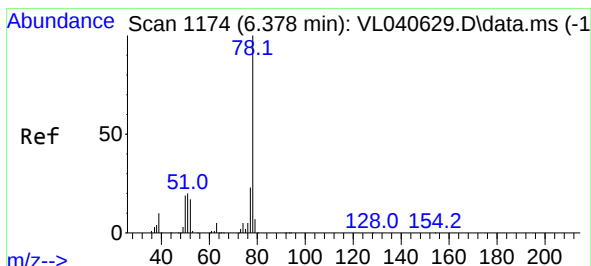
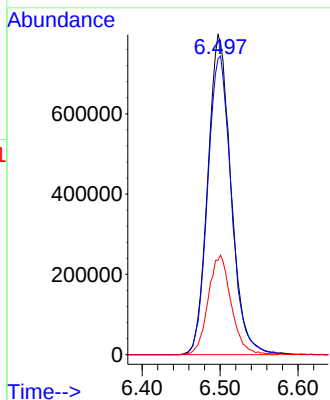
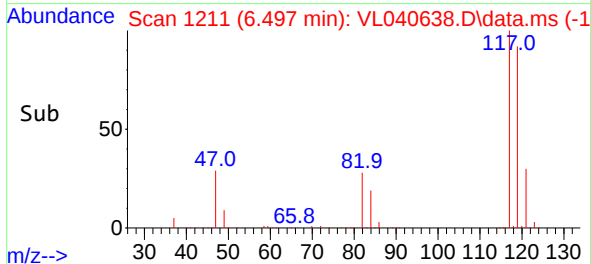
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



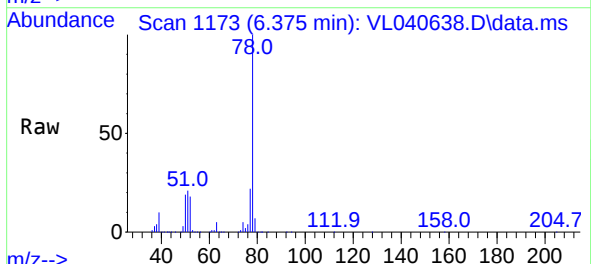
Tgt Ion:117 Resp: 165338
Ion Ratio Lower Upper
117 100
119 92.5 75.6 113.4
121 29.5 24.9 37.3

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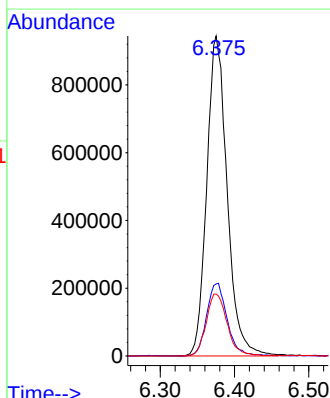
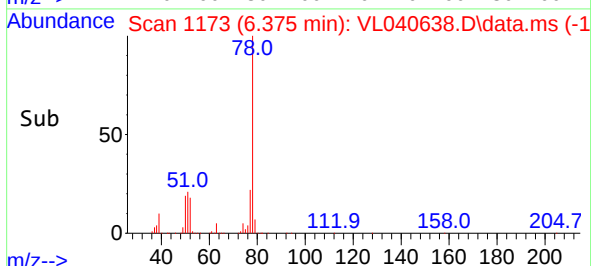
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

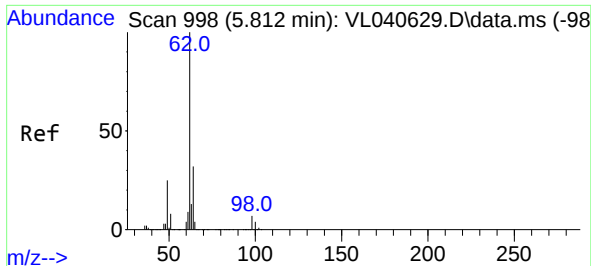


#36
Benzene
Concen: 9.243 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 78 Resp: 1797596
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 19.3 15.0 22.6





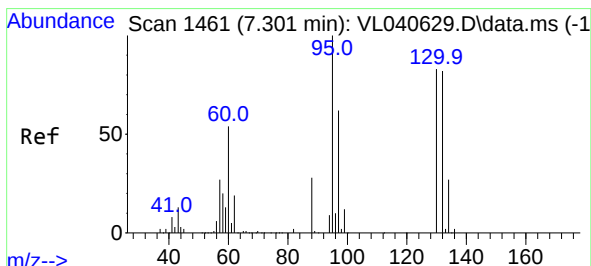
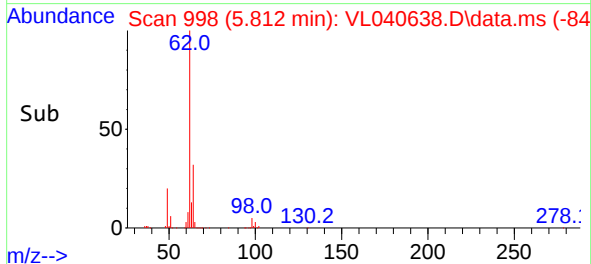
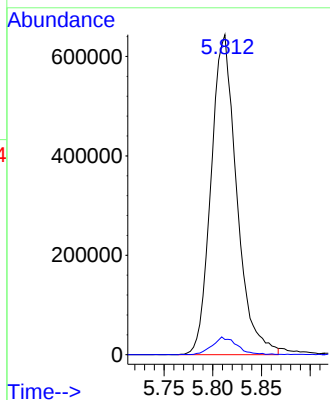
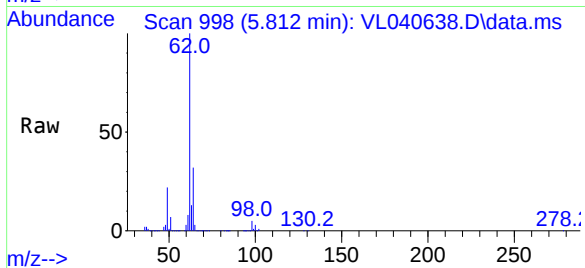
#37
1,2-Dichloroethane
Concen: 10.056 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01

Tgt Ion: 62 Resp: 117952
Ion Ratio Lower Upper
62 100
98 5.4 4.9 7.3

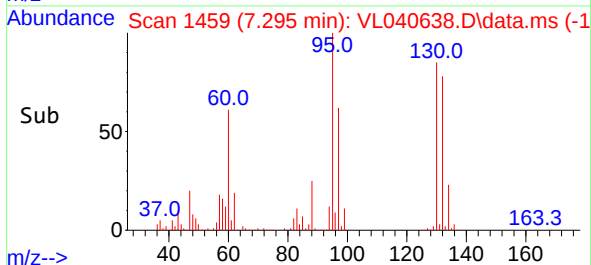
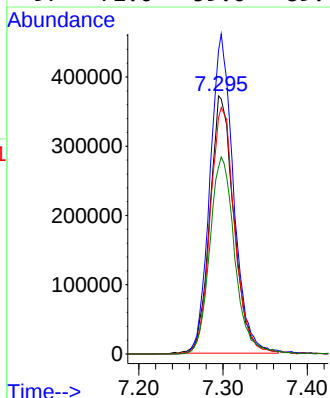
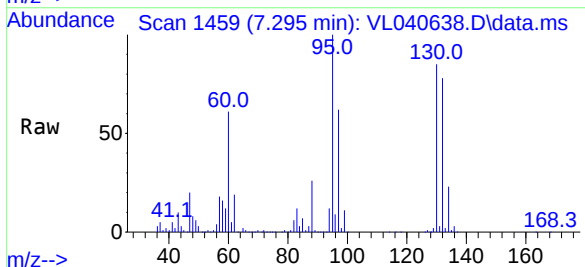
Manual Integrations
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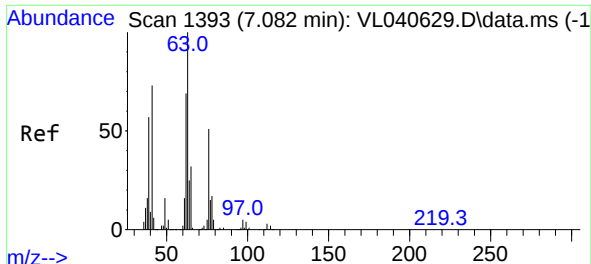
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Trichloroethene
Concen: 9.745 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Tgt Ion:130 Resp: 733889
Ion Ratio Lower Upper
130 100
95 117.7 95.9 143.9
132 91.6 79.0 118.4
97 72.6 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.196 ppbv

RT: 7.079 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01

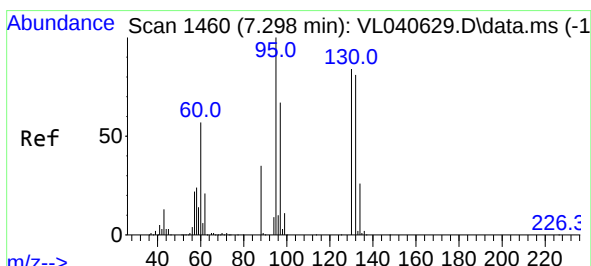
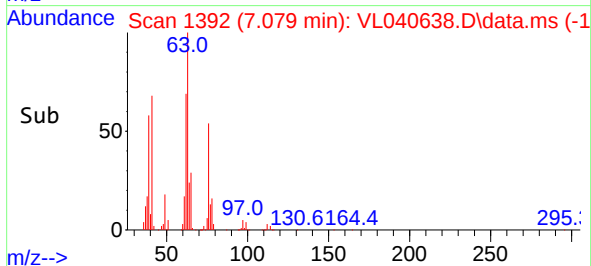
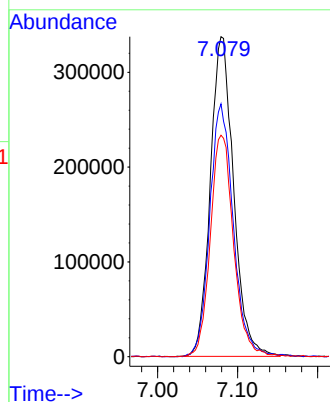
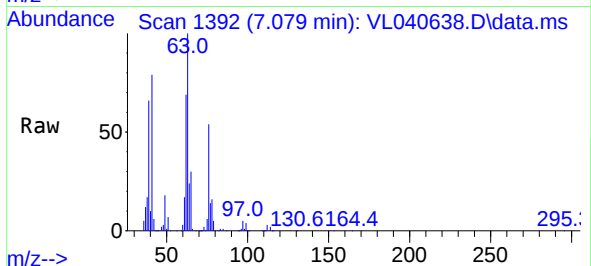
Tgt Ion: 63 Resp: 68044

Ion	Ratio	Lower	Upper
63	100		
41	79.0	58.2	87.2
62	69.2	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40

1,4-Dioxane

Concen: 7.784 ppbv

RT: 7.295 min Scan# 1459

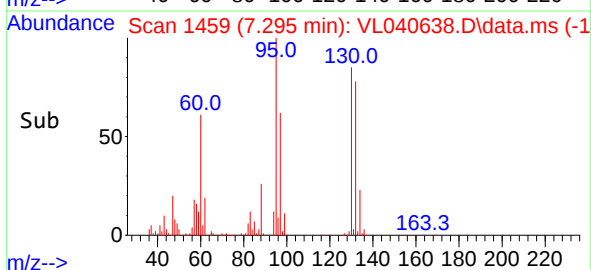
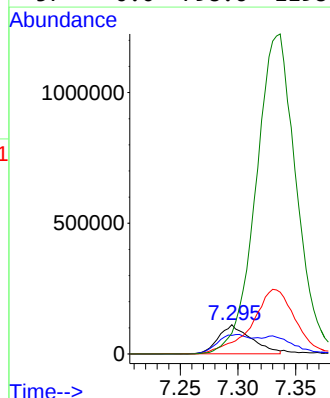
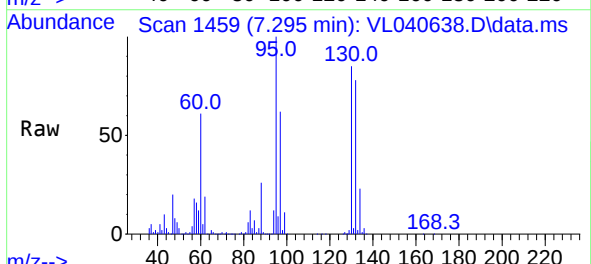
Delta R.T. -0.003 min

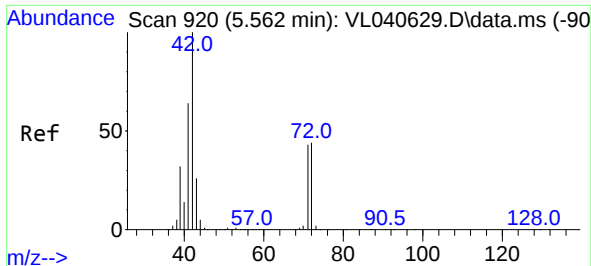
Lab File: VL040638.D

Acq: 15 Aug 2023 18:45

Tgt Ion: 88 Resp: 218202

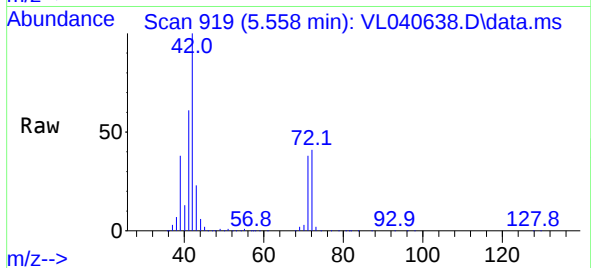
Ion	Ratio	Lower	Upper
88	100		
58	138.8	92.8	139.2
43	0.0	179.1	268.7#
57	0.0	798.6	1198.0#





#41
Tetrahydrofuran
Concen: 9.213 ppbv
RT: 5.558 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

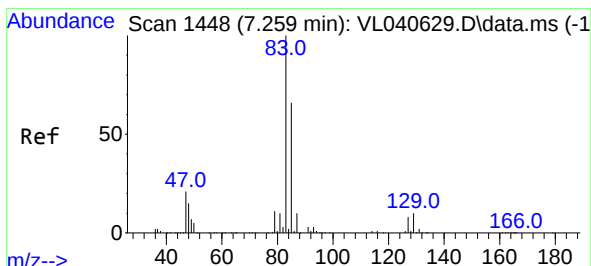
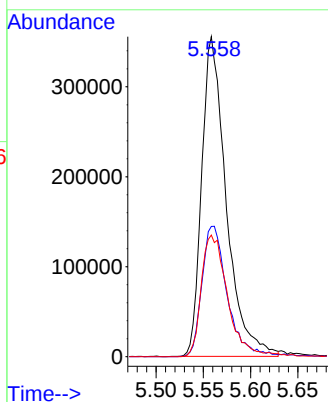
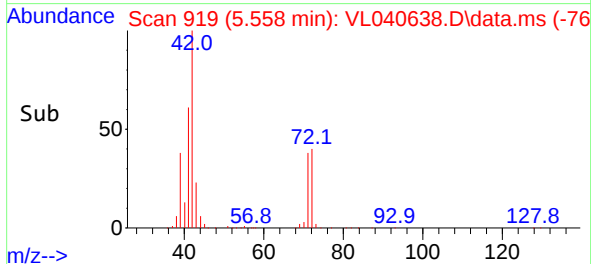
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



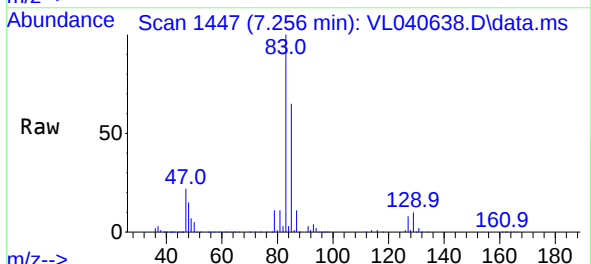
Tgt Ion: 42 Resp: 641970
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.4
71 41.2 33.4 50.0

Manual Integrations
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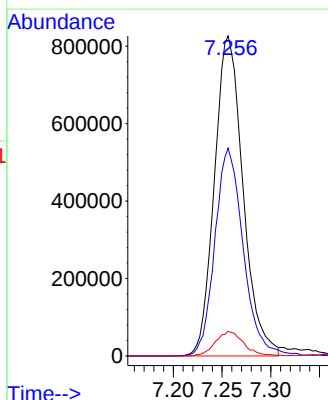
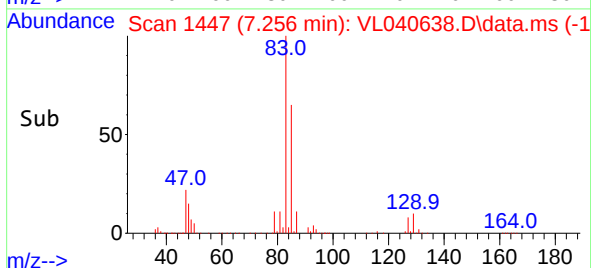
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

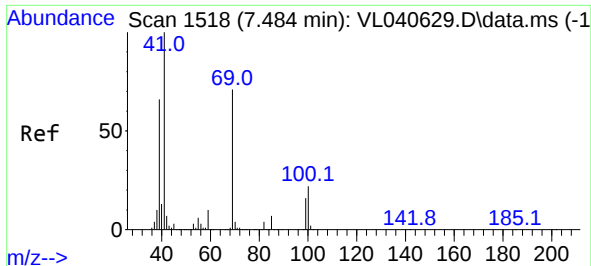


#42
Bromodichloromethane
Concen: 10.337 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



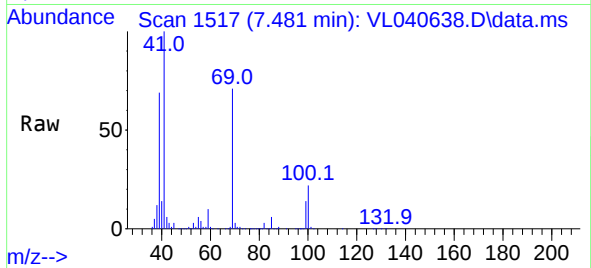
Tgt Ion: 83 Resp: 1687634
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7
127 7.7 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.302 ppbv
RT: 7.481 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

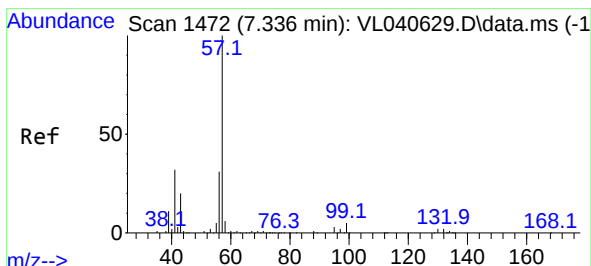
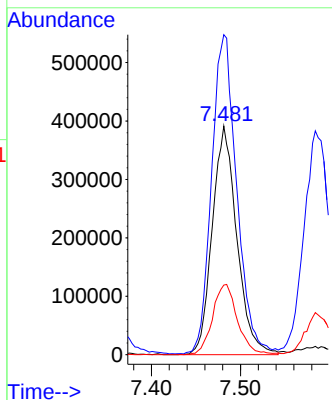
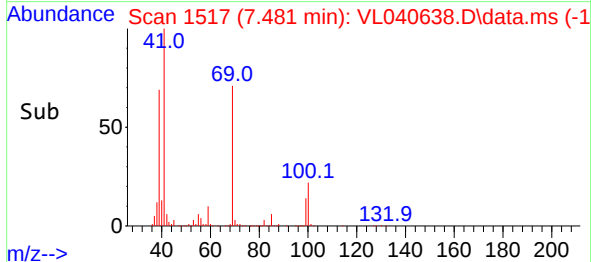
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



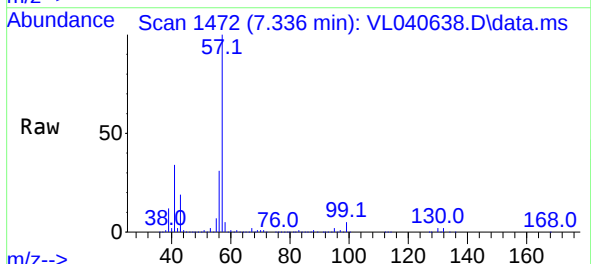
Tgt Ion: 69 Resp: 750208
Ion Ratio Lower Upper
69 100
41 143.3 111.8 167.8
100 31.2 25.8 38.6

Manual Integrations
APPROVED

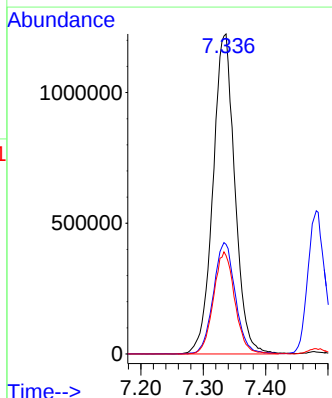
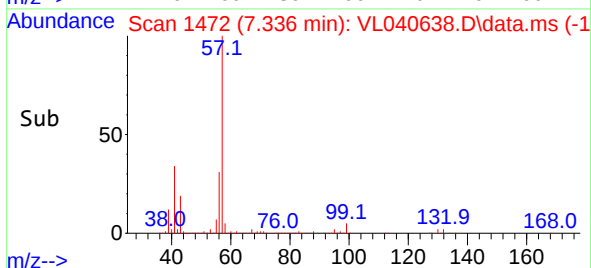
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

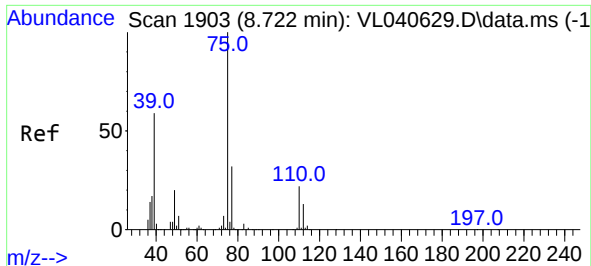


#44
2,2,4-Trimethylpentane
Concen: 9.481 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



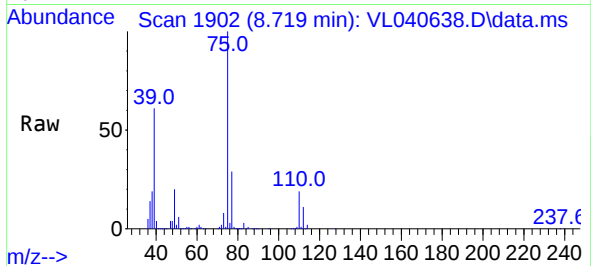
Tgt Ion: 57 Resp: 2980381
Ion Ratio Lower Upper
57 100
41 34.9 26.2 39.4
56 31.1 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 11.411 ppbv
RT: 8.719 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

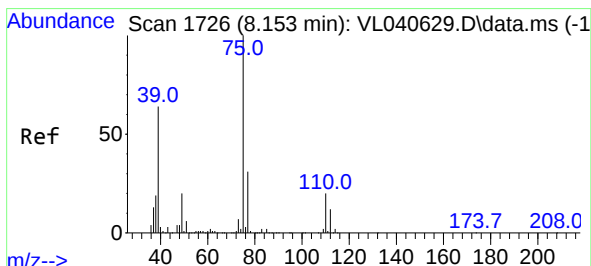
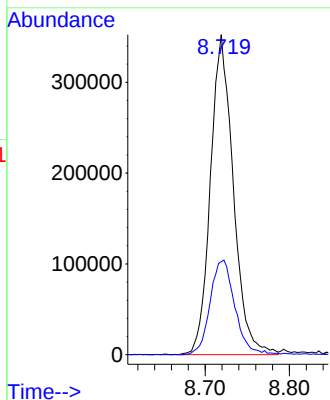
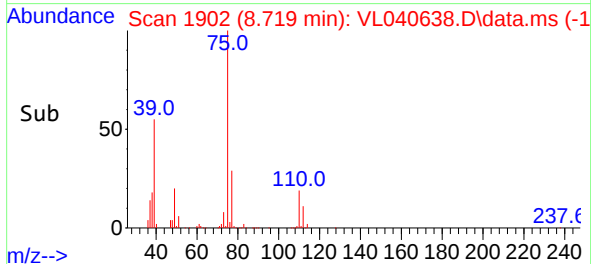
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



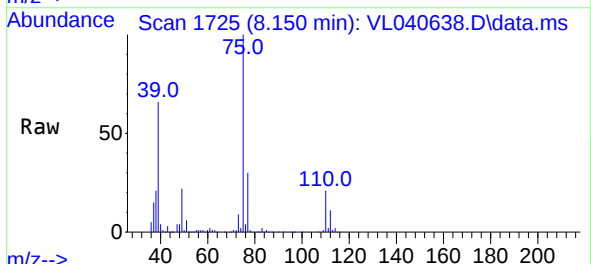
Tgt Ion: 75 Resp: 663600
Ion Ratio Lower Upper
75 100
77 29.1 25.6 38.4

Manual Integrations
APPROVED

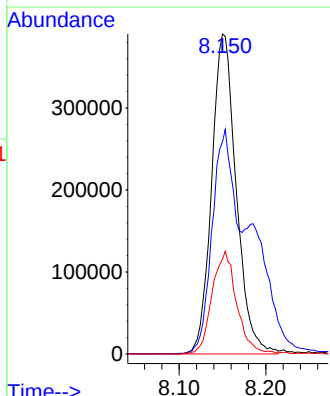
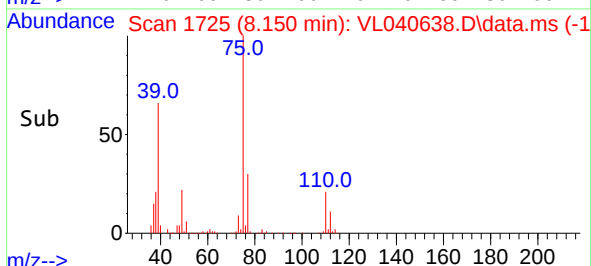
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

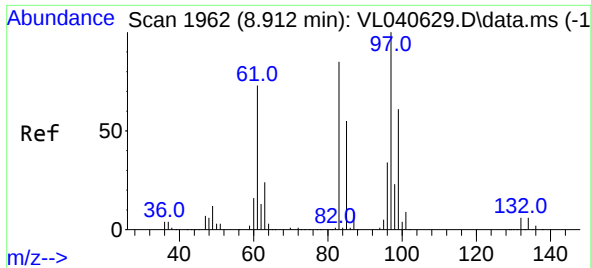


#46
cis-1,3-Dichloropropene
Concen: 10.857 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 75 Resp: 770209
Ion Ratio Lower Upper
75 100
39 66.2 51.0 76.4
77 29.6 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 9.401 ppbv
RT: 8.906 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABS01

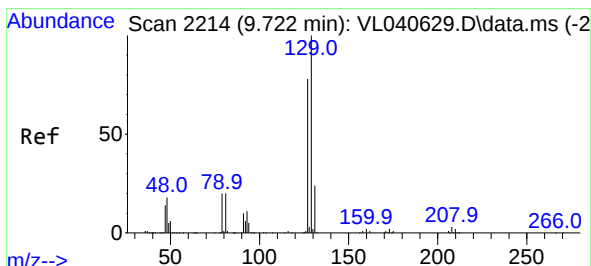
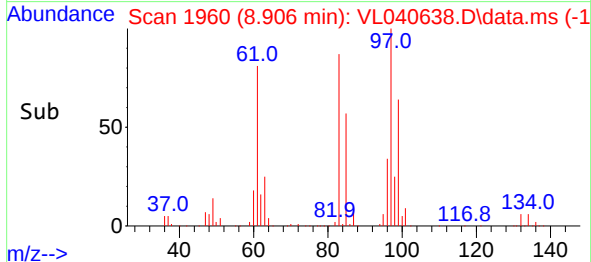
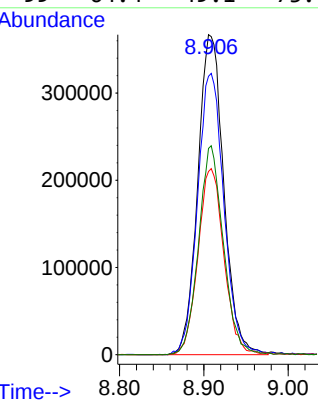
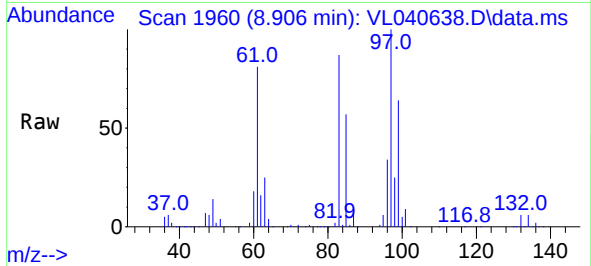
Tgt Ion: 97 Resp: 78577

Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.8	101.8
85	57.3	44.0	66.0
99	64.4	49.1	73.7

Manual Integrations

APPROVED

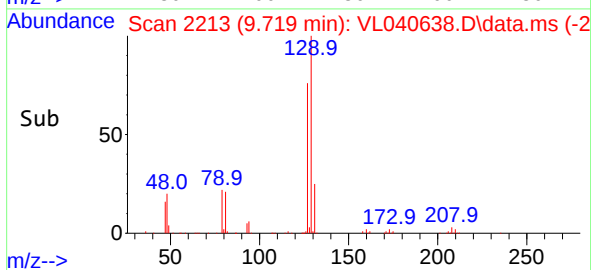
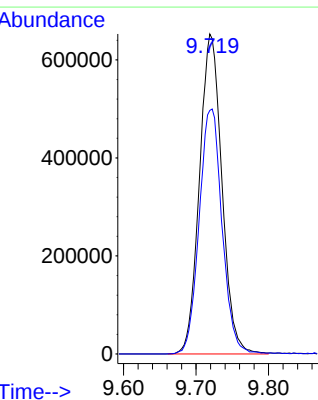
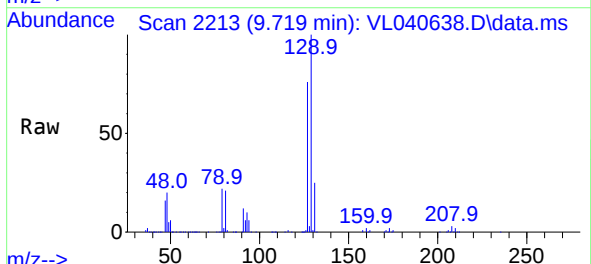
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

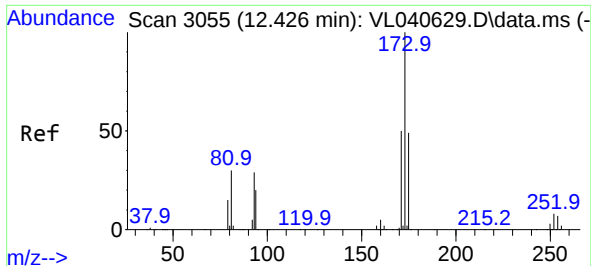


#48
Dibromochloromethane
Concen: 10.715 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Tgt Ion:129 Resp: 1401589

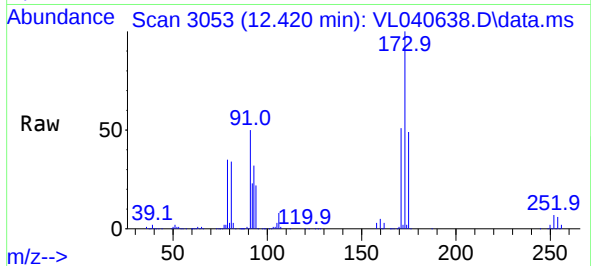
Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.9	116.7





#49
Bromoform
Concen: 11.180 ppbv
RT: 12.420 min Scan# 3055
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

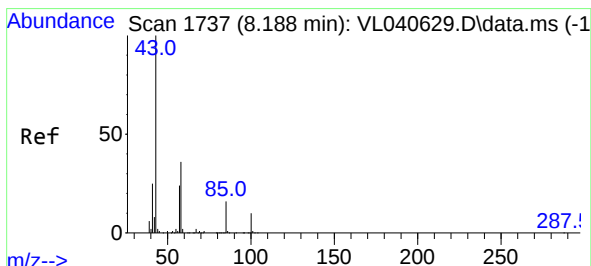
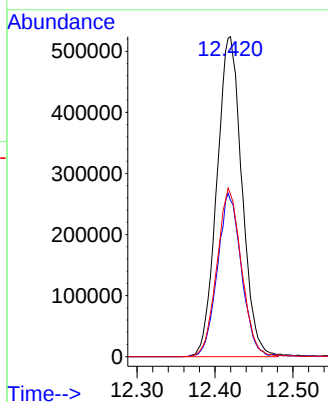
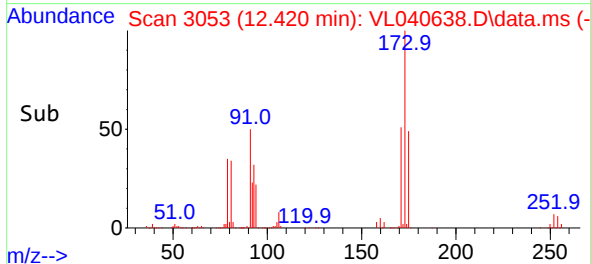
Instrument : MSVOA_L
ClientSampleId : VL0815ABS01



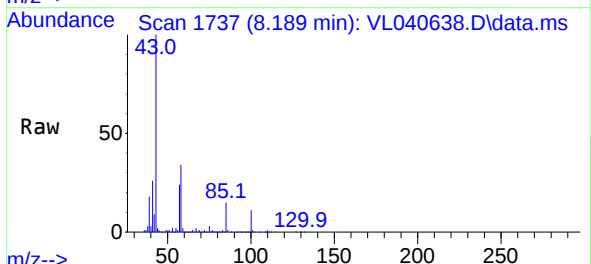
Tgt Ion: 173 Resp: 1171740
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
171 51.8 41.9 62.9

Manual Integrations
APPROVED

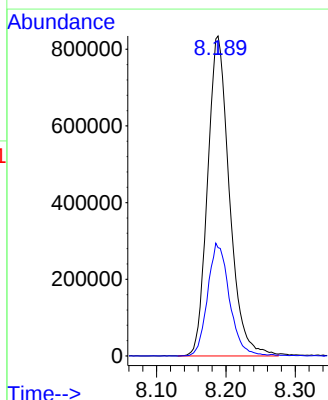
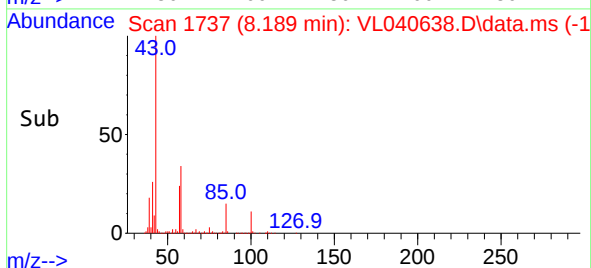
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

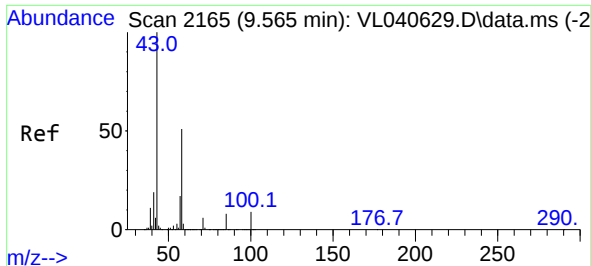


#50
4-Methyl-2-Pentanone
Concen: 10.140 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



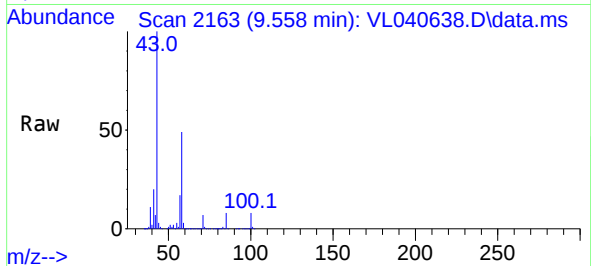
Tgt Ion: 43 Resp: 1826158
Ion Ratio Lower Upper
43 100
58 35.5 29.2 43.8





#51
2-Hexanone
Concen: 10.514 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

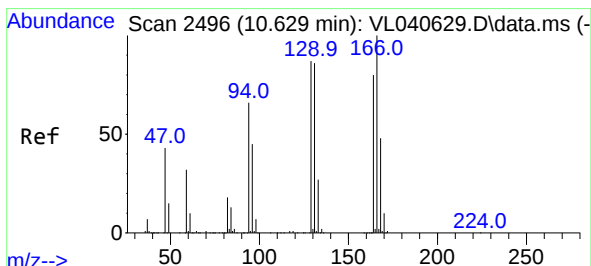
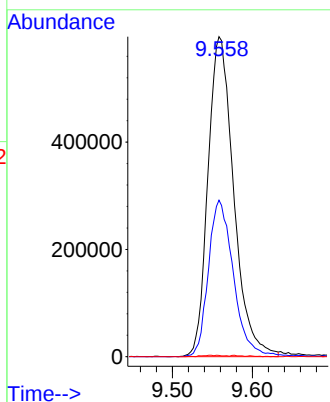
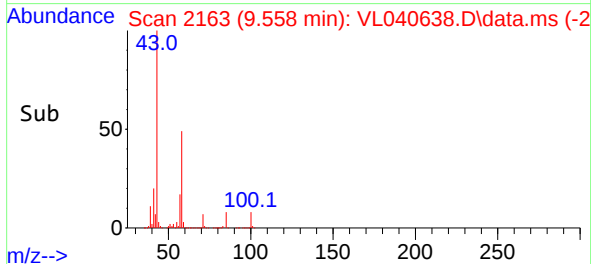
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



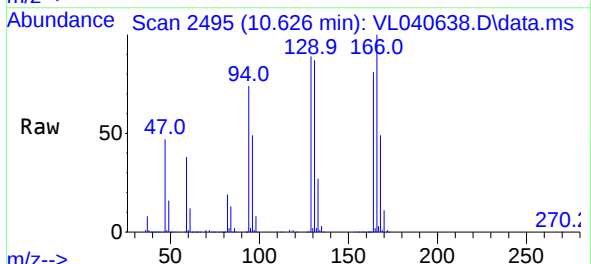
Tgt Ion: 43 Resp: 133425
Ion Ratio Lower Upper
43 100
58 48.2 39.4 59.2
98 0.6 0.4 0.6

Manual Integrations
APPROVED

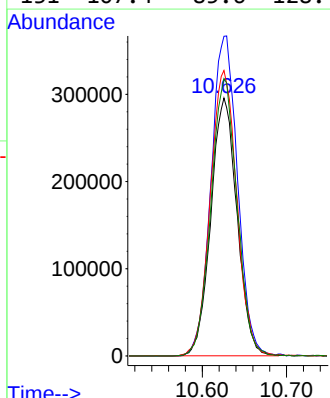
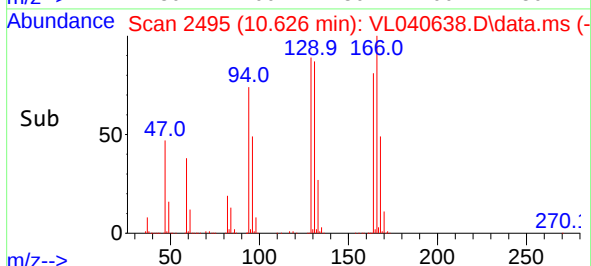
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

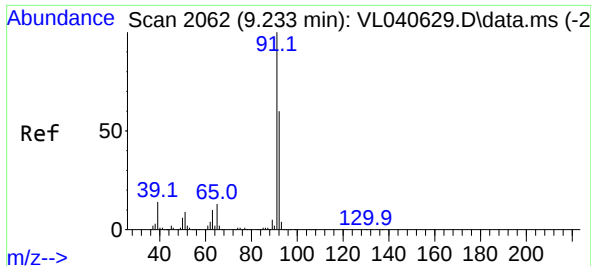


#52
Tetrachloroethene
Concen: 10.426 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



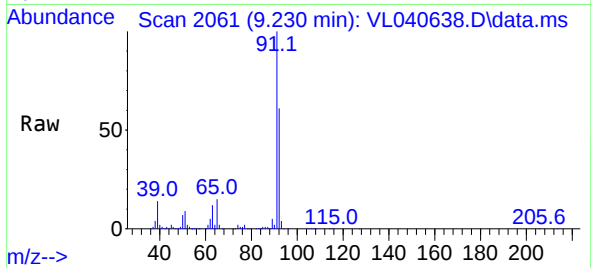
Tgt Ion:164 Resp: 635050
Ion Ratio Lower Upper
164 100
166 123.9 99.5 149.3
129 110.7 86.9 130.3
131 107.4 85.6 128.4





#53
Toluene
Concen: 10.117 ppbv
RT: 9.230 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

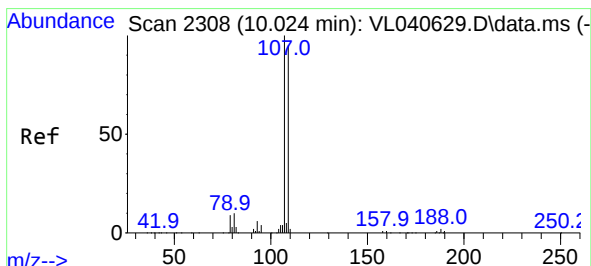
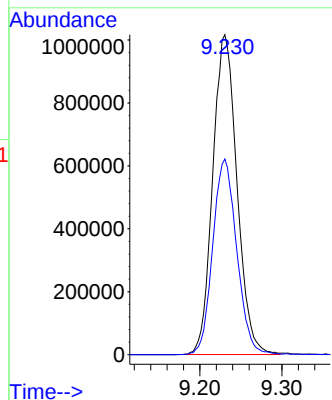
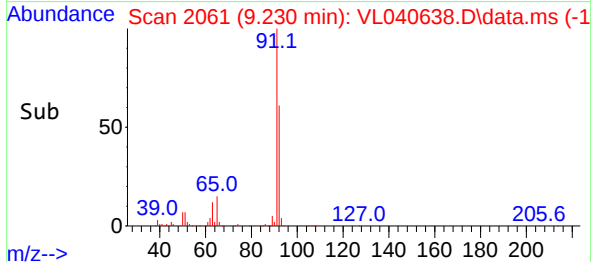
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



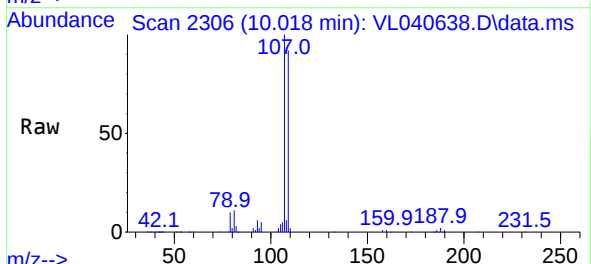
Tgt Ion: 91 Resp: 2090908
Ion Ratio Lower Upper
91 100
92 60.8 48.0 72.0

Manual Integrations
APPROVED

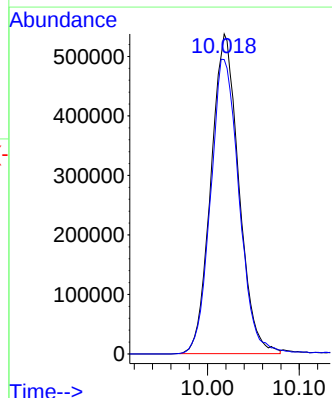
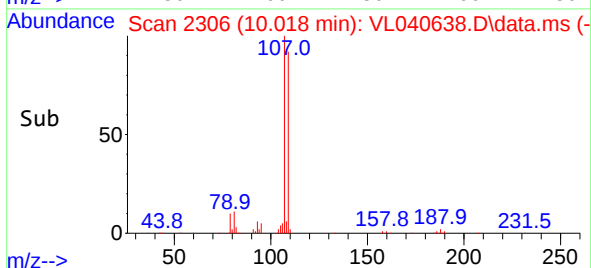
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

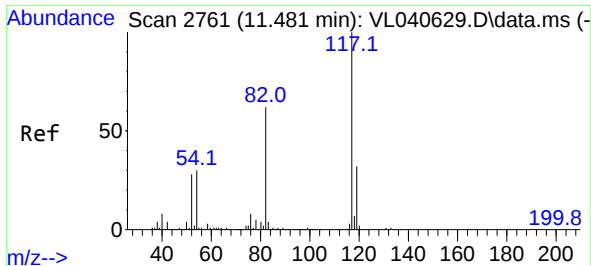


#54
1,2-Dibromoethane
Concen: 10.658 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



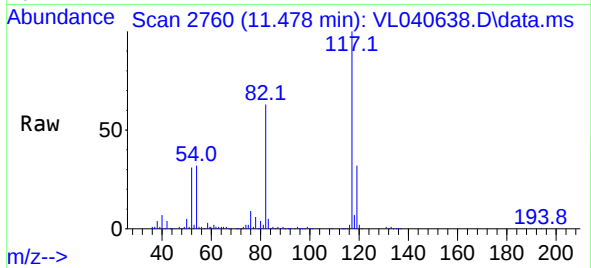
Tgt Ion:107 Resp: 1134218
Ion Ratio Lower Upper
107 100
109 91.9 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

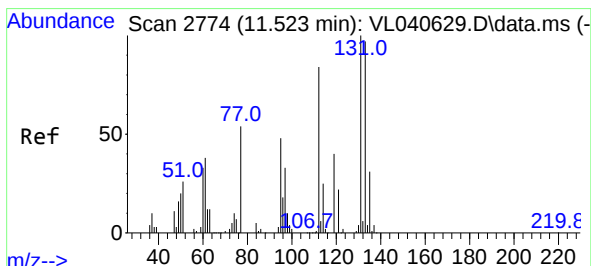
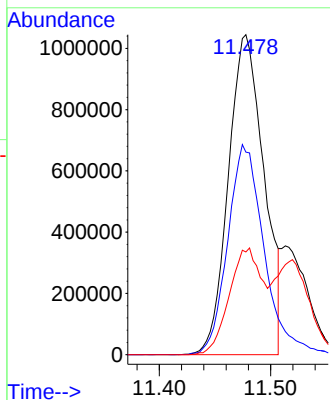
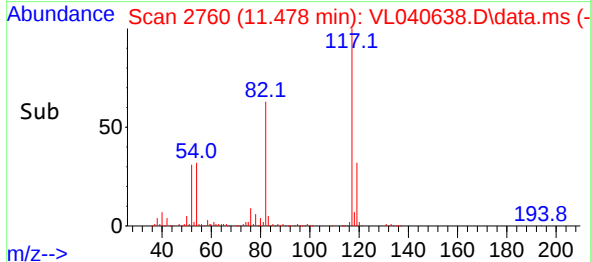
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



Tgt Ion:117 Resp: 232324
Ion Ratio Lower Upper
117 100
82 67.6 49.5 74.3
119 30.8 24.5 36.7

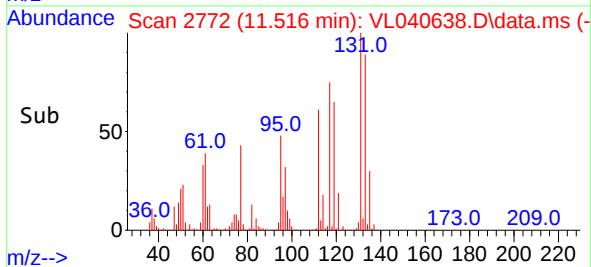
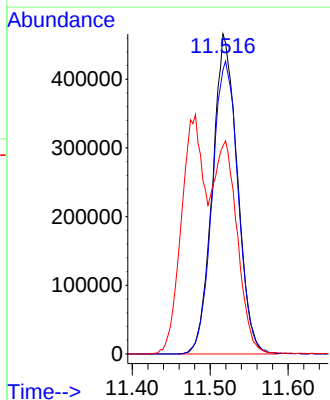
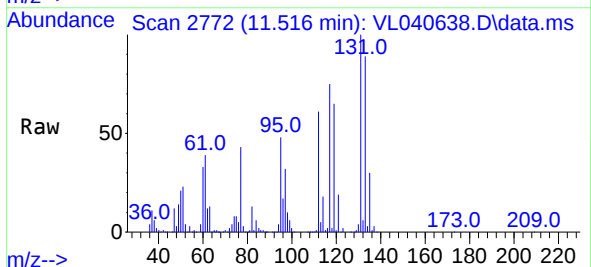
Manual Integrations
APPROVED

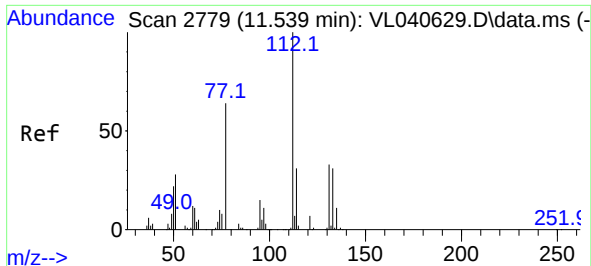
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.609 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

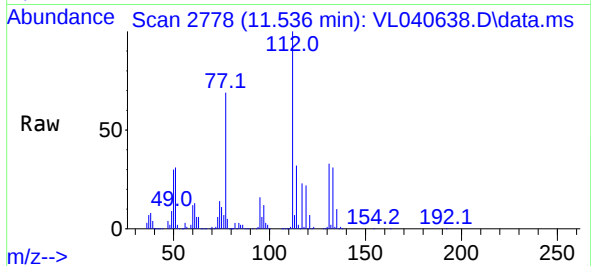
Tgt Ion:131 Resp: 1032875
Ion Ratio Lower Upper
131 100
133 95.5 75.4 113.0
119 69.9 51.0 76.6





#57
Chlorobenzene
Concen: 9.357 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

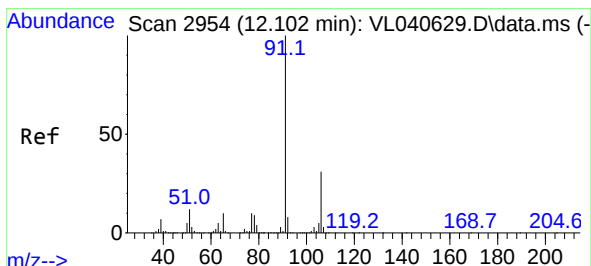
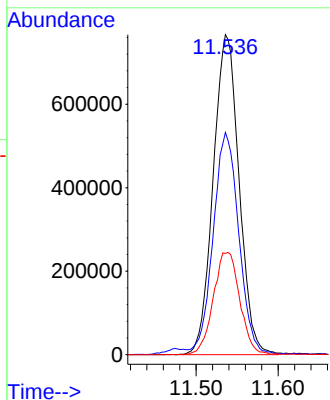
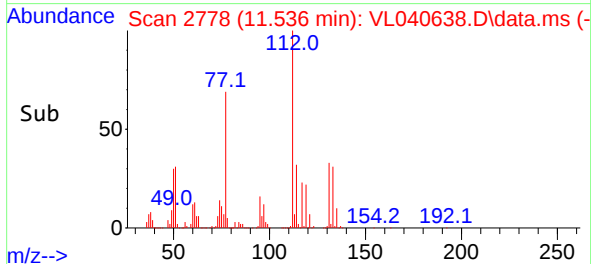
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



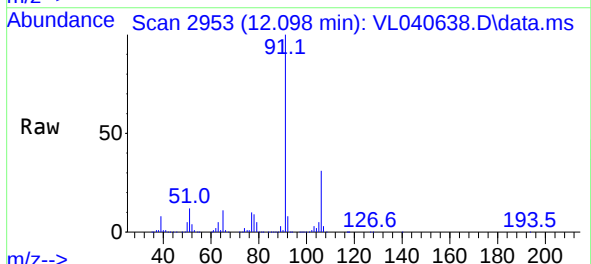
Tgt Ion:112 Resp: 1677730
Ion Ratio Lower Upper
112 100
77 69.1 52.5 78.7
114 31.6 27.8 34.0

Manual Integrations
APPROVED

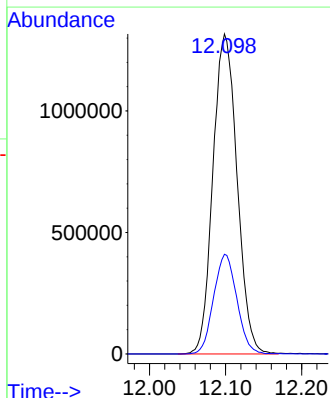
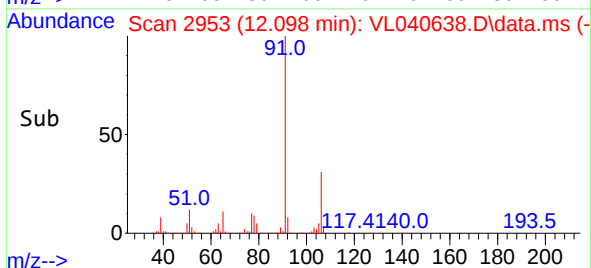
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

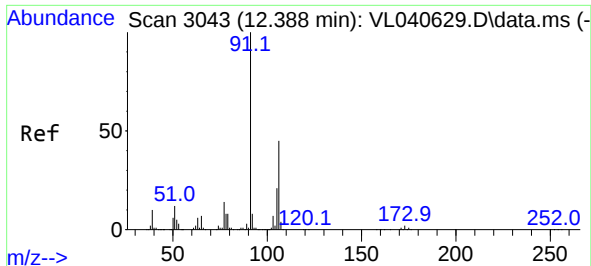


#58
Ethyl Benzene
Concen: 10.362 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 91 Resp: 2902897
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8





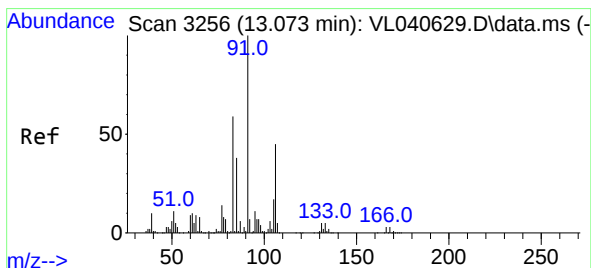
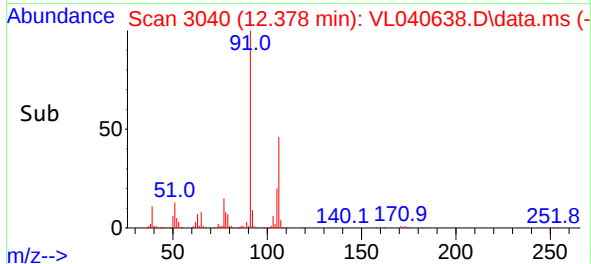
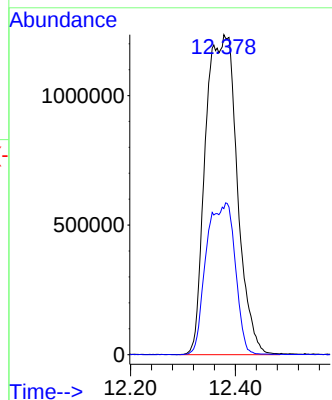
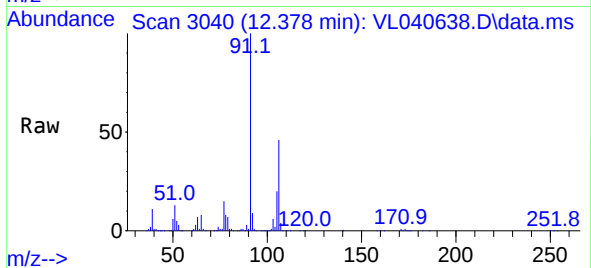
#59
m/p-Xylene
Concen: 20.216 ppbv m
RT: 12.378 min Scan# 3043
Delta R.T. -0.010 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01

Tgt Ion: 91 Resp: 5166234
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9

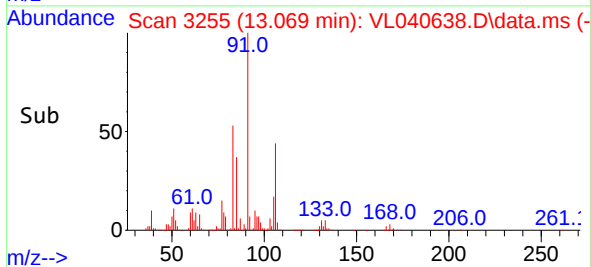
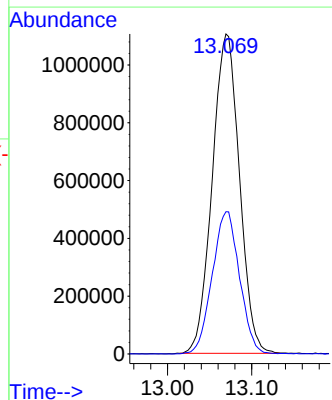
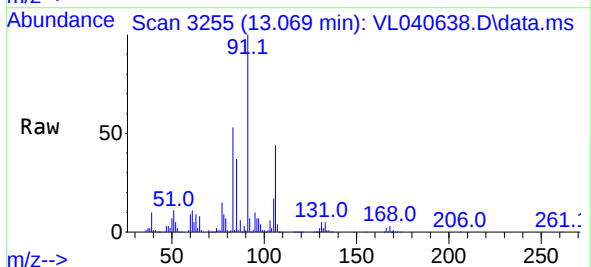
Manual Integrations
APPROVED

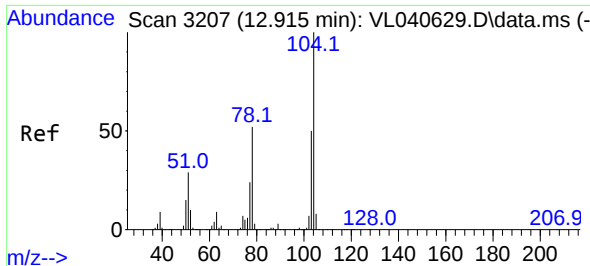
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
o-Xylene
Concen: 10.227 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

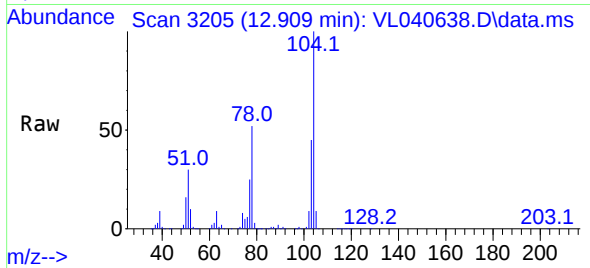
Tgt Ion: 91 Resp: 2477300
Ion Ratio Lower Upper
91 100
106 44.8 22.5 67.5





#61
Styrene
Concen: 11.434 ppbv
RT: 12.909 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

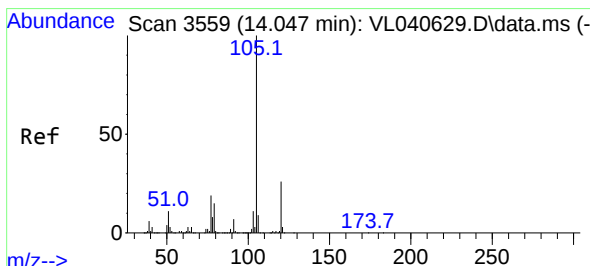
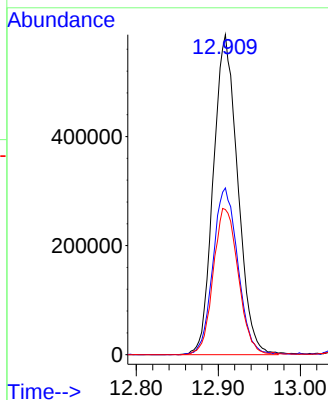
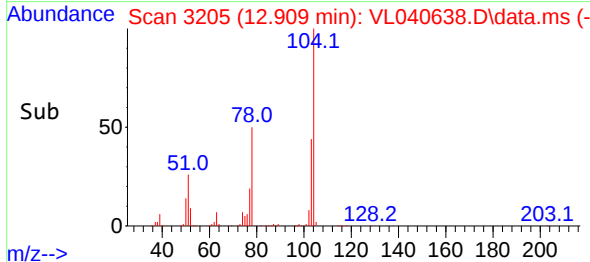
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



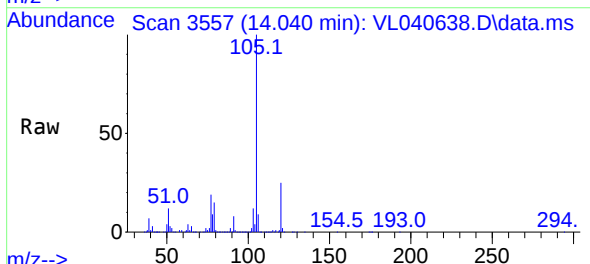
Tgt Ion:104 Resp: 121354
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 47.1 37.3 55.9

Manual Integrations
APPROVED

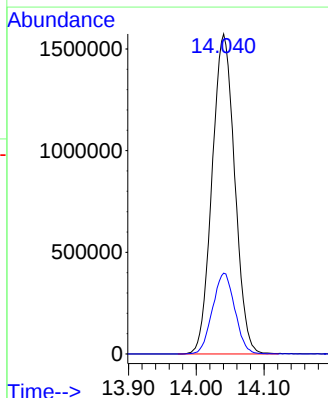
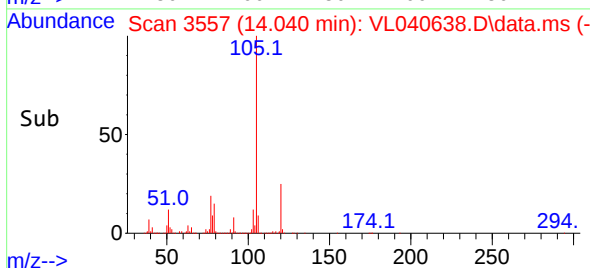
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

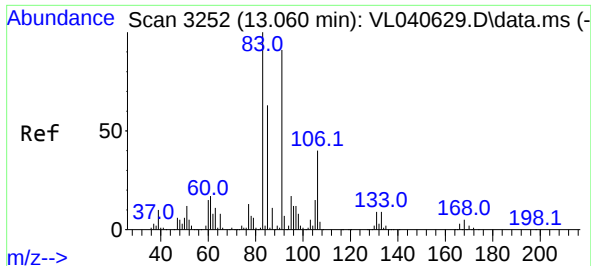


#62
Isopropylbenzene
Concen: 9.936 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



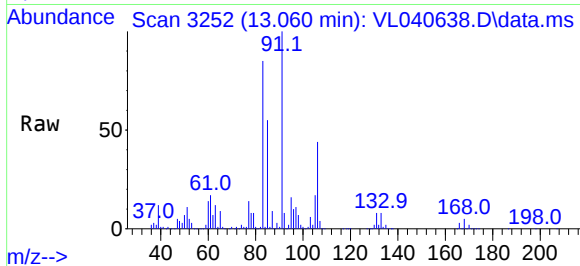
Tgt Ion:105 Resp: 3642299
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.823 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

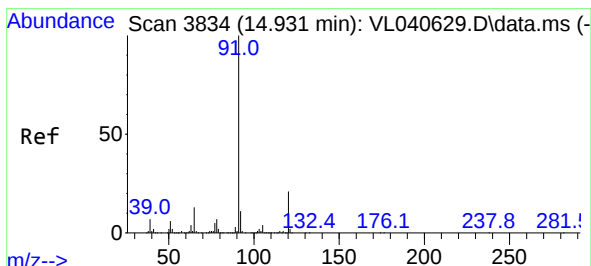
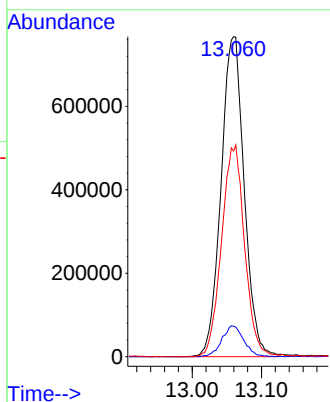
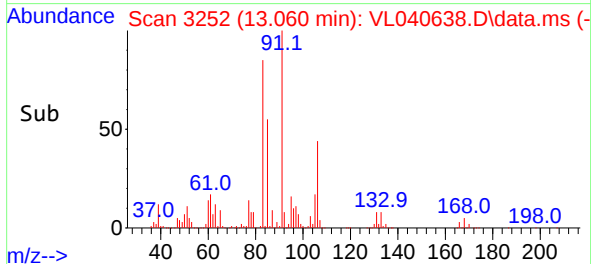
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



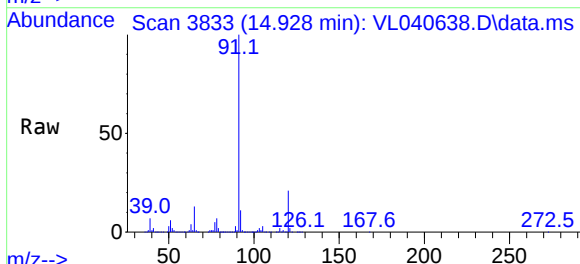
Tgt Ion: 83 Resp: 178192
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 66.1 32.4 97.2

Manual Integrations
APPROVED

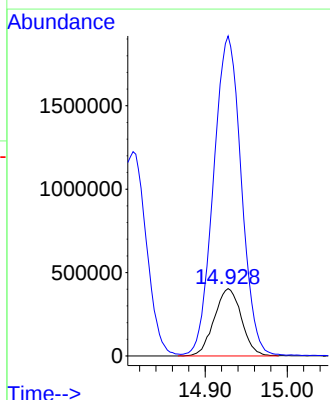
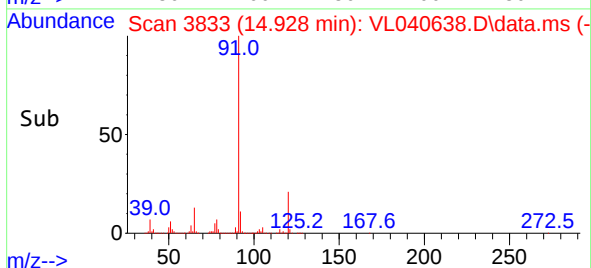
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

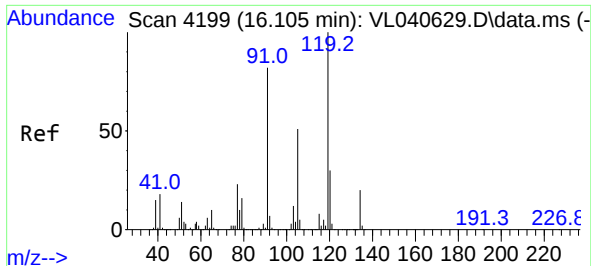


#64
n-propylbenzene
Concen: 10.056 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



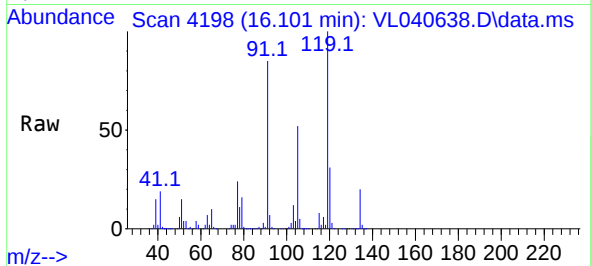
Tgt Ion:120 Resp: 931634
Ion Ratio Lower Upper
120 100
91 487.0 387.8 581.8





#65
tert-Butylbenzene
Concen: 10.171 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

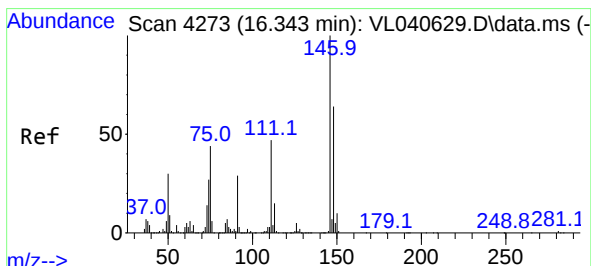
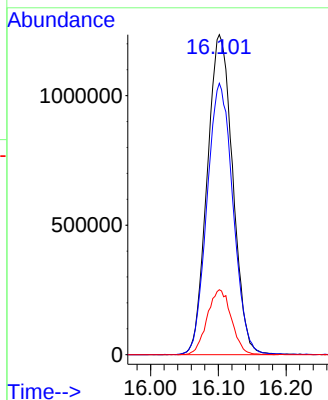
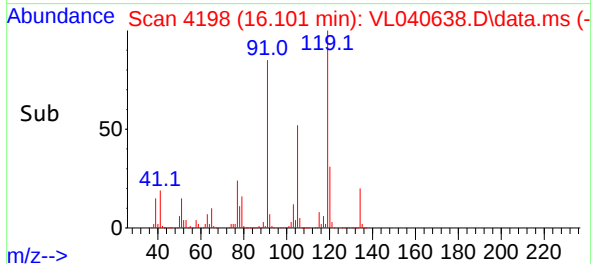
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



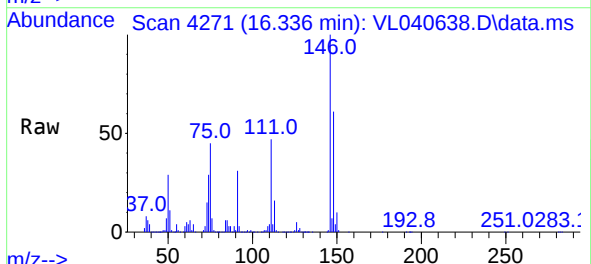
Tgt Ion: 119 Resp: 323153
Ion Ratio Lower Upper
119 100
91 86.5 67.8 101.6
134 19.3 15.7 23.5

Manual Integrations
APPROVED

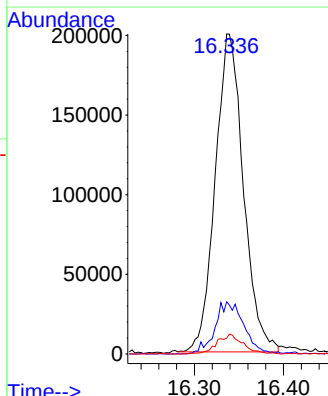
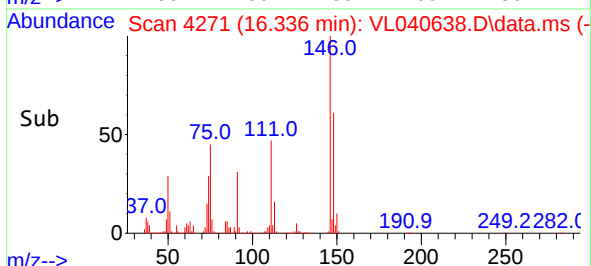
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

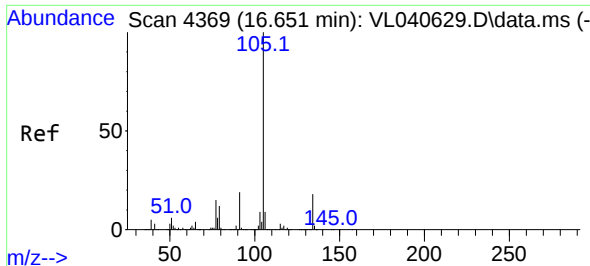


#66
Benzyl Chloride
Concen: 10.972 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 91 Resp: 438370
Ion Ratio Lower Upper
91 100
126 17.1 13.6 20.4
128 5.8 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.940 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

Instrument :

MSVOA_L

ClientSampleId :

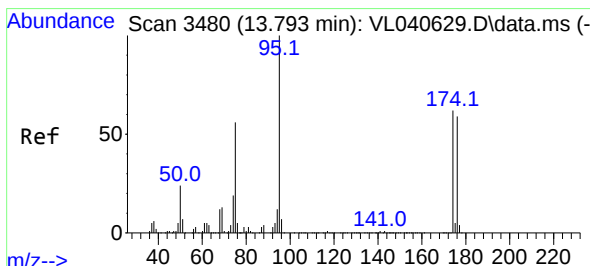
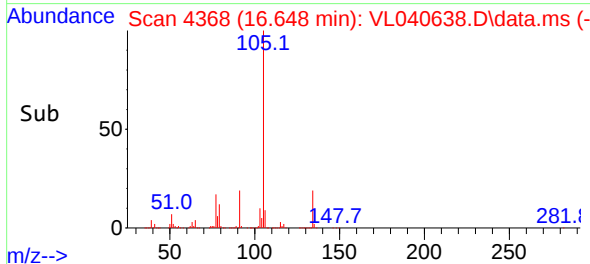
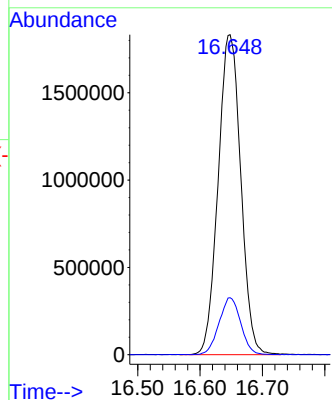
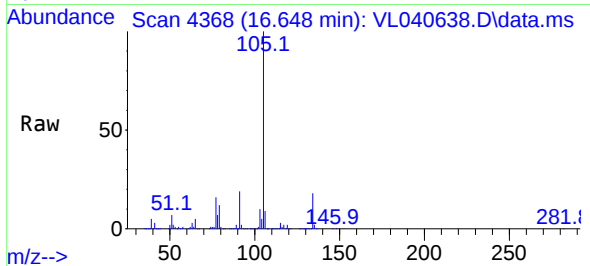
VL0815ABS01

Tgt Ion:105 Resp: 460763
 Ion Ratio Lower Upper
 105 100
 134 17.2 13.8 20.8

Manual Integrations

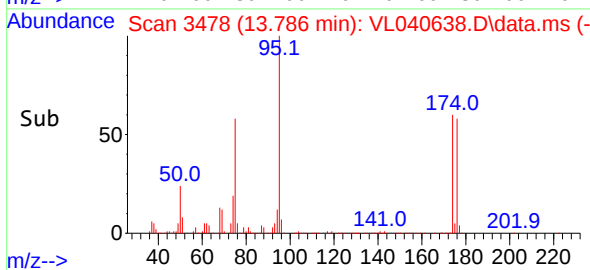
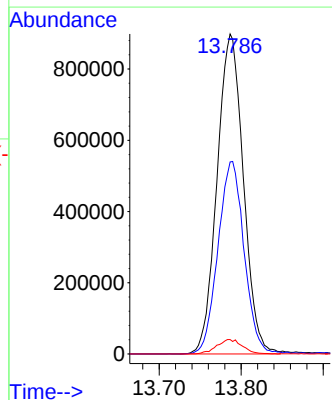
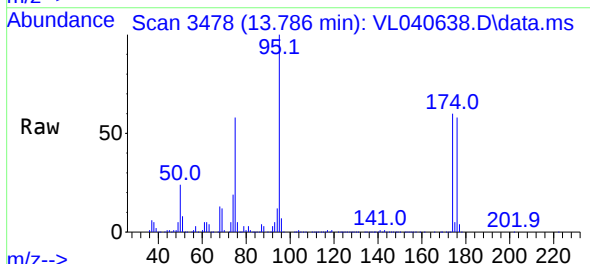
APPROVED

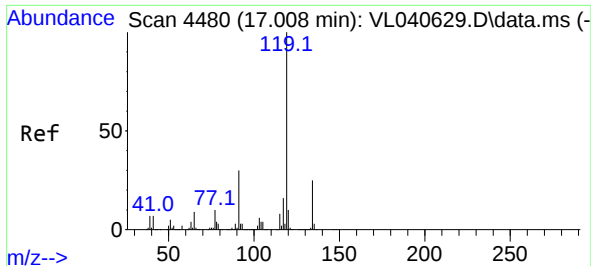
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.837 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: VL040638.D
 Acq: 15 Aug 2023 18:45

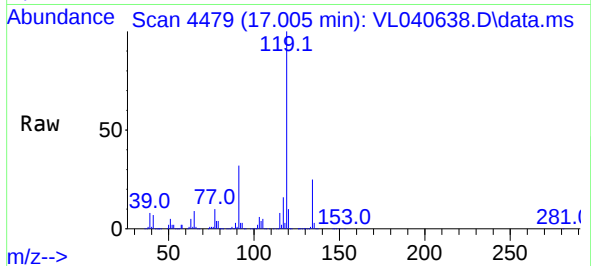
Tgt Ion: 95 Resp: 2002365
 Ion Ratio Lower Upper
 95 100
 174 60.1 49.1 73.7
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.266 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

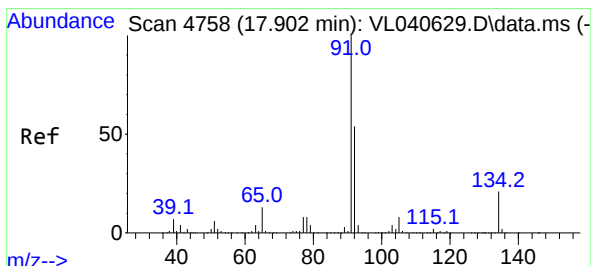
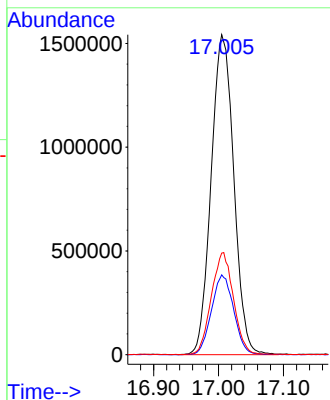
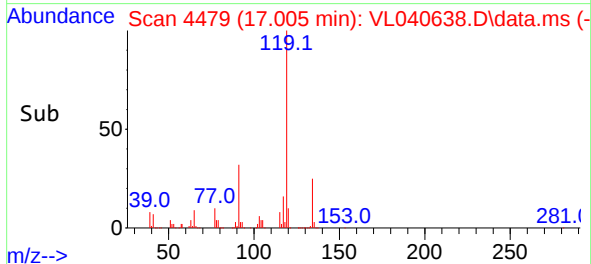
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



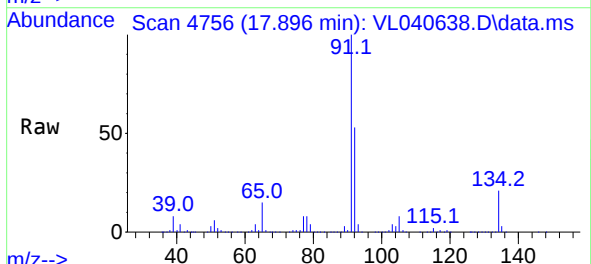
Tgt Ion:119 Resp: 372353
Ion Ratio Lower Upper
119 100
134 24.6 20.2 30.4
91 31.2 24.2 36.4

Manual Integrations
APPROVED

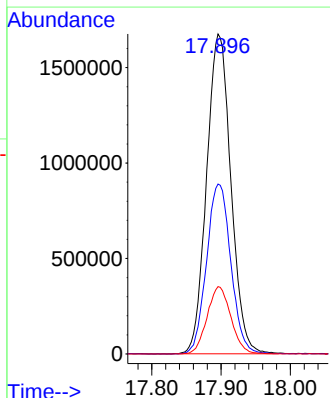
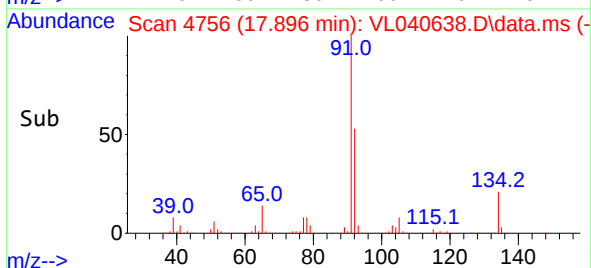
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

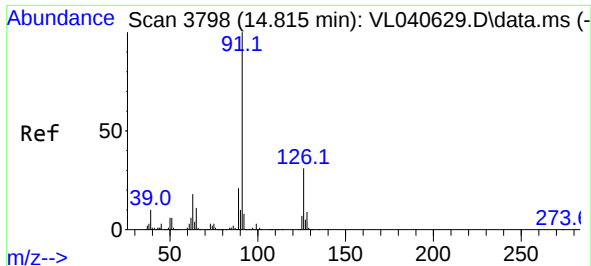


#70
n-Butylbenzene
Concen: 10.299 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion: 91 Resp: 4078342
Ion Ratio Lower Upper
91 100
92 53.3 42.9 64.3
134 20.7 17.0 25.6





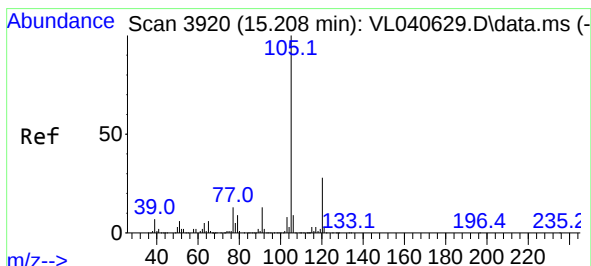
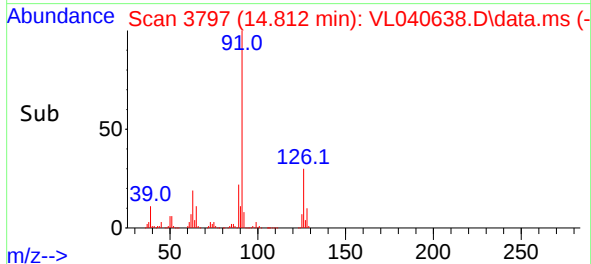
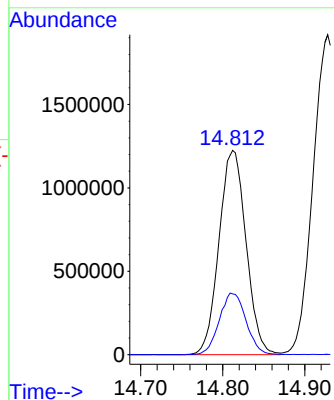
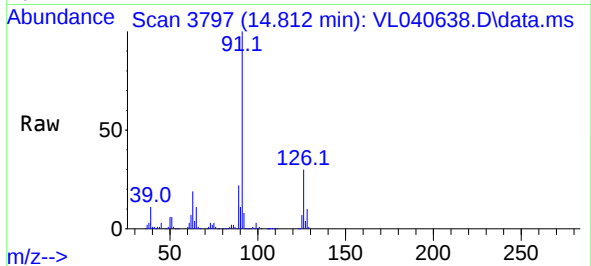
#71
2-Chlorotoluene
Concen: 10.326 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01

Tgt Ion: 91 Resp: 2808589
Ion Ratio Lower Upper
91 100
126 29.9 12.2 49.0

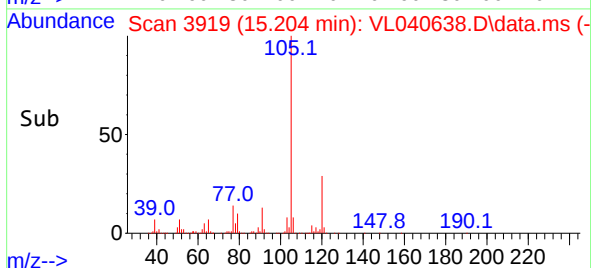
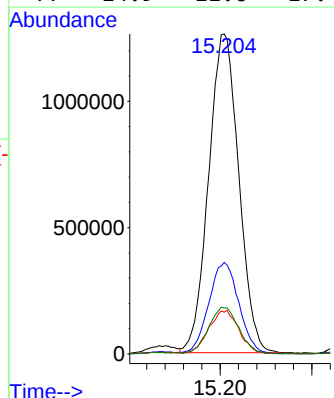
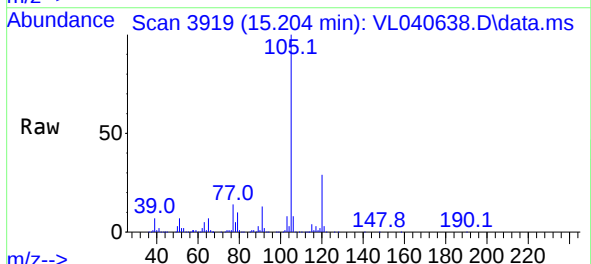
Manual Integrations
APPROVED

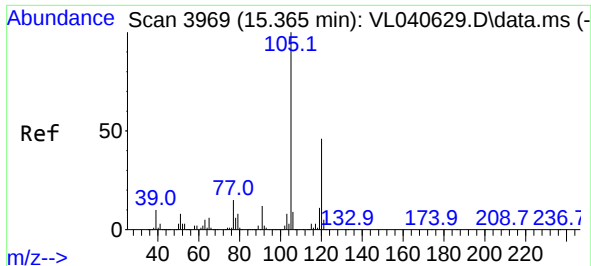
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
4-Ethyltoluene
Concen: 10.541 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

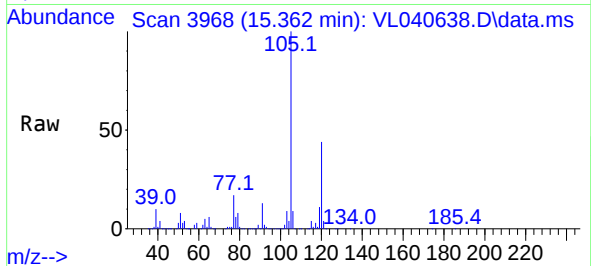
Tgt Ion:105 Resp: 2882456
Ion Ratio Lower Upper
105 100
120 28.8 23.0 34.6
91 14.2 10.9 16.3
77 14.9 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 10.238 ppbv
RT: 15.362 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

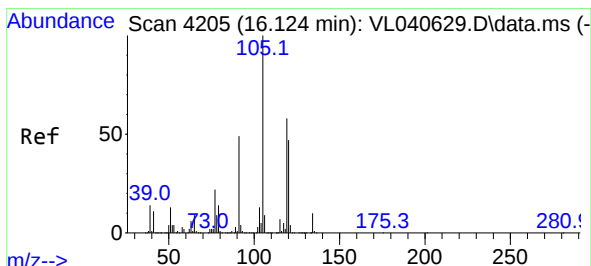
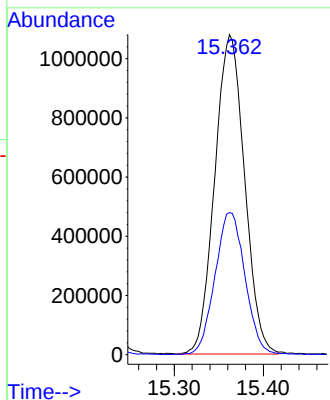
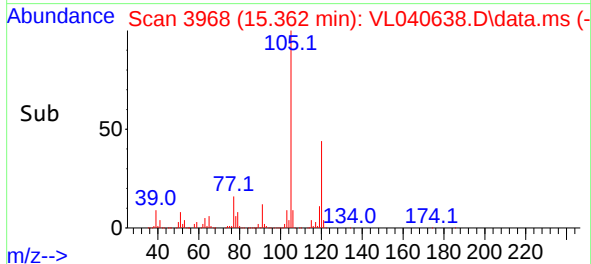
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



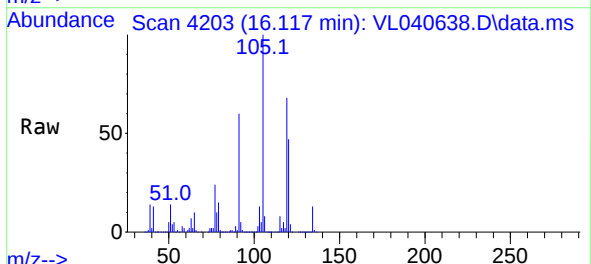
Tgt Ion:105 Resp: 2502599
Ion Ratio Lower Upper
105 100
120 44.4 36.5 54.7

Manual Integrations
APPROVED

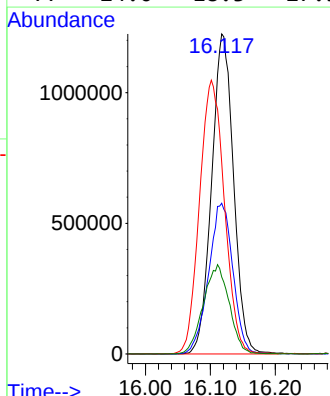
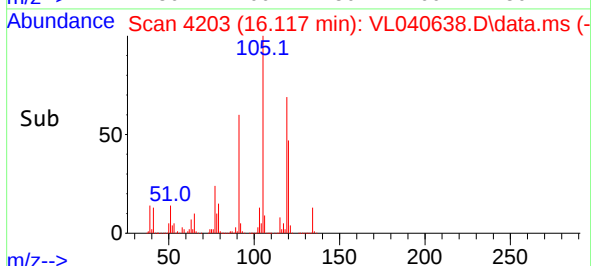
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

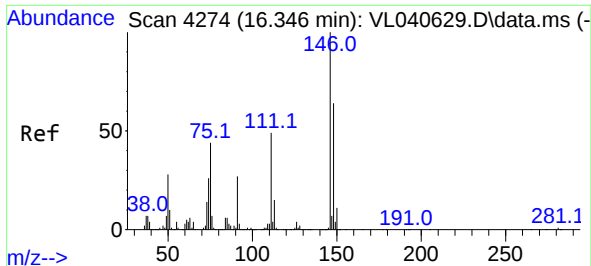


#74
1,2,4-Trimethylbenzene
Concen: 10.039 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



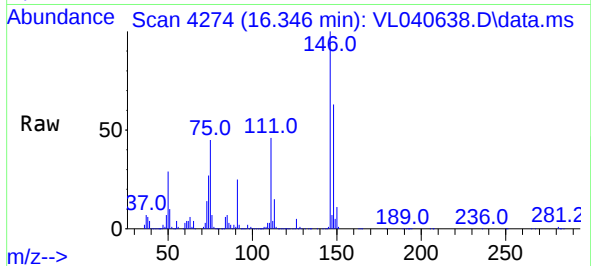
Tgt Ion:105 Resp: 2865781
Ion Ratio Lower Upper
105 100
120 47.0 37.7 56.5
91 59.7 41.2 61.8
77 24.0 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.700 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

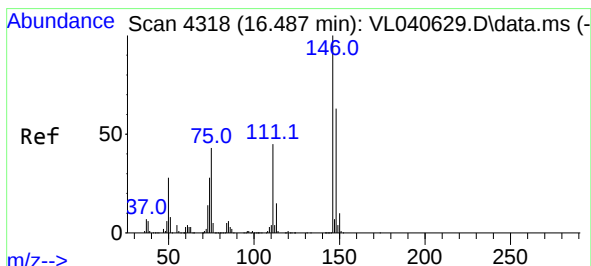
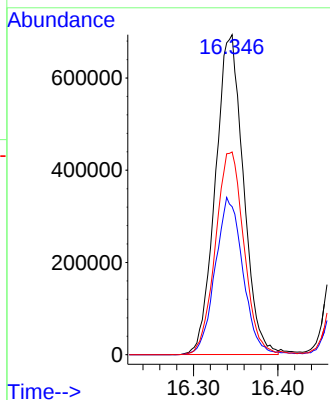
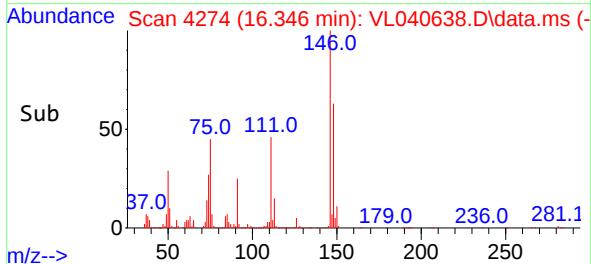
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



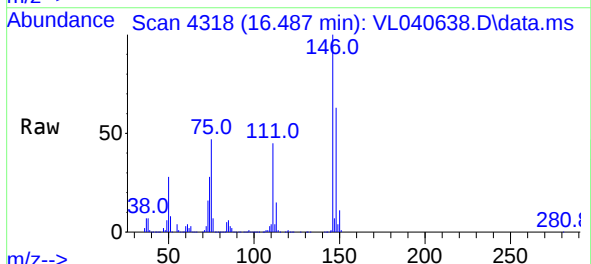
Tgt Ion:146 Resp: 1600930
Ion Ratio Lower Upper
146 100
111 48.8 23.7 71.1
148 65.0 31.7 95.1

Manual Integrations
APPROVED

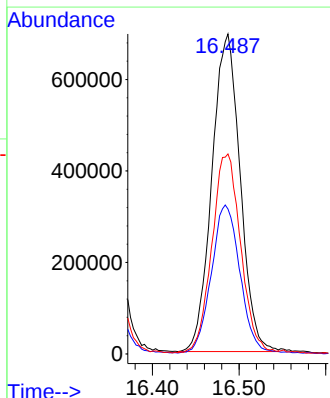
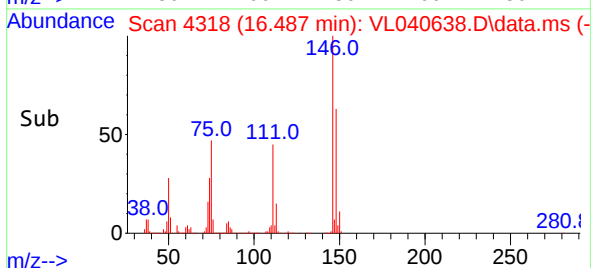
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

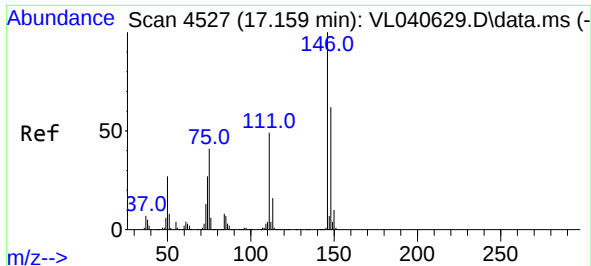


#76
1,4-Dichlorobenzene
Concen: 9.753 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



Tgt Ion:146 Resp: 1573603
Ion Ratio Lower Upper
146 100
111 48.3 23.2 69.5
148 64.7 32.5 97.5





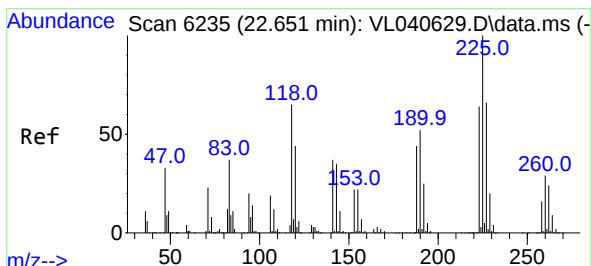
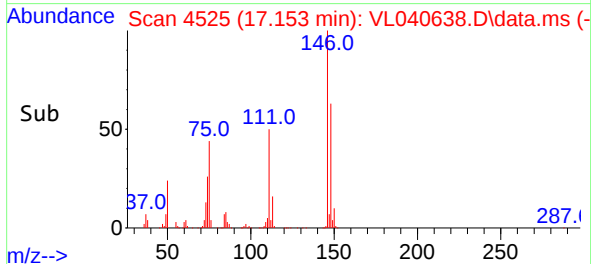
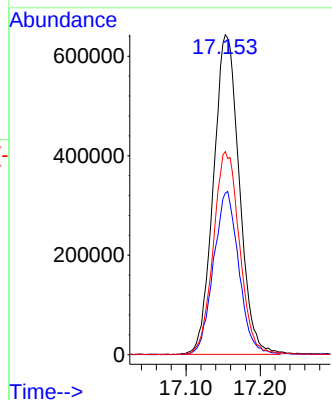
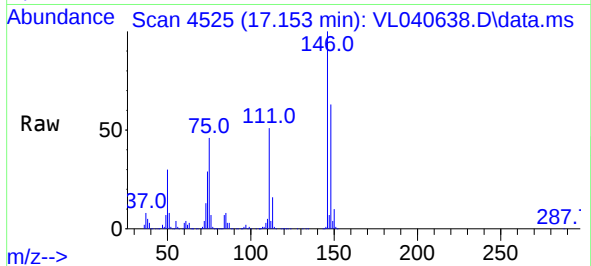
#77
1,2-Dichlorobenzene
Concen: 9.554 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01

Tgt Ion:146 Resp: 1551469
Ion Ratio Lower Upper
146 100
111 50.7 24.6 74.0
148 64.8 32.1 96.5

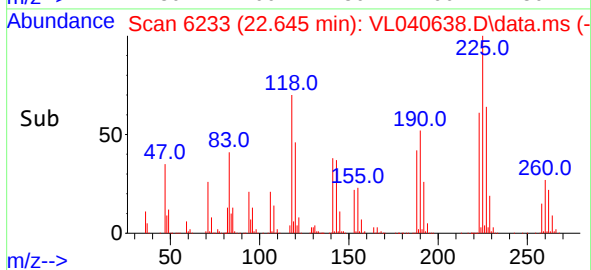
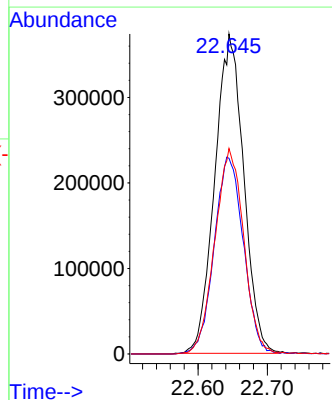
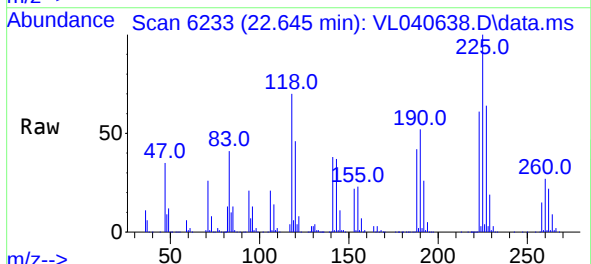
Manual Integrations
APPROVED

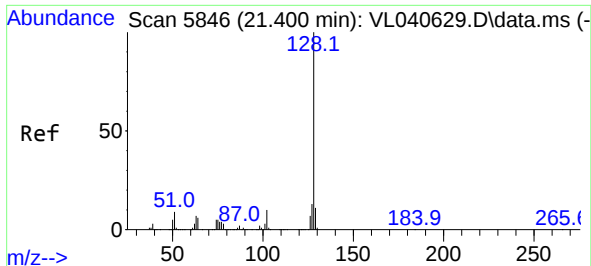
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.795 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.006 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

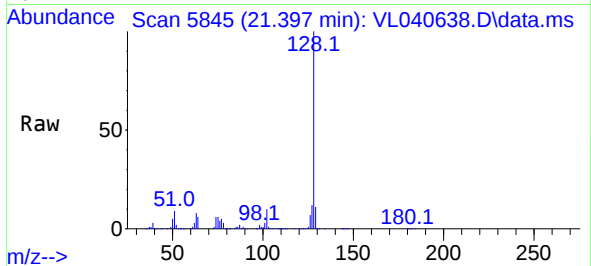
Tgt Ion:225 Resp: 1083637
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 64.4 51.2 76.8





#79
Naphthalene
Concen: 12.359 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

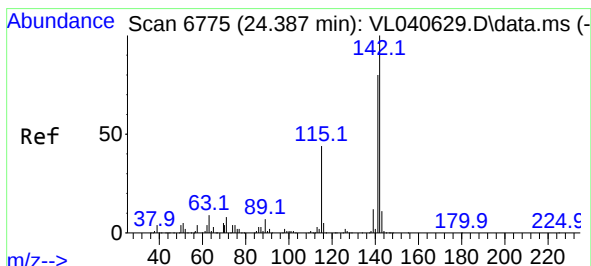
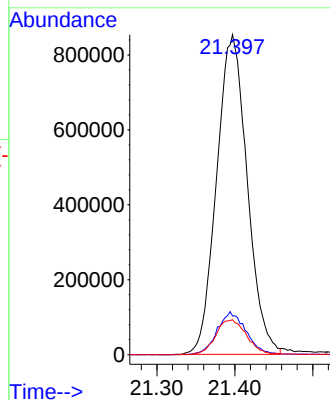
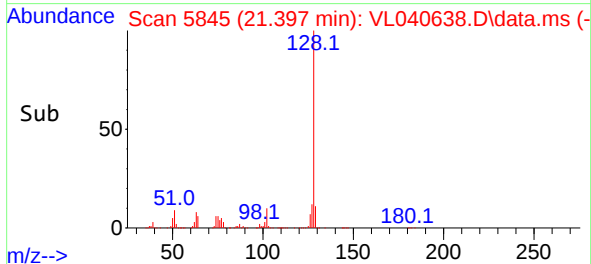
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



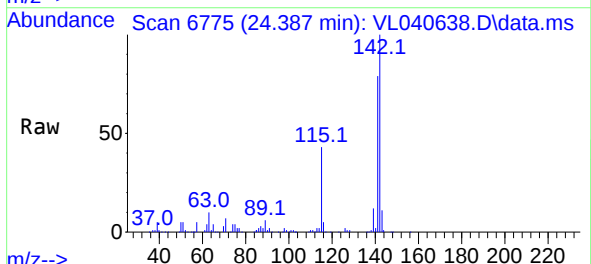
Tgt Ion:128 Resp: 233000
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 11.0 9.2 13.8

Manual Integrations
APPROVED

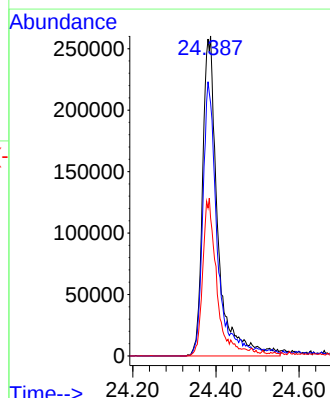
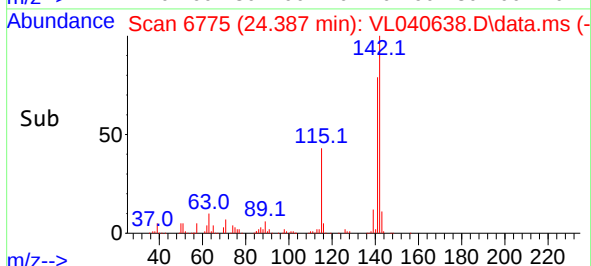
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

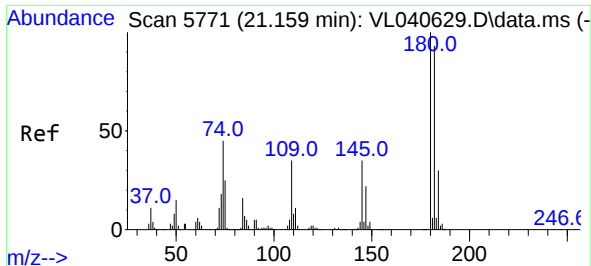


#80
Naphthalene,2-methyl-
Concen: 12.161 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45



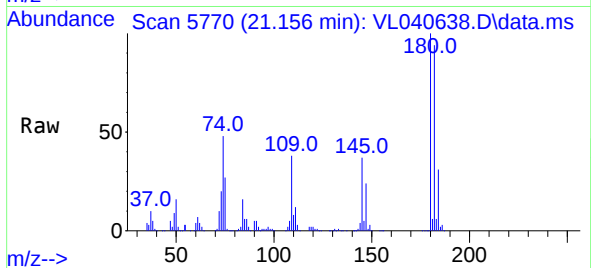
Tgt Ion:142 Resp: 659743
Ion Ratio Lower Upper
142 100
141 83.3 64.6 96.8
115 48.0 33.7 50.5





#81
1,2,4-Trichlorobenzene
Concen: 10.400 ppbv
RT: 21.156 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040638.D
Acq: 15 Aug 2023 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABS01



Tgt Ion:180 Resp: 1290468
Ion Ratio Lower Upper
180 100
182 94.3 78.0 117.0
184 30.6 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

