

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040280.D
 Acq On : 15 Mar 2023 12:16
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 12:46:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1085866	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2925212	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2778502	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	2274124	9.953	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	484357	2.393	ppbv	99
3) Chlorodifluoromethane	2.671	51	299414	2.308	ppbv	99
4) Chloromethane	2.809	50	186758	2.292	ppbv	94
5) Vinyl Chloride	2.919	62	155844	2.380	ppbv	96
6) Bromomethane	3.115	94	53768	2.275	ppbv	95
7) Chloroethane	3.195	64	56458	2.174	ppbv #	85
8) Dichlorotetrafluoroethane	2.854	85	389079	2.231	ppbv	96
9) Propene	2.690	41	110733	2.094	ppbv	94
10) Heptane	7.581	43	275923	2.192	ppbv	99
11) Trichlorofluoromethane	3.562	101	423546	2.332	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	315508	2.355	ppbv	99
13) Ethanol	3.256	45	8252m	1.695	ppbv	
14) Bromoethene	3.362	108	116074	2.260	ppbv	95
15) Acetone	3.469	43	304052	2.326	ppbv	99
16) 1,3-Butadiene	2.983	39	135279	2.266	ppbv	95
17) tert-Butyl alcohol	3.880	59	251249	2.107	ppbv	100
18) 1,1-Dichloroethene	3.880	96	140891	2.421	ppbv	98
19) Isopropyl Alcohol	3.578	45	138204	2.224	ppbv	100
20) Methylene Chloride	3.932	84	119679	1.759	ppbv	94
21) Allyl Chloride	3.996	41	193660	2.415	ppbv	100
22) trans-1,2-Dichloroethene	4.446	96	132951	2.206	ppbv	91
23) Vinyl Acetate	4.623	43	73448	1.851	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	288838	2.329	ppbv	98
25) Ethyl Acetate	5.205	43	545877	2.246	ppbv	99
26) Hexane	5.214	57	218016	2.090	ppbv	93
27) Carbon Disulfide	4.124	76	309335	2.337	ppbv	97
28) Methyl tert-Butyl Ether	4.591	73	257724	2.306	ppbv	100
29) Chloroform	5.276	83	394541	2.202	ppbv	97
30) Cyclohexane	6.603	84	172881	2.110	ppbv	92
31) cis-1,2-Dichloroethene	5.079	61	217538	2.195	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	392223	2.330	ppbv	97
34) 2-Butanone	4.790	43	325200	2.254	ppbv	100
35) Carbon Tetrachloride	6.494	117	404177	2.337	ppbv	99
36) Benzene	6.375	78	478807	2.103	ppbv	98
37) 1,2-Dichloroethane	5.809	62	304346	2.138	ppbv	100
38) Trichloroethene	7.298	130	272749	2.174	ppbv	97
39) 1,2-Dichloropropane	7.079	63	186225	2.103	ppbv	96
40) 1,4-Dioxane	7.301	88	69033	1.949	ppbv	79
41) Tetrahydrofuran	5.575	42	184976m	2.212	ppbv	
42) Bromodichloromethane	7.253	83	422814	2.152	ppbv	97
43) Methyl Methacrylate	7.481	69	177401	2.106	ppbv	96
44) 2,2,4-Trimethylpentane	7.330	57	807390	2.125	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	146863	1.966	ppbv	99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 12:46:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

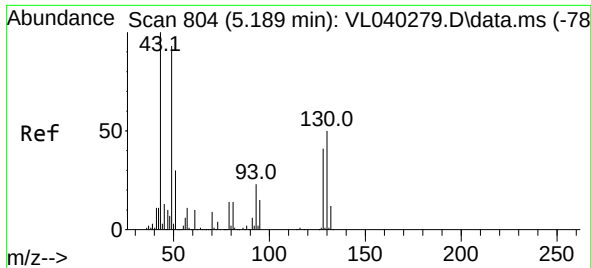
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	210543	2.023	ppbv	97
47) 1,1,2-Trichloroethane	8.906	97	197026	2.057	ppbv	91
48) Dibromochloromethane	9.716	129	326091	2.128	ppbv	99
49) Bromoform	12.413	173	245810	2.056	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	487530	2.176	ppbv	100
51) 2-Hexanone	9.565	43	382817	2.222	ppbv #	98
52) Tetrachloroethene	10.626	164	149606	2.105	ppbv	94
53) Toluene	9.227	91	507048	2.080	ppbv	99
54) 1,2-Dibromoethane	10.015	107	207367	2.081	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	256442	2.199	ppbv #	1
57) Chlorobenzene	11.532	112	420597	2.072	ppbv	98
58) Ethyl Benzene	12.098	91	707167	2.095	ppbv	94
59) m/p-Xylene	12.378	91	1274309m	4.262	ppbv	
60) o-Xylene	13.066	91	609408	2.118	ppbv	99
61) Styrene	12.905	104	303972	2.012	ppbv	97
62) Isopropylbenzene	14.037	105	870915	2.109	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	222685	2.148	ppbv	98
64) n-propylbenzene	14.928	120	203556	1.992	ppbv	75
65) tert-Butylbenzene	16.098	119	767924	2.139	ppbv	95
66) Benzyl Chloride	16.339	91	42630m	1.785	ppbv	
67) sec-Butylbenzene	16.648	105	1104839	2.146	ppbv	99
69) p-Isopropyltoluene	17.005	119	869894	2.131	ppbv	97
70) n-Butylbenzene	17.899	91	969261	2.188	ppbv	97
71) 2-Chlorotoluene	14.809	91	669893	2.121	ppbv	98
72) 4-Ethyltoluene	15.204	105	680219	2.139	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	613068	2.072	ppbv	99
74) 1,2,4-Trimethylbenzene	16.118	105	703336	2.164	ppbv	94
75) 1,3-Dichlorobenzene	16.339	146	371597	2.089	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	356501	2.045	ppbv	98
77) 1,2-Dichlorobenzene	17.159	146	356284	2.016	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	255231	2.102	ppbv	98
79) Naphthalene	21.400	128	474186	2.597	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	93227	1.795	ppbv	99
81) 1,2,4-Trichlorobenzene	21.153	180	256057	2.241	ppbv	96

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

Manual Integrations

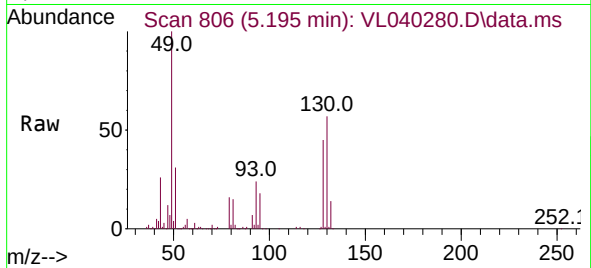
Quant Time: Mar 15 12:46:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Mar 14 04:52:39 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

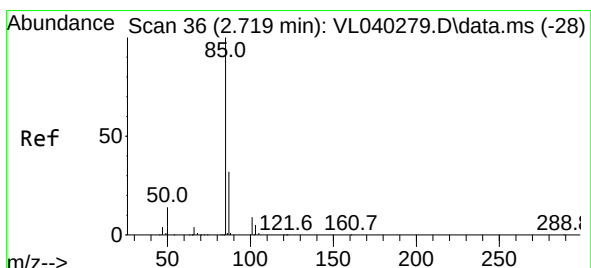
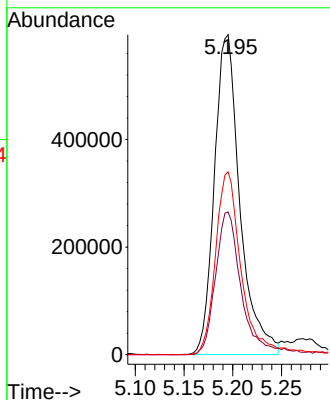
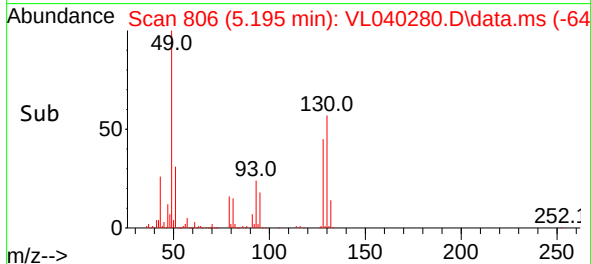
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 108586
Ion Ratio Lower Upper
49 100
128 46.3 24.1 72.3
130 59.0 30.9 92.8

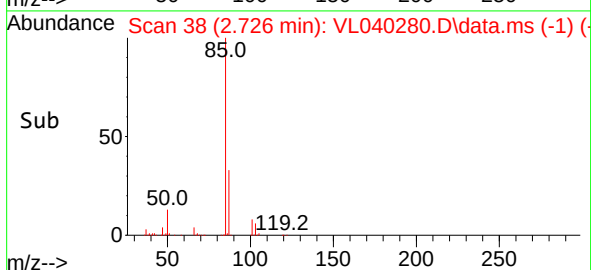
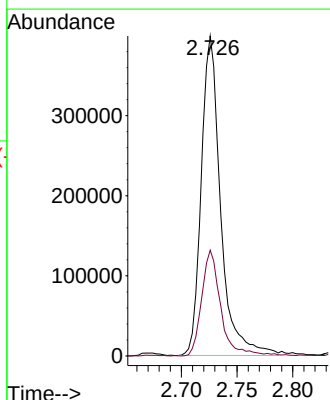
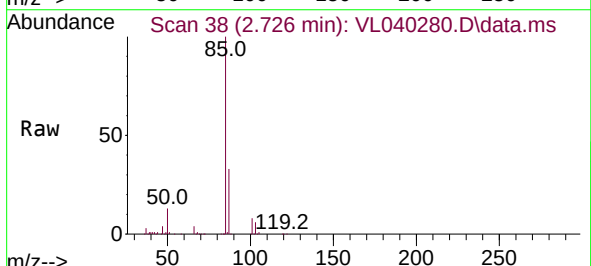
Manual Integrations
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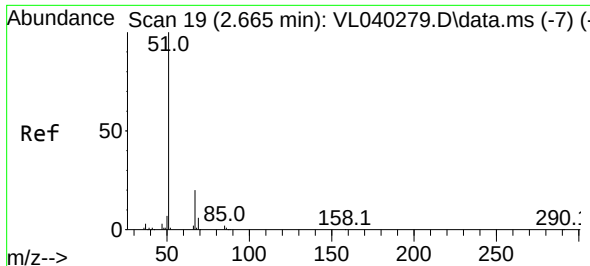
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 2.393 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

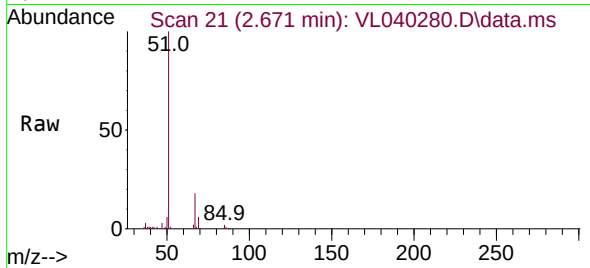
Tgt Ion: 85 Resp: 484357
Ion Ratio Lower Upper
85 100
87 33.0 27.0 40.6





#3
Chlorodifluoromethane
Concen: 2.308 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

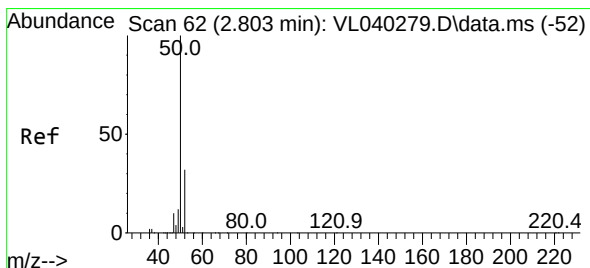
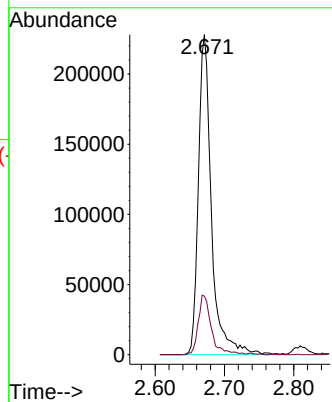
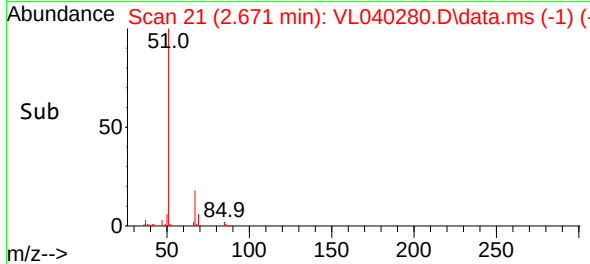
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



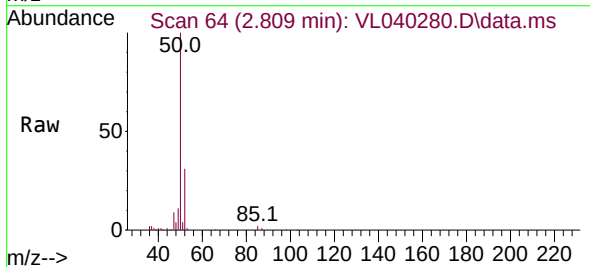
Tgt Ion: 51 Resp: 299414
Ion Ratio Lower Upper
51 100
67 19.1 15.4 23.2

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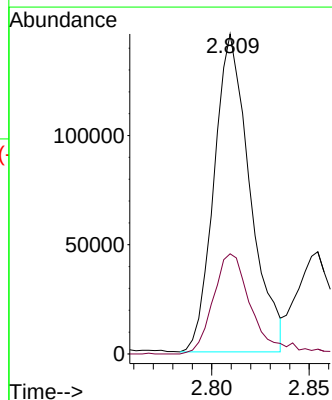
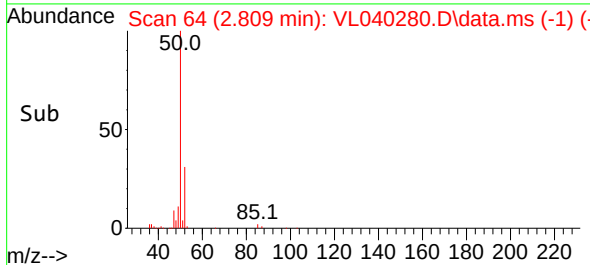
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

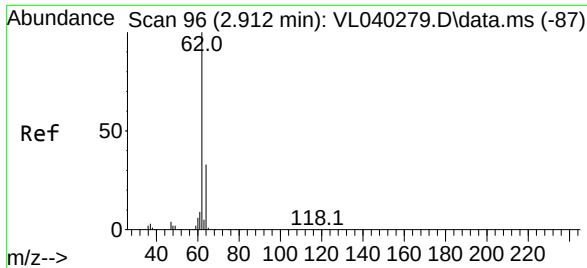


#4
Chloromethane
Concen: 2.292 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion: 50 Resp: 186758
Ion Ratio Lower Upper
50 100
52 31.7 28.3 42.5





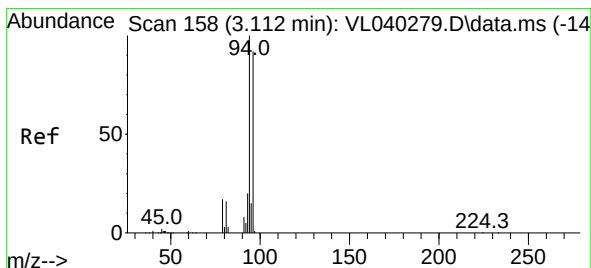
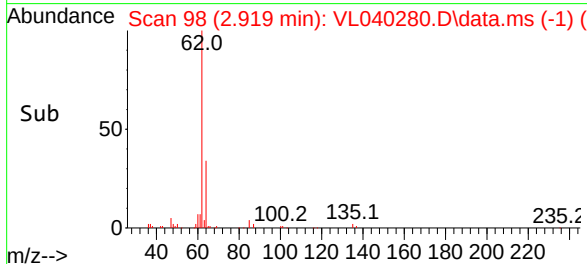
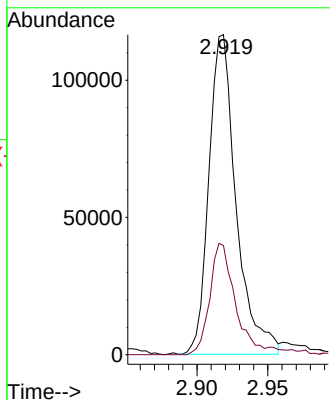
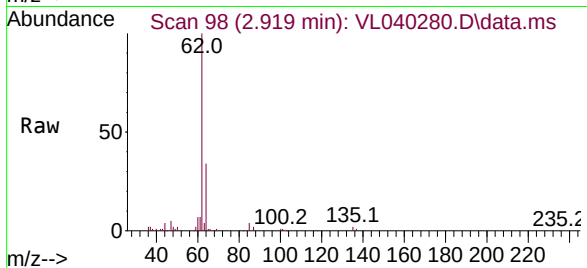
#5
 Vinyl Chloride
 Concen: 2.380 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 155844
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.6 38.4

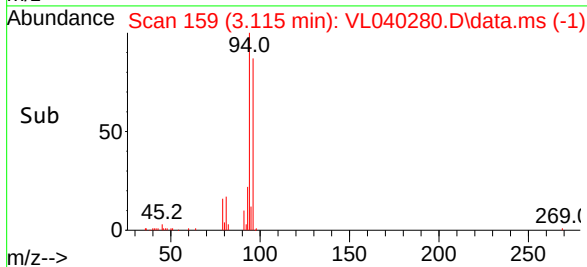
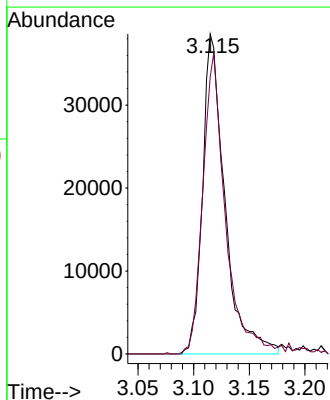
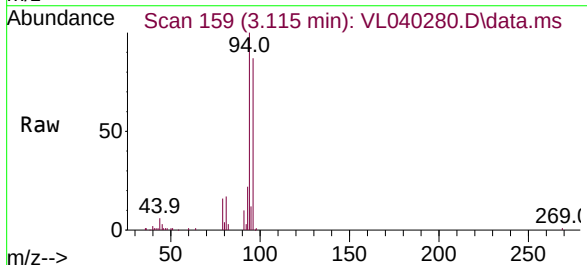
Manual Integrations
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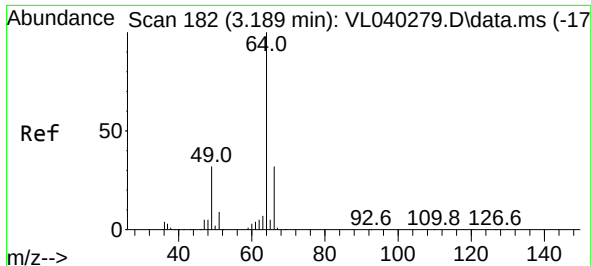
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#6
 Bromomethane
 Concen: 2.275 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.010 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

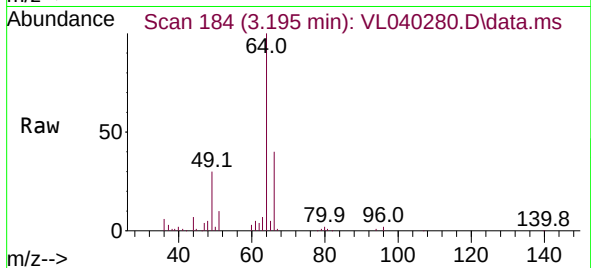
Tgt Ion: 94 Resp: 53768
 Ion Ratio Lower Upper
 94 100
 96 86.6 73.4 110.2





#7
Chloroethane
Concen: 2.174 ppbv
RT: 3.195 min Scan# 182
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

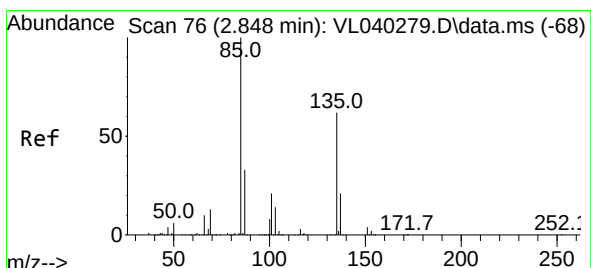
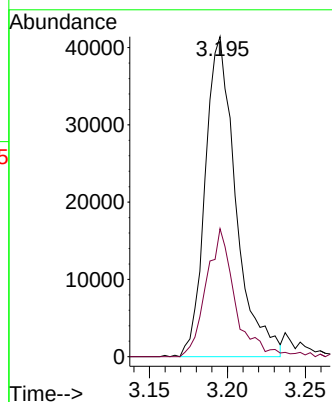
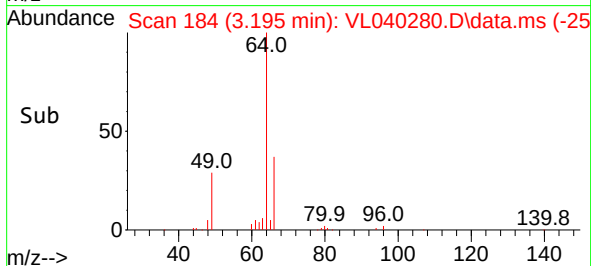
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 64 Resp: 56458
Ion Ratio Lower Upper
64 100
66 40.0 25.4 38.2

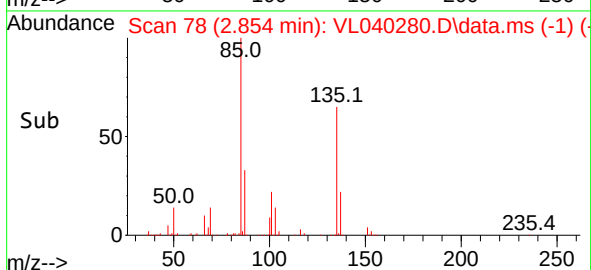
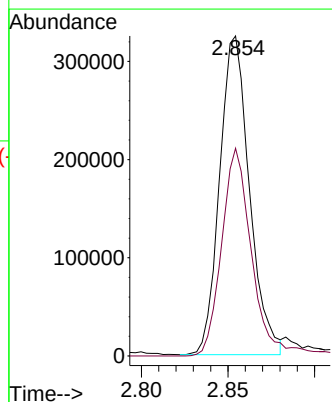
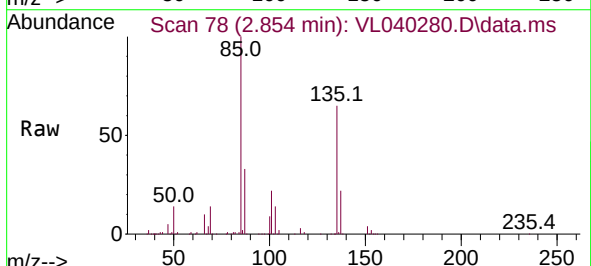
Manual Integrations
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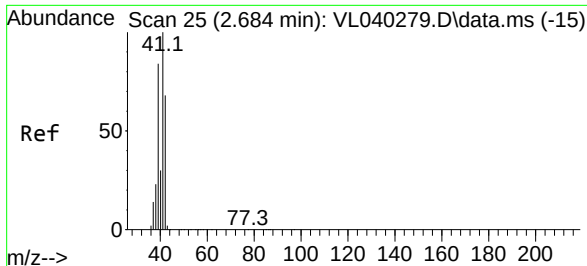
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Dichlorotetrafluoroethane
Concen: 2.231 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion: 85 Resp: 389079
Ion Ratio Lower Upper
85 100
135 67.6 51.5 77.3





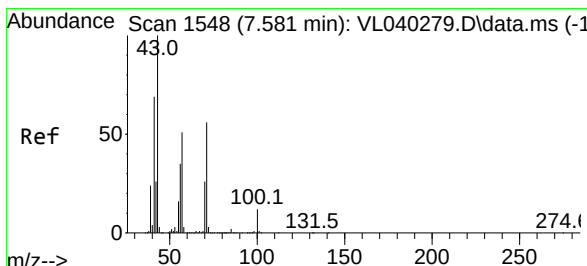
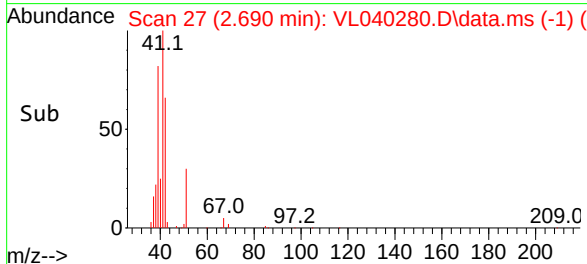
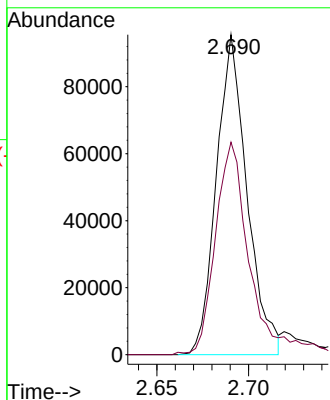
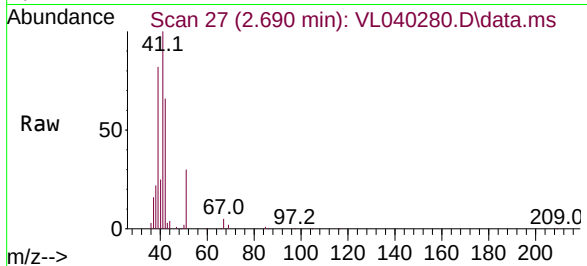
#9
 Propene
 Concen: 2.094 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Tgt Ion: 41 Resp: 110733
 Ion Ratio Lower Upper
 41 100
 42 76.2 56.9 85.3

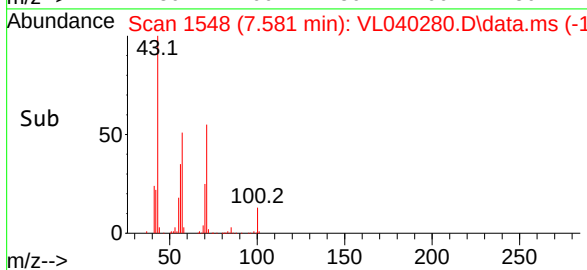
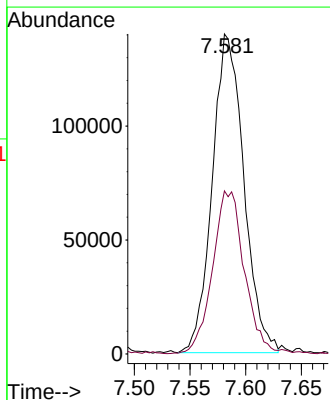
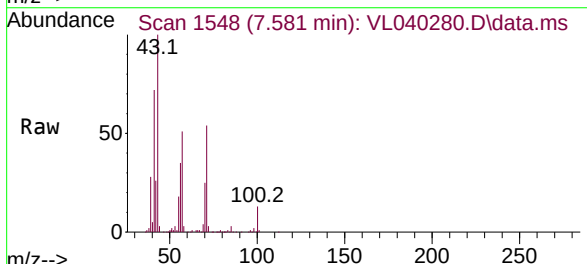
Manual Integrations
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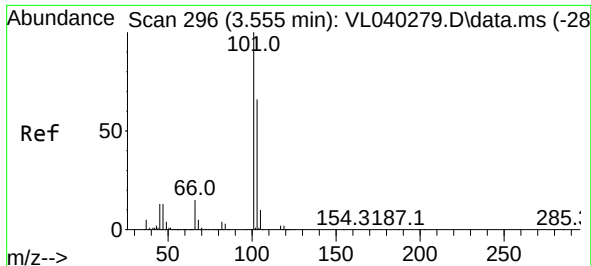
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#10
 Heptane
 Concen: 2.192 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

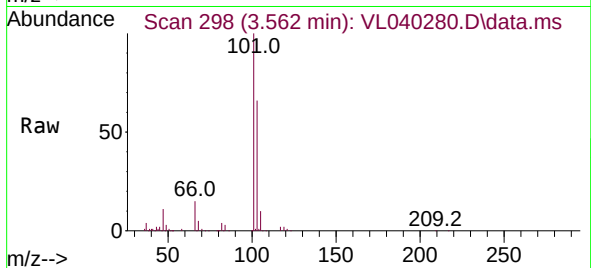
Tgt Ion: 43 Resp: 275923
 Ion Ratio Lower Upper
 43 100
 57 52.3 41.4 62.2





#11
Trichlorofluoromethane
Concen: 2.332 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

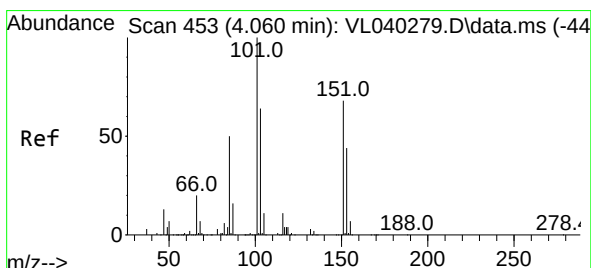
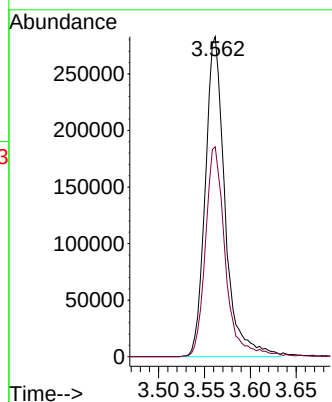
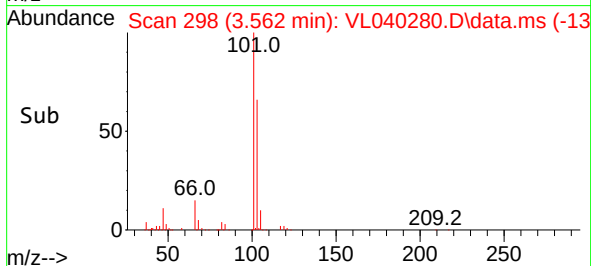
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



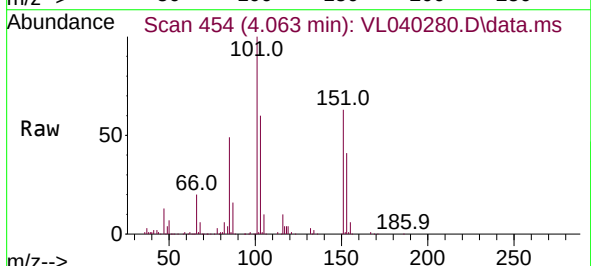
Tgt Ion:101 Resp: 423540
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6

Manual Integrations
APPROVED

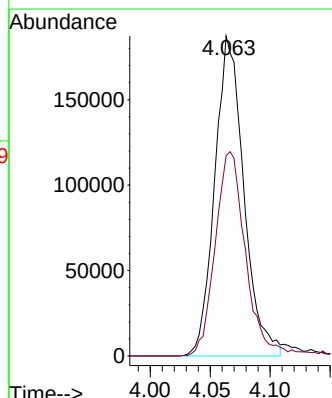
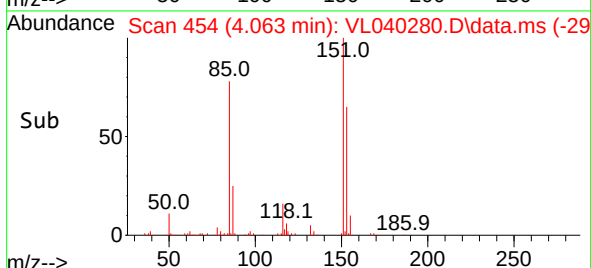
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

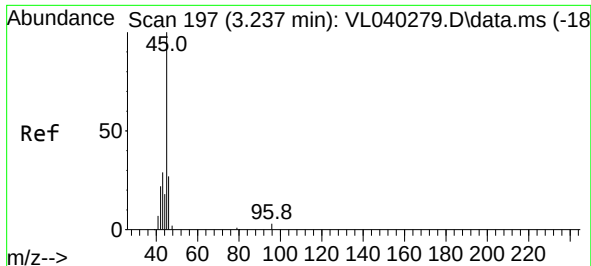


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.355 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



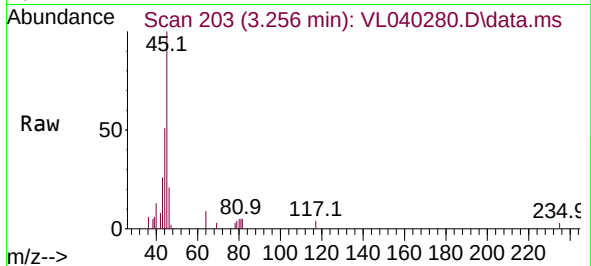
Tgt Ion:101 Resp: 315508
Ion Ratio Lower Upper
101 100
151 67.8 54.7 82.1





#13
Ethanol
Concen: 1.695 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.026 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

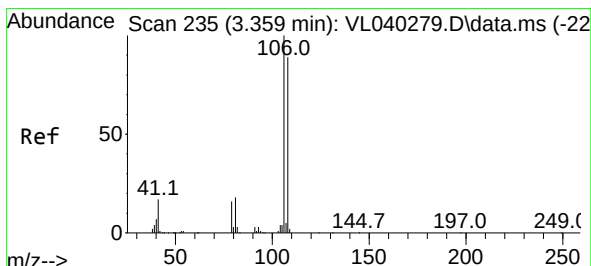
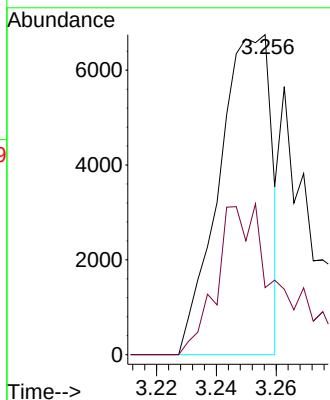
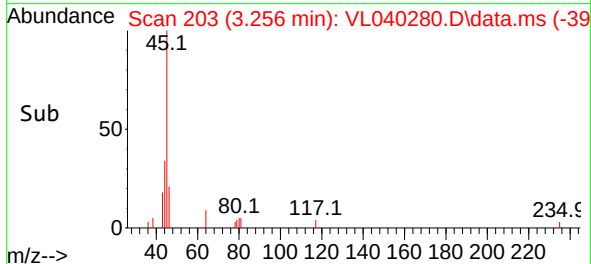
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



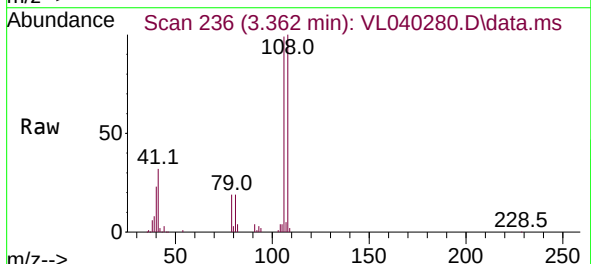
Tgt Ion: 45 Resp: 825
Ion Ratio Lower Upper
45 100
46 69.3 13.3 53.1

Manual Integrations
APPROVED

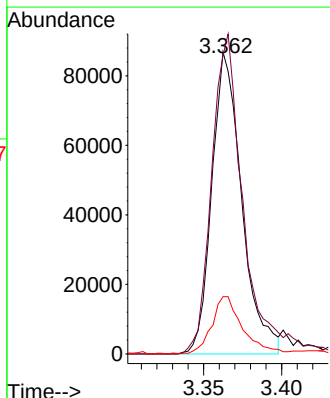
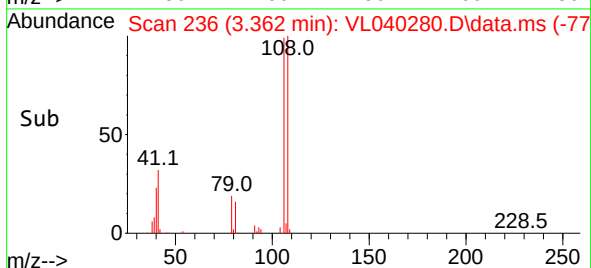
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

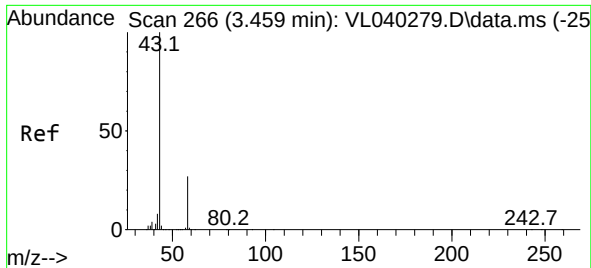


#14
Bromoethene
Concen: 2.260 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion:108 Resp: 116074
Ion Ratio Lower Upper
108 100
106 114.1 87.1 130.7
79 21.7 15.4 23.2





#15

Acetone

Concen: 2.326 ppbv

RT: 3.469 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 30405

Ion Ratio Lower Upper

43 100

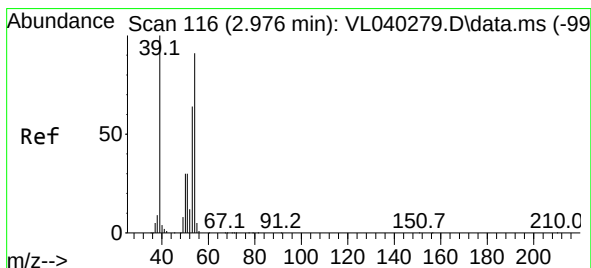
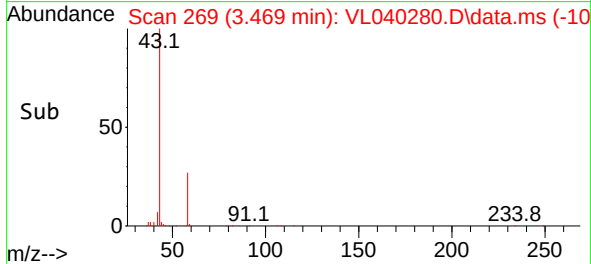
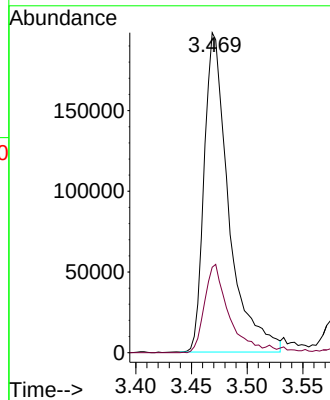
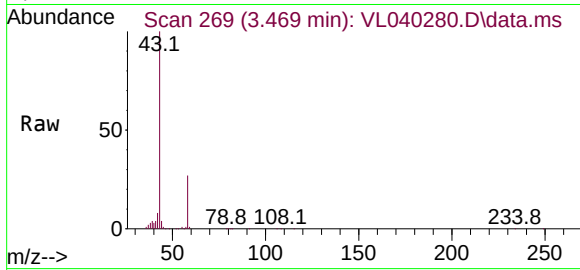
58 28.7 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#16

1,3-Butadiene

Concen: 2.266 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.013 min

Lab File: VL040280.D

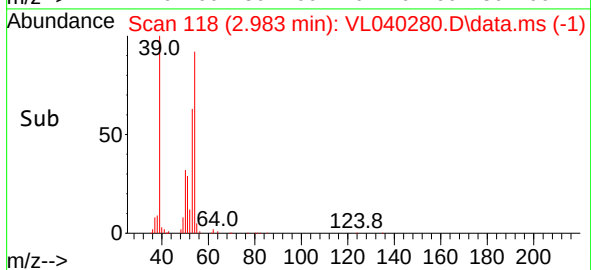
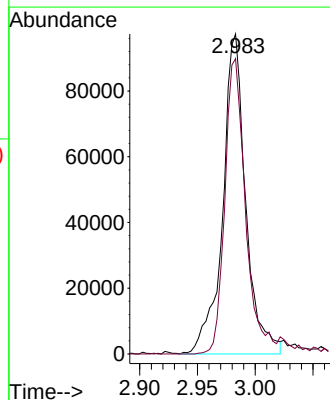
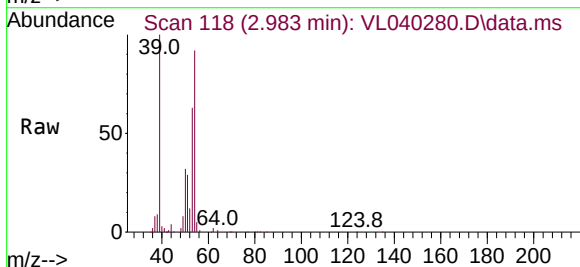
Acq: 15 Mar 2023 12:16

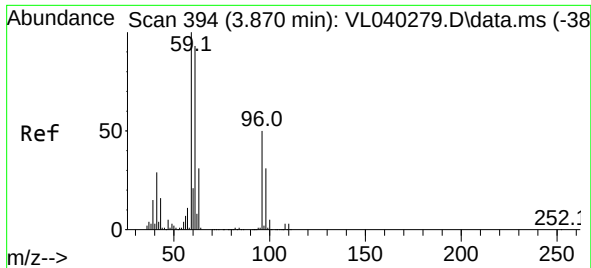
Tgt Ion: 39 Resp: 135279

Ion Ratio Lower Upper

39 100

54 88.1 66.7 100.1





#17

tert-Butyl alcohol

Concen: 2.107 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.013 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 251249

Ion Ratio Lower Upper

59 100

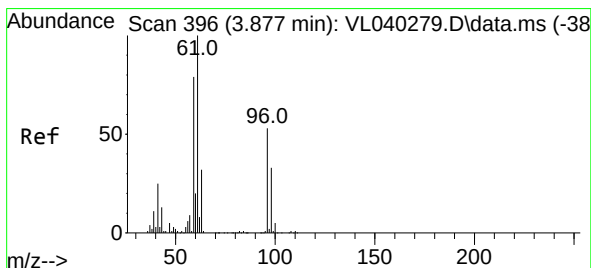
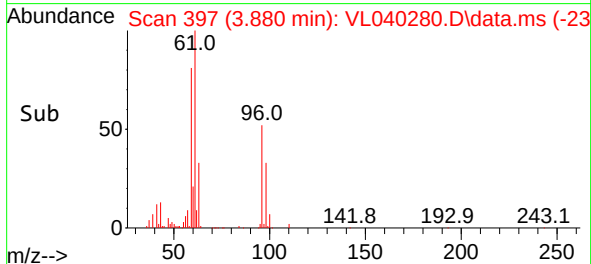
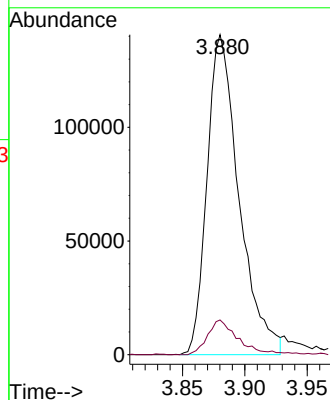
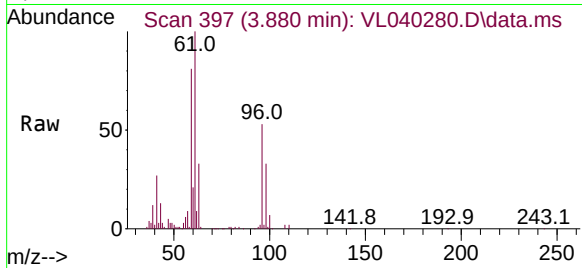
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#18

1,1-Dichloroethene

Concen: 2.421 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.010 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

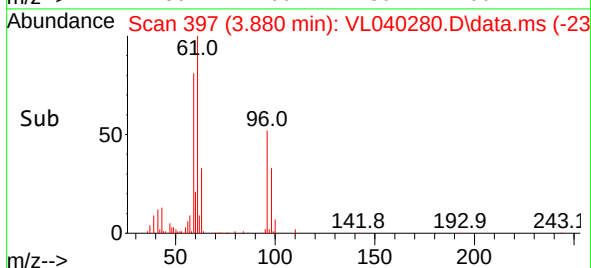
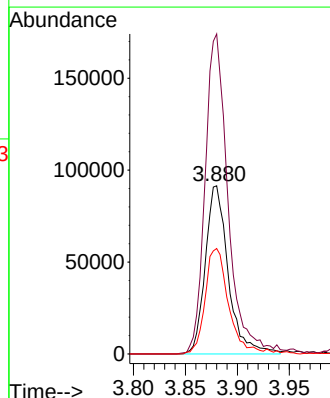
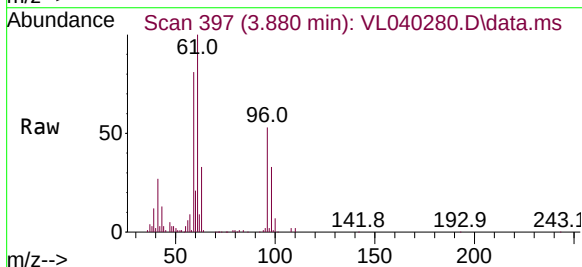
Tgt Ion: 96 Resp: 140891

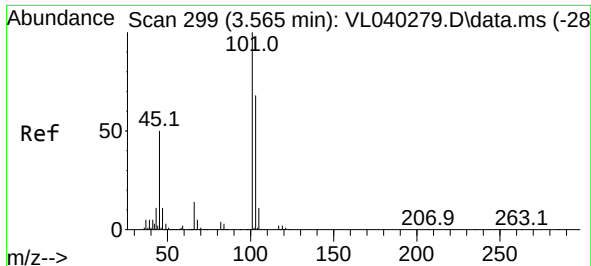
Ion Ratio Lower Upper

96 100

61 189.9 149.6 224.4

98 62.7 51.1 76.7





#19

Isopropyl Alcohol

Concen: 2.224 ppbv

RT: 3.578 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 138204

Ion Ratio Lower Upper

45 100

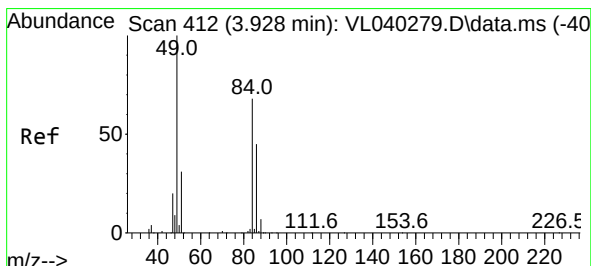
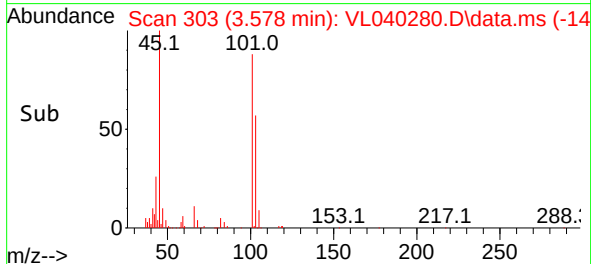
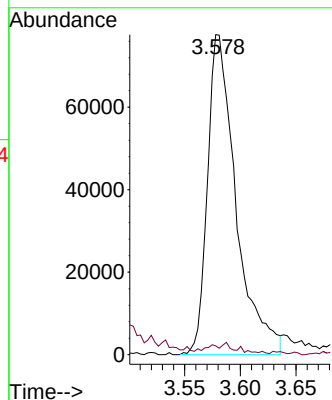
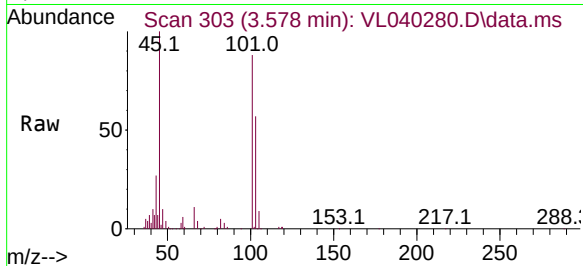
58 3.2 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#20

Methylene Chloride

Concen: 1.759 ppbv

RT: 3.932 min Scan# 413

Delta R.T. 0.010 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Tgt Ion: 84 Resp: 119679

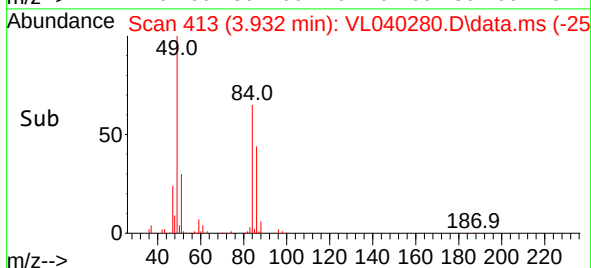
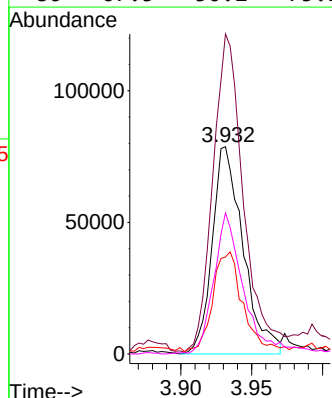
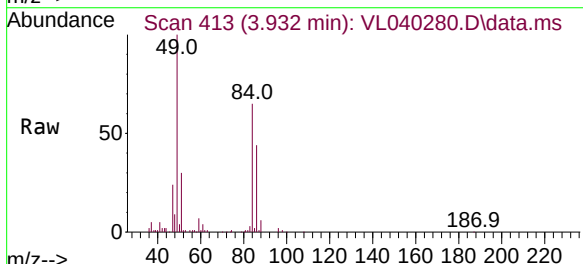
Ion Ratio Lower Upper

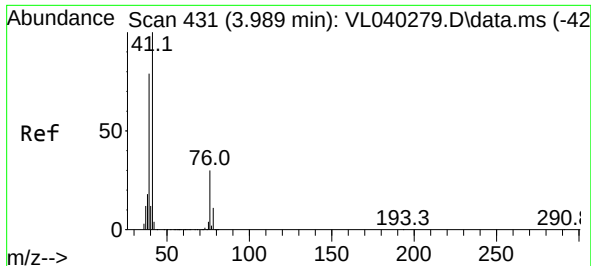
84 100

49 152.9 115.5 173.3

51 43.8 33.1 49.7

86 67.5 50.2 75.2





#21

Allyl Chloride

Concen: 2.415 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 41 Resp: 193660

Ion Ratio Lower Upper

41 100

76 31.9 25.5 38.3

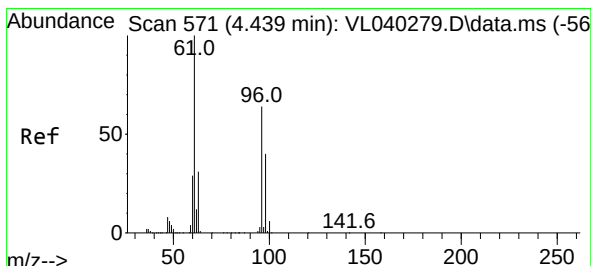
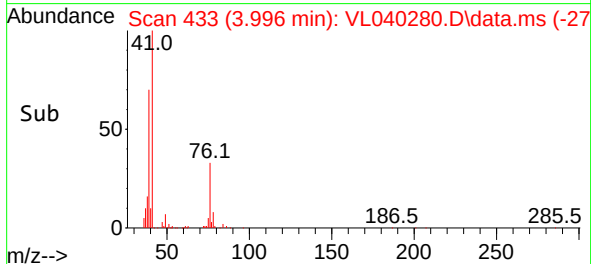
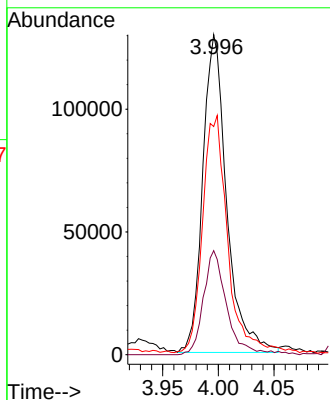
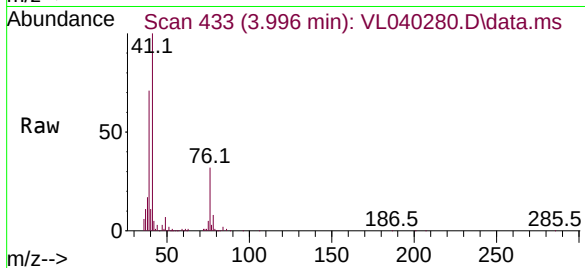
39 80.4 64.5 96.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#22

trans-1,2-Dichloroethene

Concen: 2.206 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.010 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

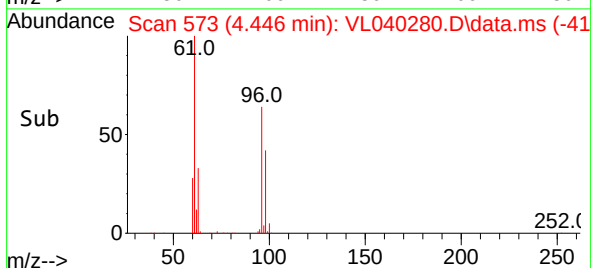
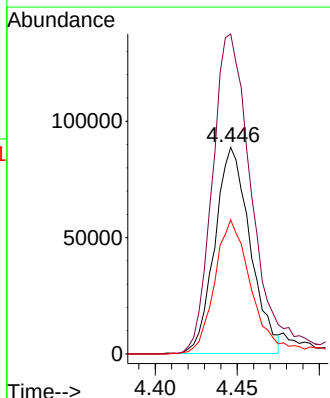
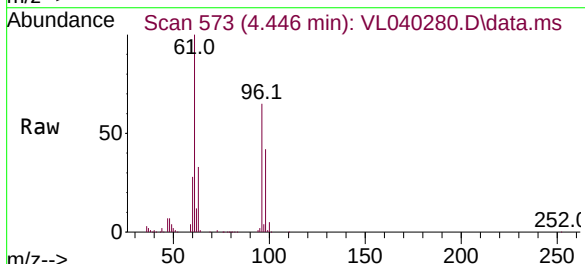
Tgt Ion: 96 Resp: 132951

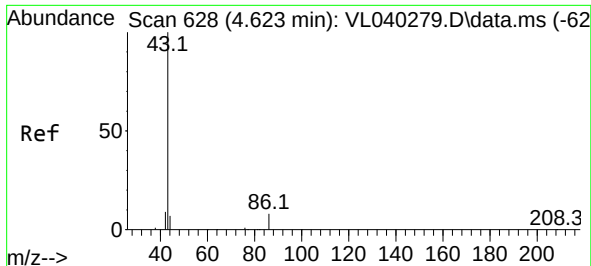
Ion Ratio Lower Upper

96 100

61 154.8 137.5 206.3

98 64.7 52.8 79.2





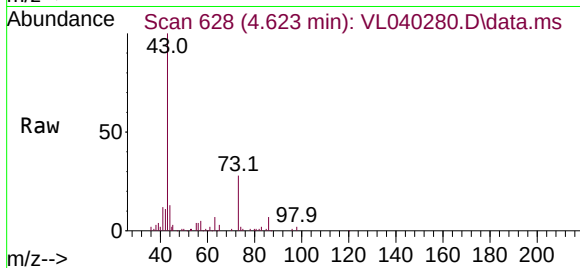
#23
 Vinyl Acetate
 Concen: 1.851 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

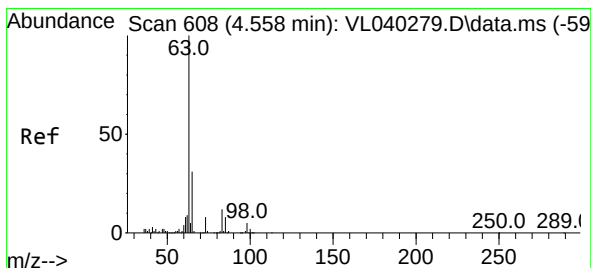
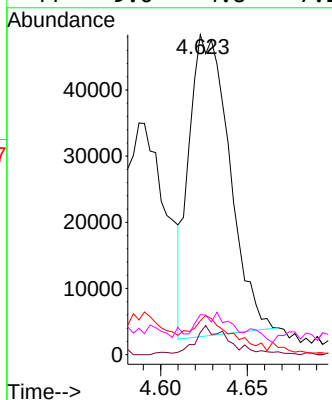
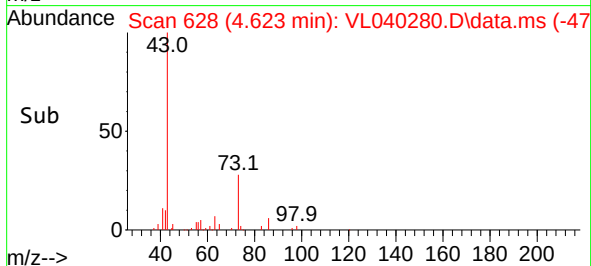


Tgt Ion: 43 Resp: 73448
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 9.1 7.6 11.4
 44 9.6 4.8 7.2#

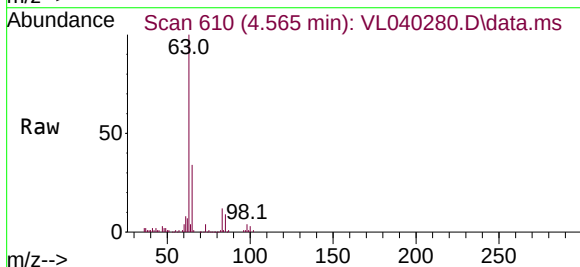
Manual Integrations

APPROVED

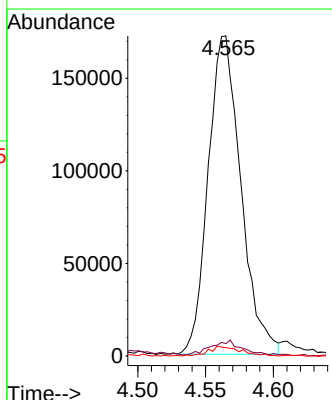
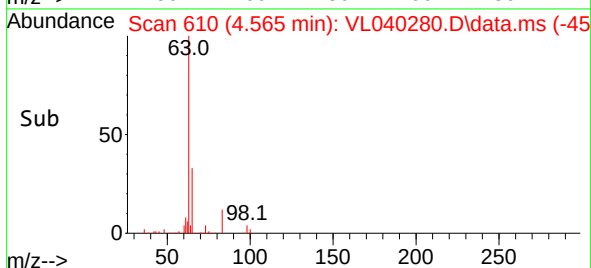
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

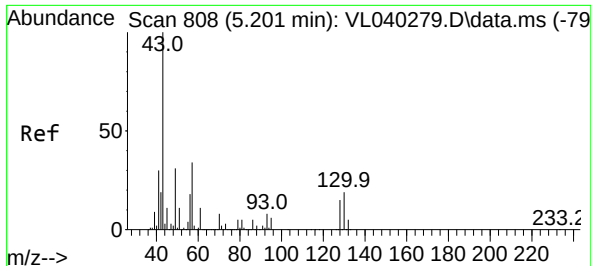


#24
 1,1-Dichloroethane
 Concen: 2.329 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16



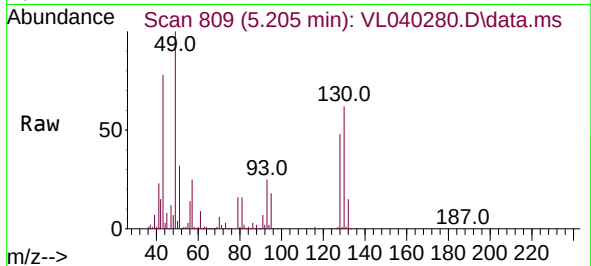
Tgt Ion: 63 Resp: 288838
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.3 6.8
 100 2.6 1.4 4.0





#25
Ethyl Acetate
Concen: 2.246 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

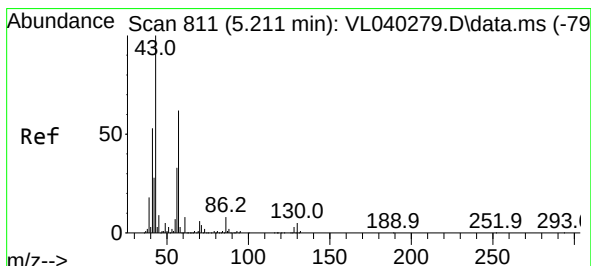
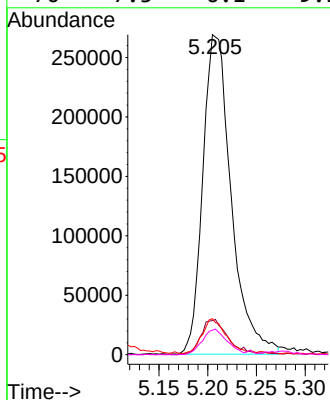
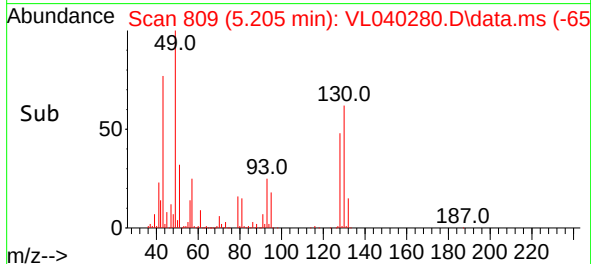
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC002



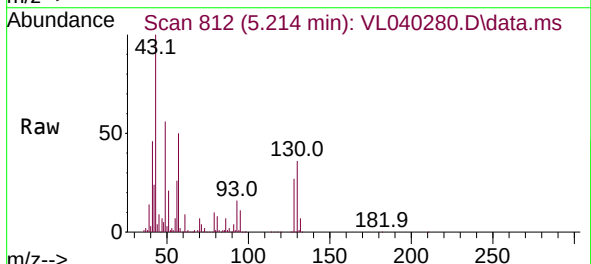
Tgt Ion: 43 Resp: 54587
Ion Ratio Lower Upper
43 100
45 10.9 8.3 12.5
61 9.8 8.4 12.6
70 7.3 6.1 9.1

Manual Integrations
APPROVED

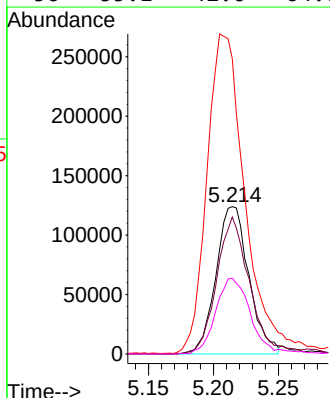
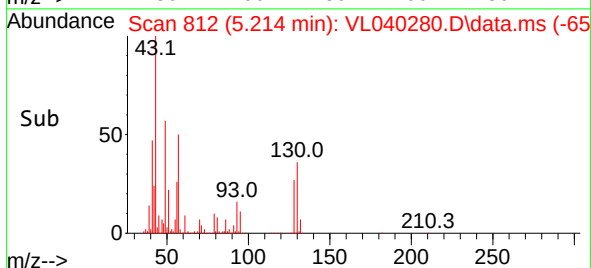
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

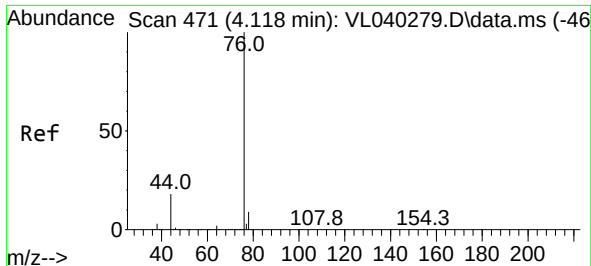


#26
Hexane
Concen: 2.090 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



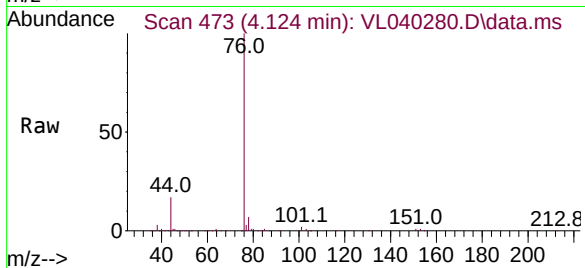
Tgt Ion: 57 Resp: 218016
Ion Ratio Lower Upper
57 100
41 95.8 74.3 111.5
43 256.8 193.0 289.4
56 55.1 42.6 64.0





#27
Carbon Disulfide
Concen: 2.337 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

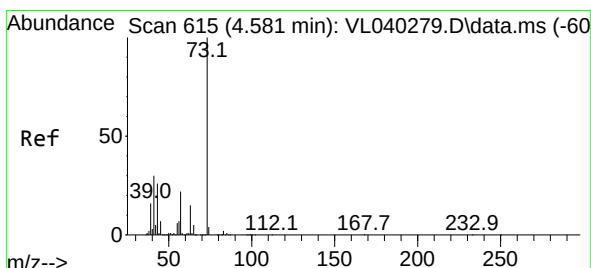
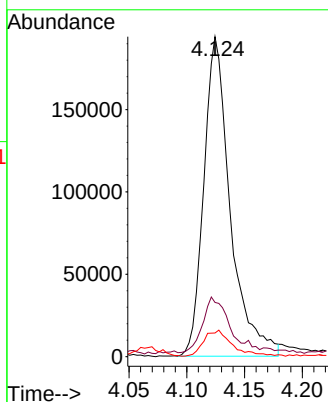
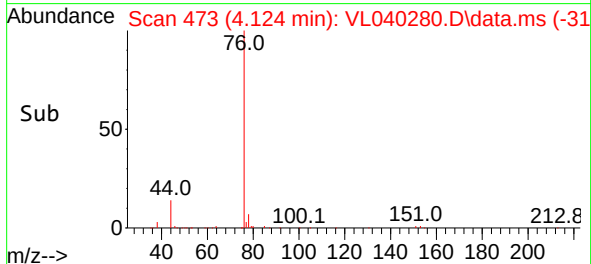
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 76 Resp: 30933
Ion Ratio Lower Upper
76 100
44 20.7 15.3 22.9
78 9.2 7.7 11.5

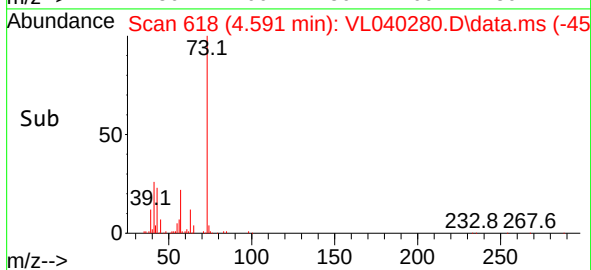
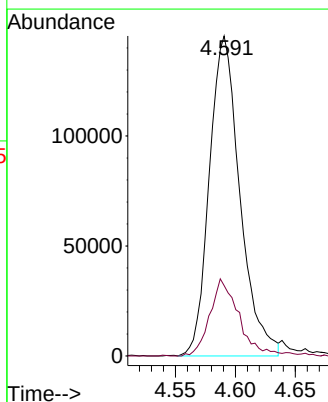
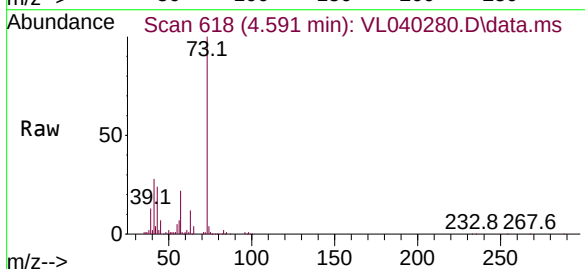
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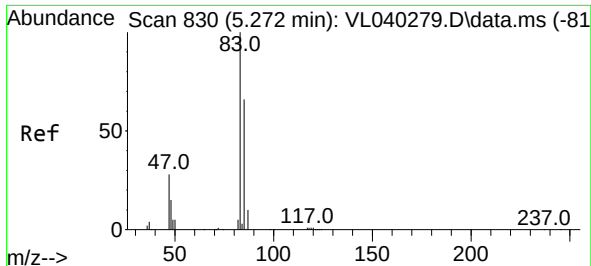
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#28
Methyl tert-Butyl Ether
Concen: 2.306 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.013 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion: 73 Resp: 257724
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 2.202 ppbv

RT: 5.276 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL040280.D

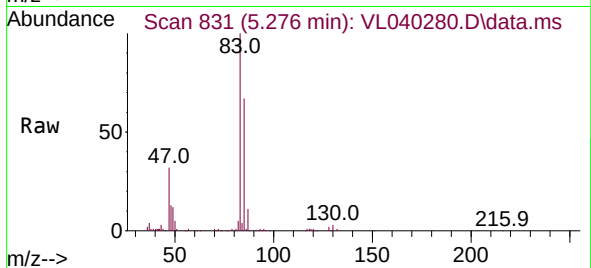
Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 83 Resp: 39454

Ion Ratio Lower Upper

83 100

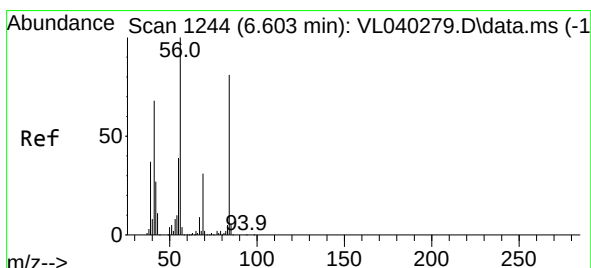
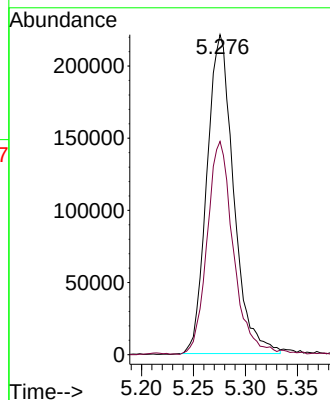
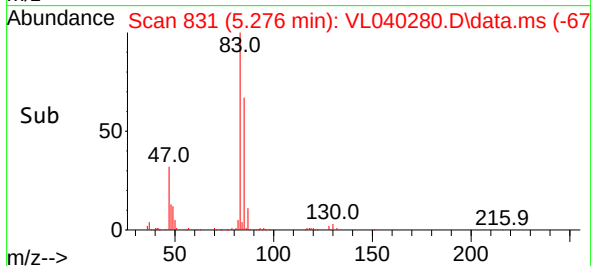
85 66.8 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Cyclohexane

Concen: 2.110 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

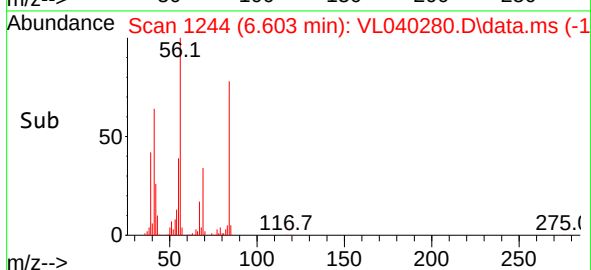
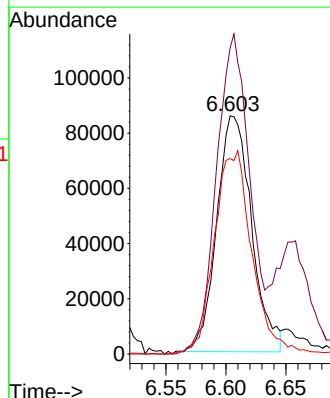
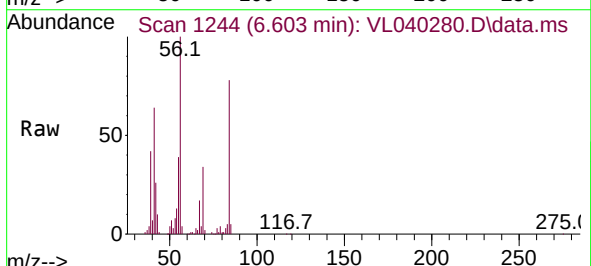
Tgt Ion: 84 Resp: 172881

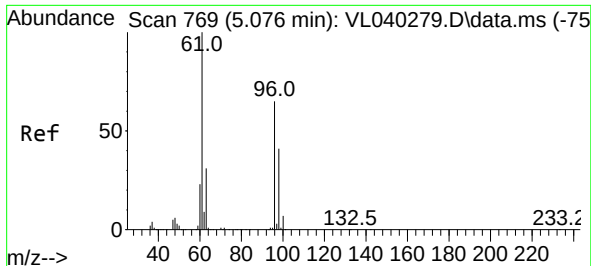
Ion Ratio Lower Upper

84 100

56 128.5 109.9 164.9

41 92.7 67.8 101.6





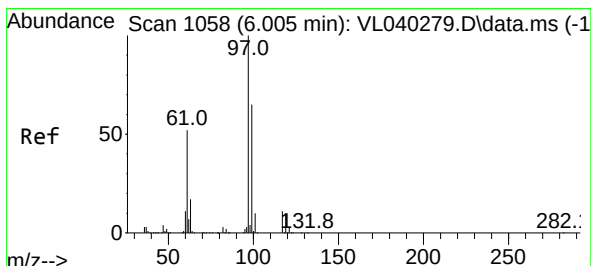
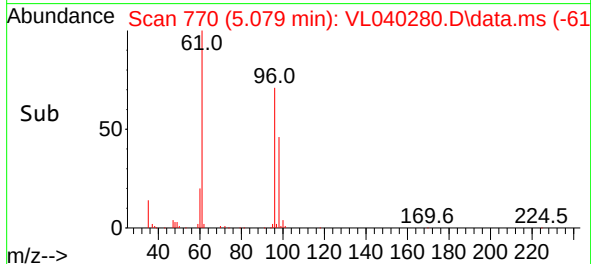
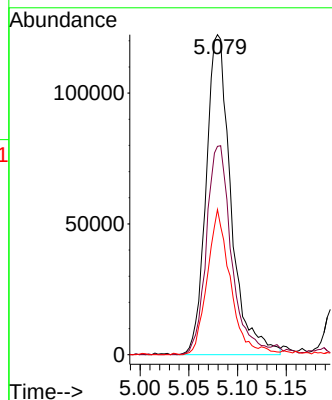
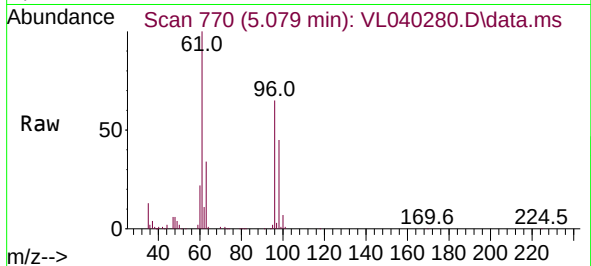
#31
 cis-1,2-Dichloroethene
 Concen: 2.195 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 217538
 Ion Ratio Lower Upper
 61 100
 96 64.9 53.7 80.5
 98 45.3 36.4 54.6

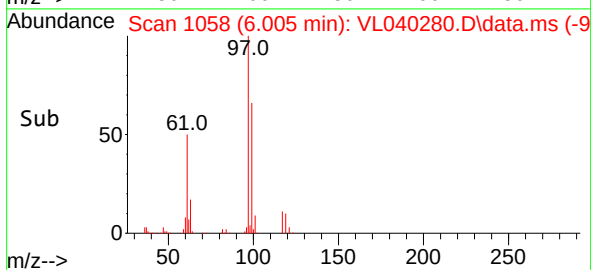
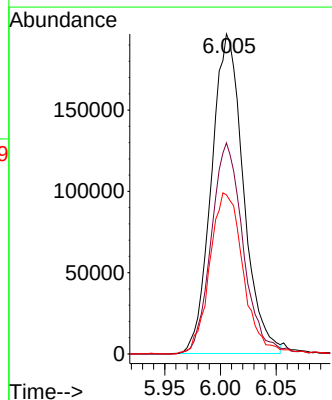
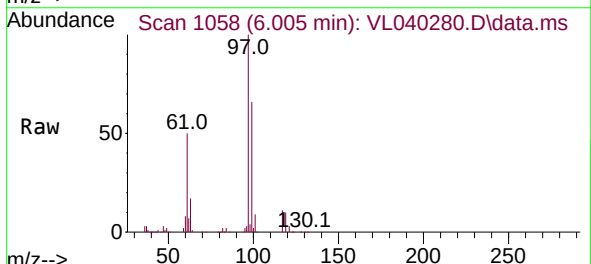
Manual Integrations
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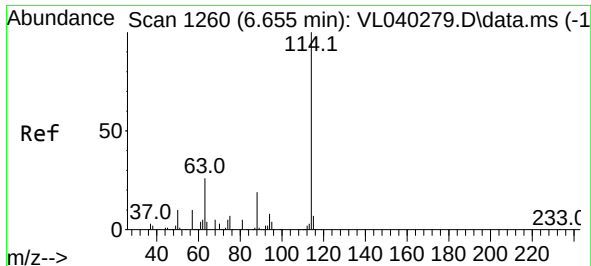
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 2.330 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.007 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Tgt Ion: 97 Resp: 392223
 Ion Ratio Lower Upper
 97 100
 99 66.5 51.5 77.3
 61 53.4 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 292521

Ion Ratio Lower Upper

114 100

63 26.1 20.4 30.6

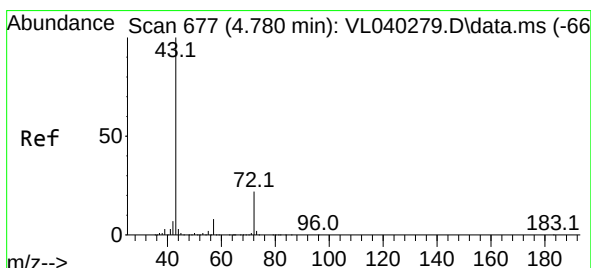
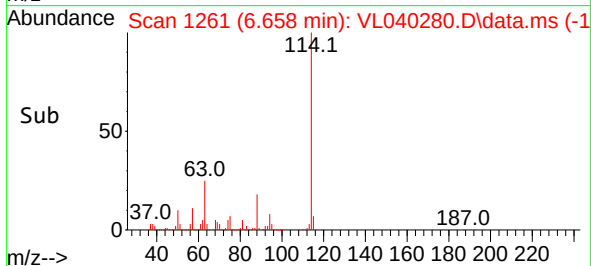
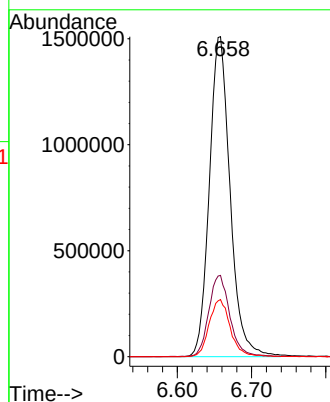
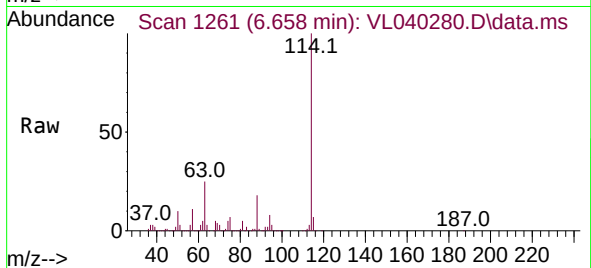
88 18.3 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

2-Butanone

Concen: 2.254 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.013 min

Lab File: VL040280.D

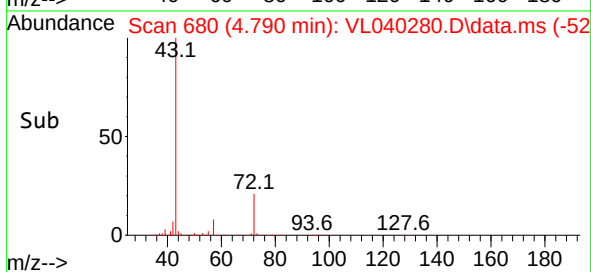
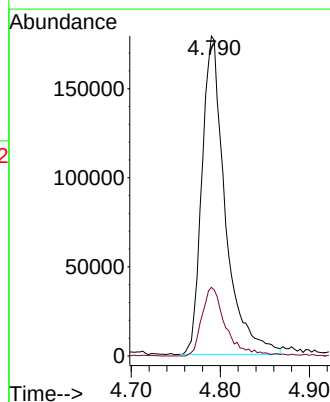
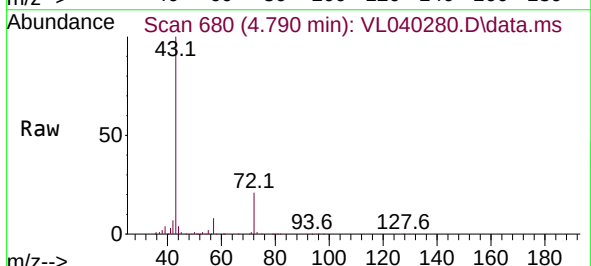
Acq: 15 Mar 2023 12:16

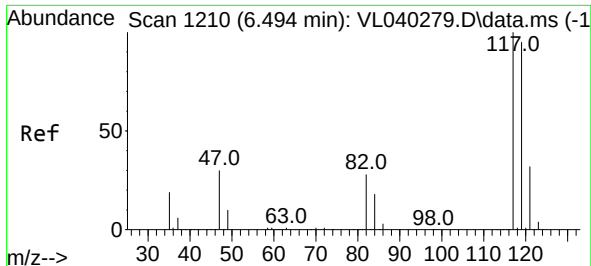
Tgt Ion: 43 Resp: 325200

Ion Ratio Lower Upper

43 100

72 22.3 17.8 26.8





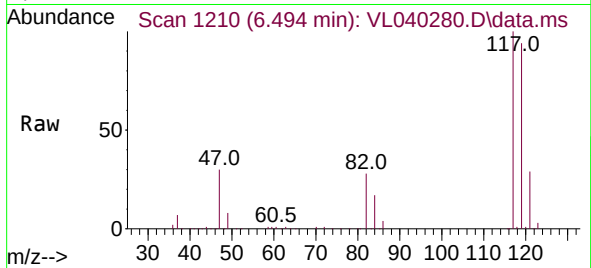
#35
Carbon Tetrachloride
Concen: 2.337 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

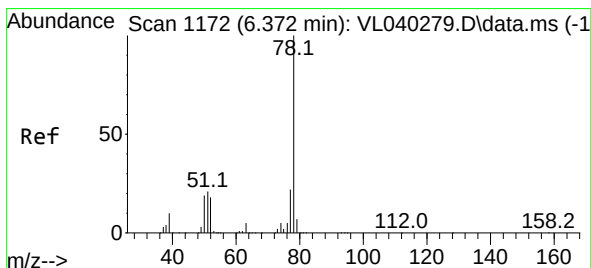
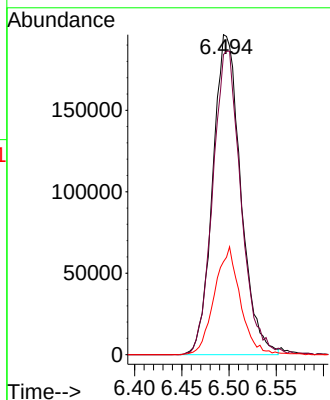
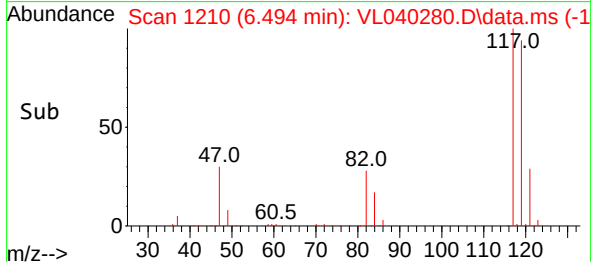


Tgt Ion: 117 Resp: 40417
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 29.1 25.0 37.4

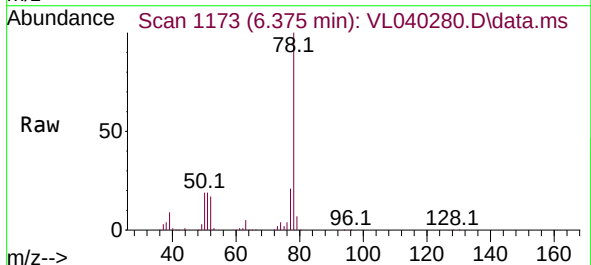
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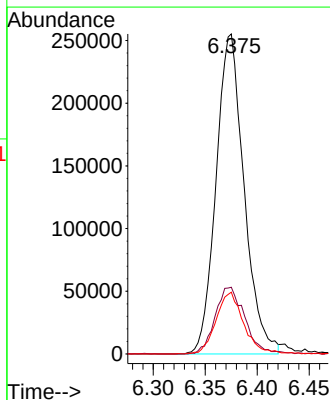
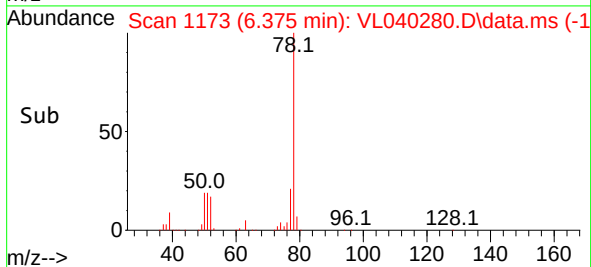
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

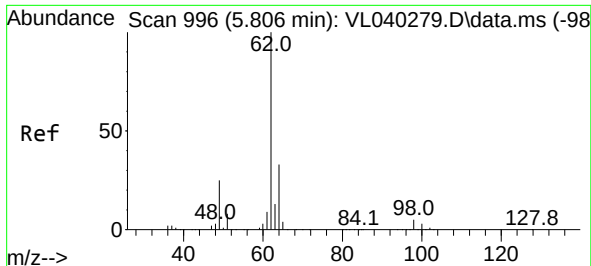


#36
Benzene
Concen: 2.103 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion: 78 Resp: 478807
Ion Ratio Lower Upper
78 100
77 20.9 17.5 26.3
50 19.2 14.6 22.0





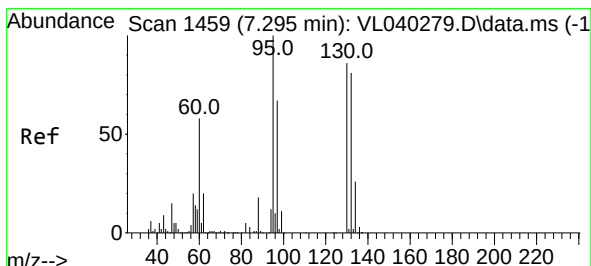
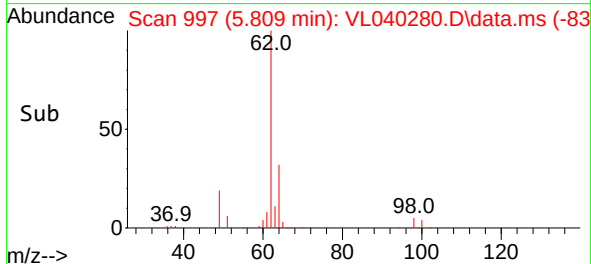
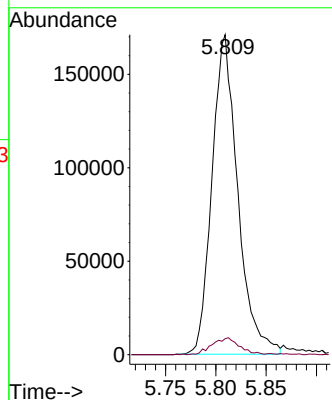
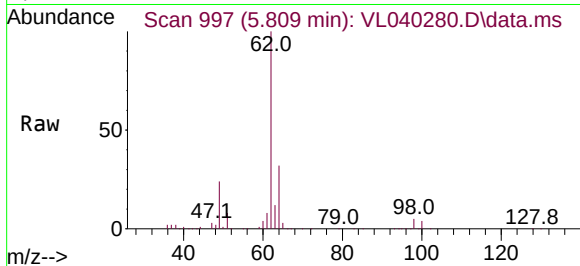
#37
1,2-Dichloroethane
Concen: 2.138 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 304340
Ion Ratio Lower Upper
62 100
98 6.0 4.7 7.1

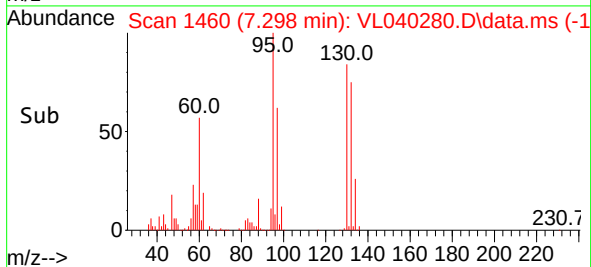
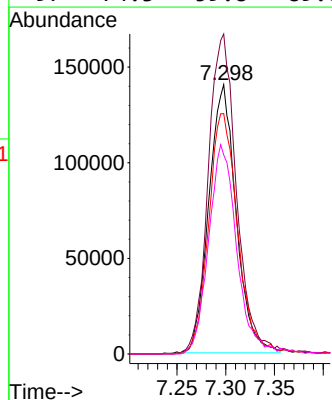
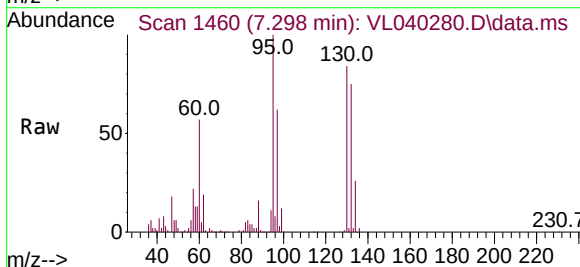
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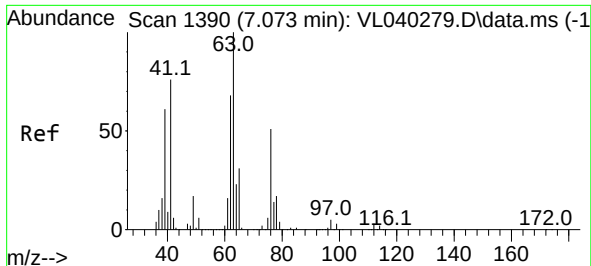
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#38
Trichloroethene
Concen: 2.174 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:130 Resp: 272749
Ion Ratio Lower Upper
130 100
95 119.2 94.7 142.1
132 89.3 76.4 114.6
97 74.3 59.8 89.6





#39

1,2-Dichloropropane

Concen: 2.103 ppbv

RT: 7.079 min Scan# 1461

Delta R.T. 0.007 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

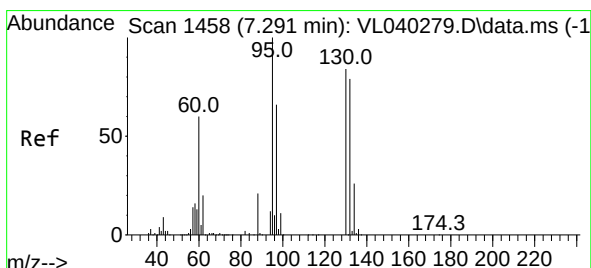
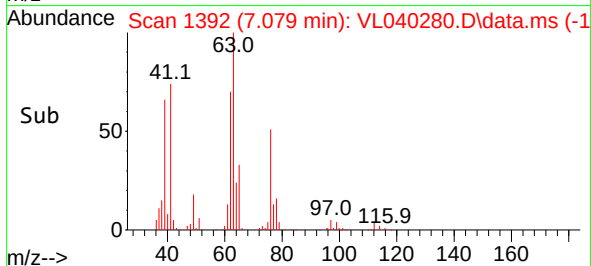
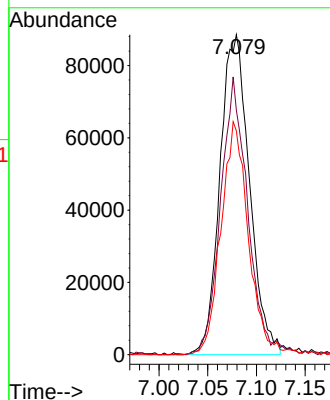
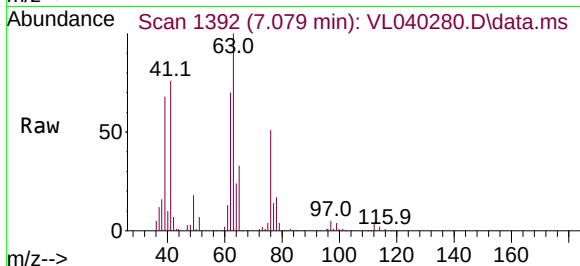
Tgt Ion: 63 Resp: 186225

Ion	Ratio	Lower	Upper
63	100		
41	76.1	57.6	86.4
62	69.9	54.0	81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#40

1,4-Dioxane

Concen: 1.949 ppbv

RT: 7.301 min Scan# 1461

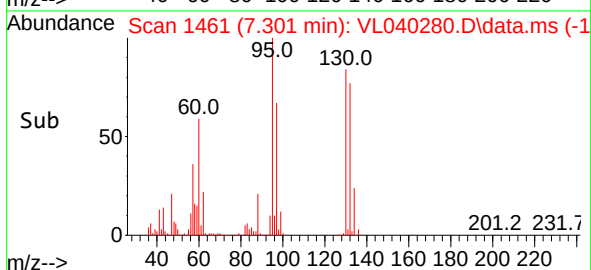
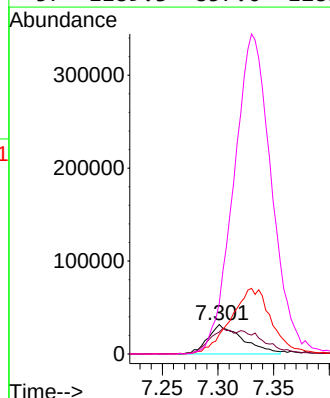
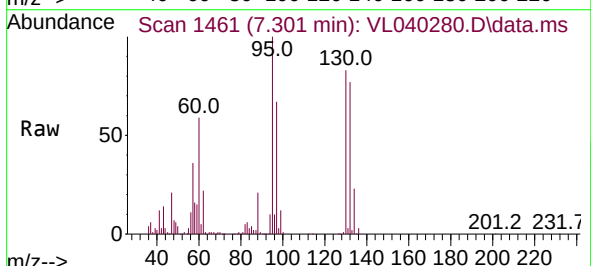
Delta R.T. 0.016 min

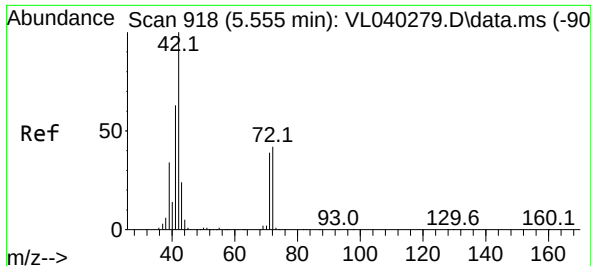
Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Tgt Ion: 88 Resp: 69033

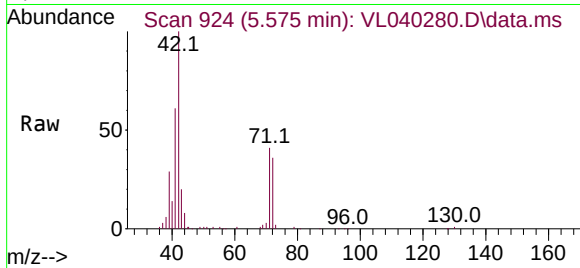
Ion	Ratio	Lower	Upper
88	100		
58	125.9	97.4	146.0
43	264.9	193.5	290.3
57	1189.3	857.0	1285.6





#41
Tetrahydrofuran
Concen: 2.212 ppbv m
RT: 5.575 min Scan# 918
Delta R.T. 0.023 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

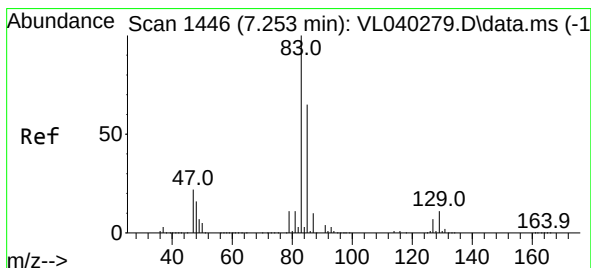
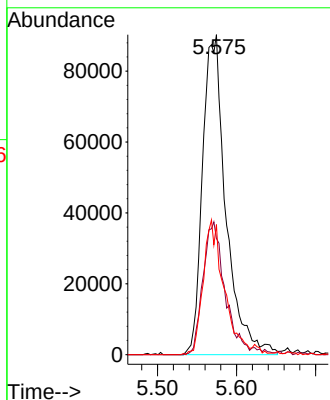
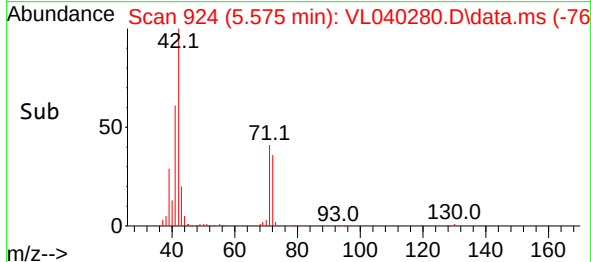
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 184970
Ion Ratio Lower Upper
42 100
72 40.3 33.0 49.4
71 38.8 31.4 47.2

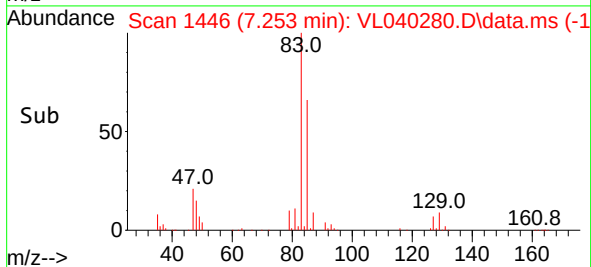
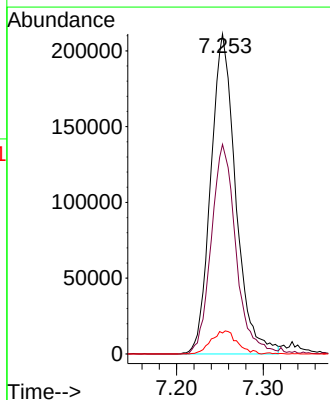
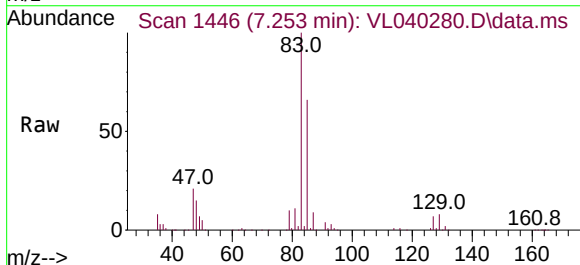
Manual Integrations
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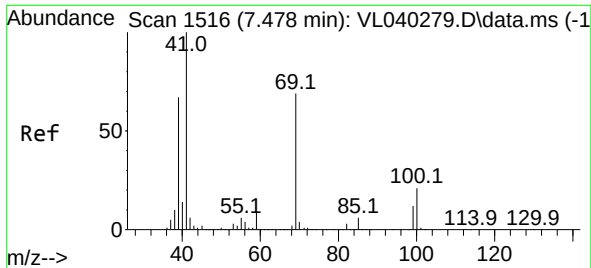
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
Bromodichloromethane
Concen: 2.152 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

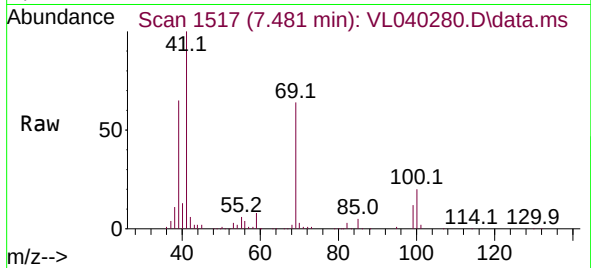
Tgt Ion: 83 Resp: 422814
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 6.6 6.2 9.2





#43
Methyl Methacrylate
Concen: 2.106 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

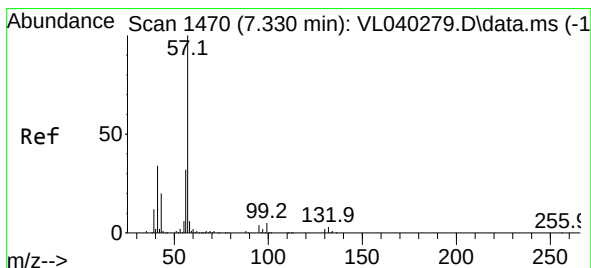
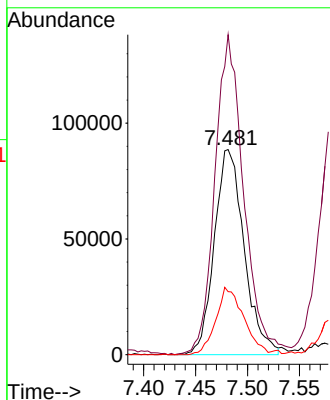
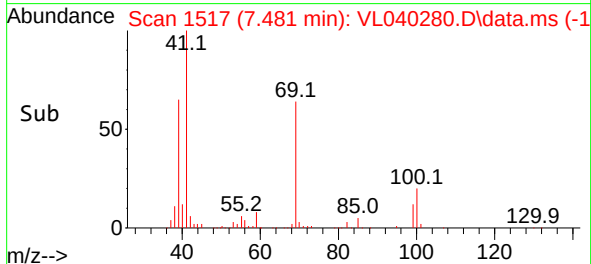
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



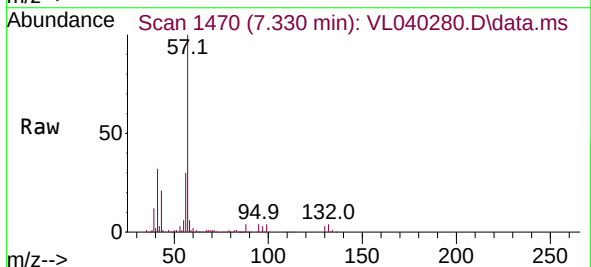
Tgt Ion: 69 Resp: 17740
Ion Ratio Lower Upper
69 100
41 150.9 116.6 174.8
100 31.2 25.6 38.4

Manual Integrations
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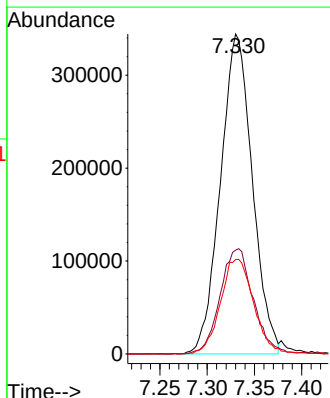
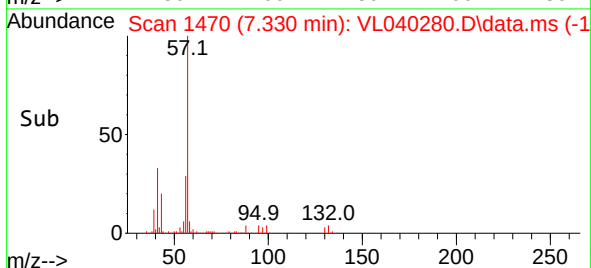
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

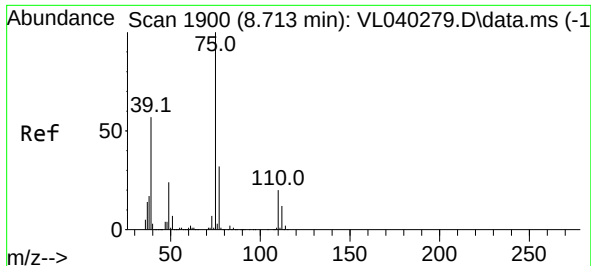


#44
2,2,4-Trimethylpentane
Concen: 2.125 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion: 57 Resp: 807390
Ion Ratio Lower Upper
57 100
41 34.3 26.2 39.4
56 31.0 24.9 37.3





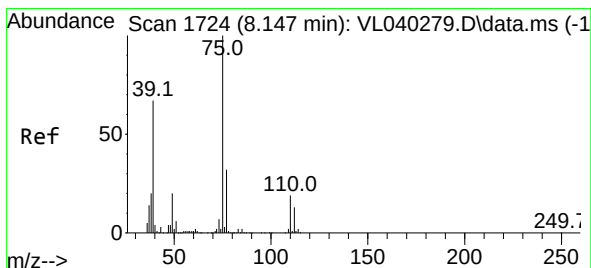
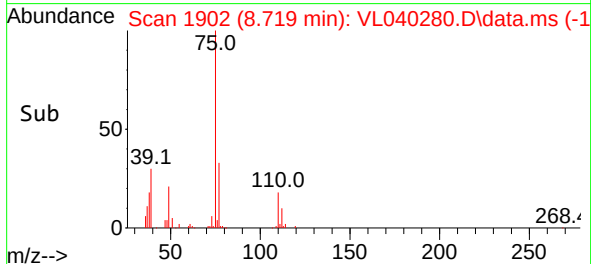
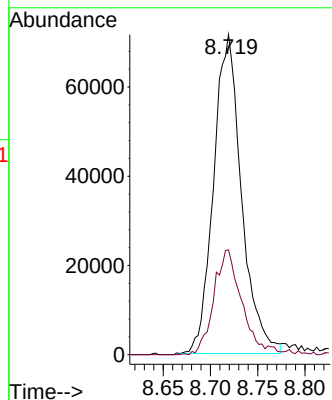
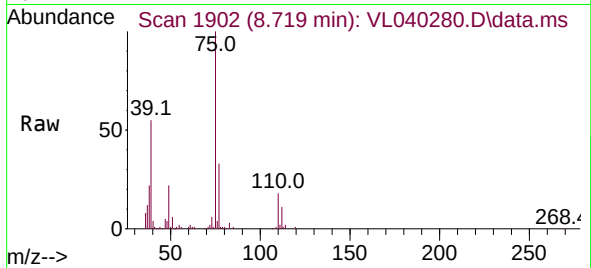
#45
t-1,3-Dichloropropene
Concen: 1.966 ppbv
RT: 8.719 min Scan# 1900
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 75 Resp: 14686
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5

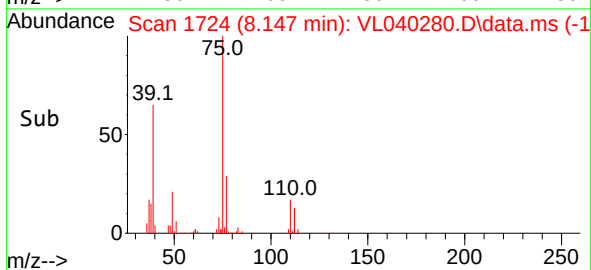
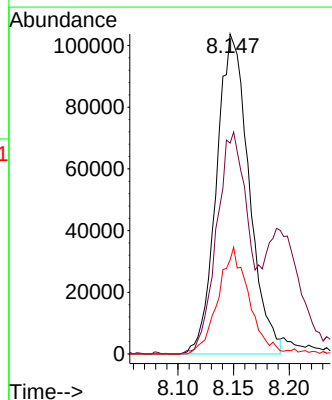
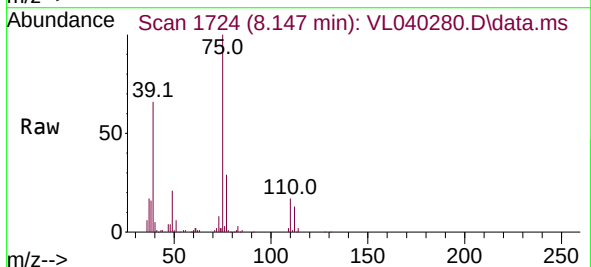
Manual Integrations
APPROVED

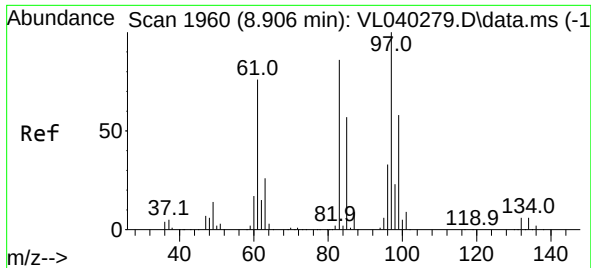
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#46
cis-1,3-Dichloropropene
Concen: 2.023 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

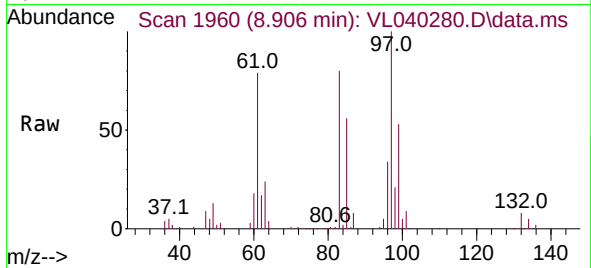
Tgt Ion: 75 Resp: 210543
Ion Ratio Lower Upper
75 100
39 65.9 54.2 81.2
77 29.4 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 2.057 ppbv
RT: 8.906 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

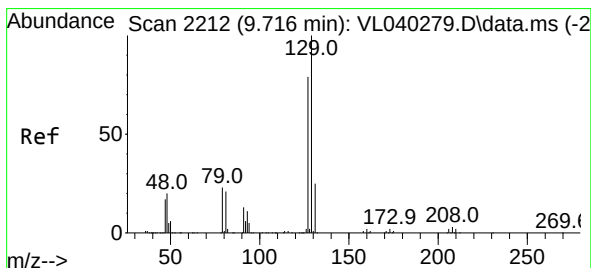
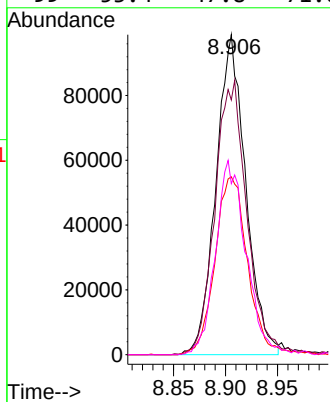
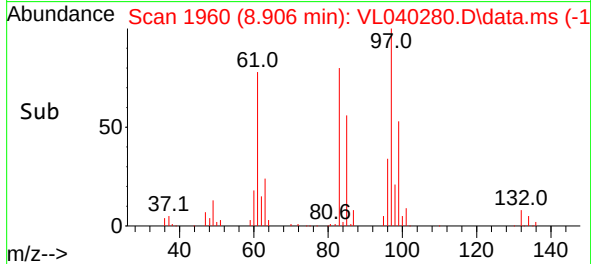
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



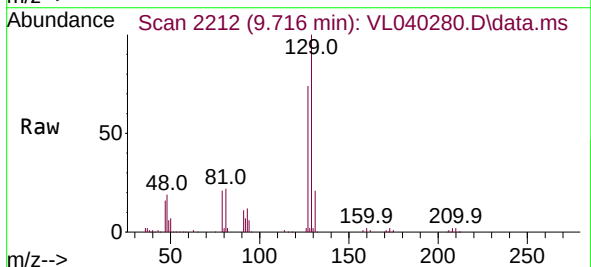
Tgt Ion: 97 Resp: 197020
Ion Ratio Lower Upper
97 100
83 79.4 72.8 109.2
85 55.6 46.6 69.8
99 53.4 47.8 71.6

Manual Integrations
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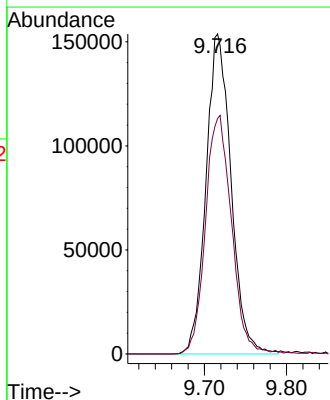
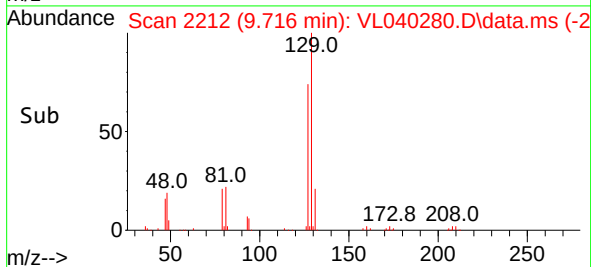
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

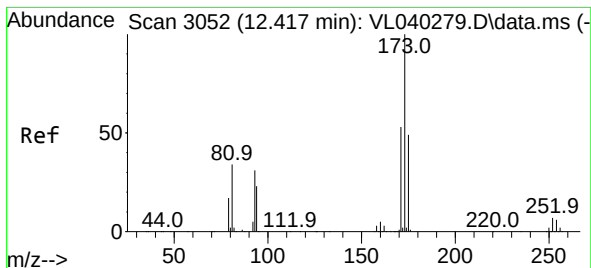


#48
Dibromochloromethane
Concen: 2.128 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion:129 Resp: 326091
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#49

Bromoform

Concen: 2.056 ppbv

RT: 12.413 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:173 Resp: 245810

Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.0

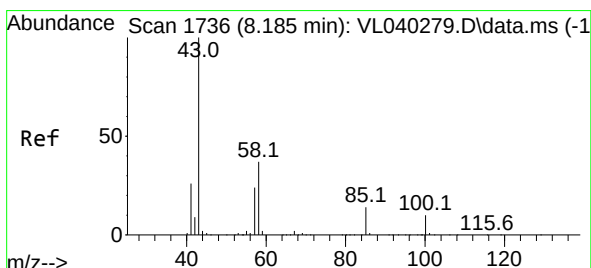
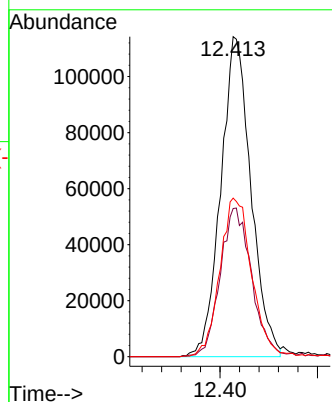
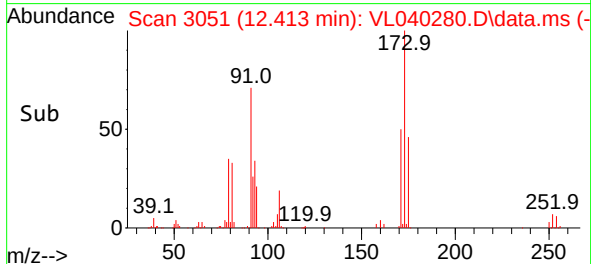
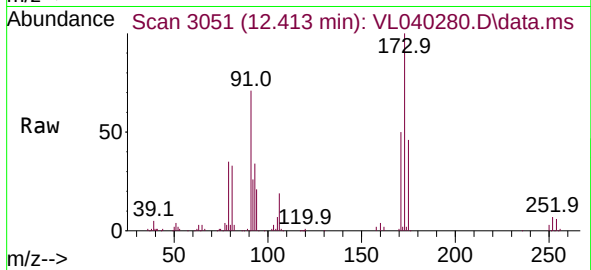
171 52.9 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#50

4-Methyl-2-Pentanone

Concen: 2.176 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.013 min

Lab File: VL040280.D

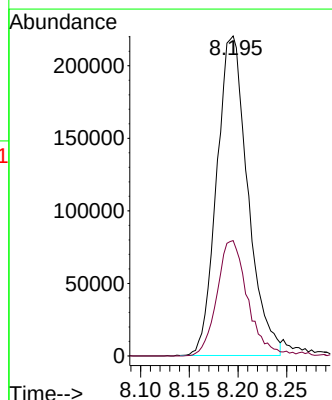
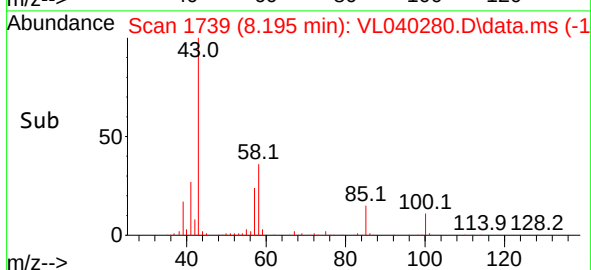
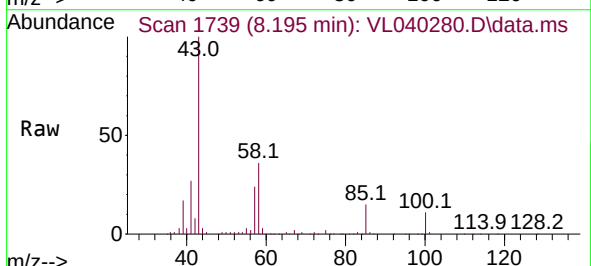
Acq: 15 Mar 2023 12:16

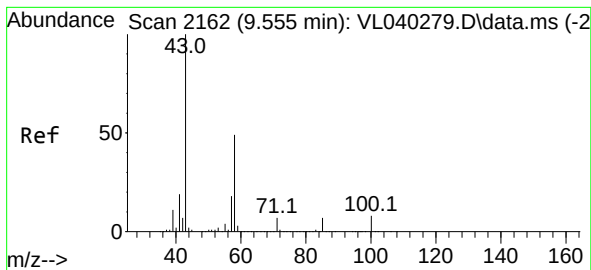
Tgt Ion: 43 Resp: 487530

Ion Ratio Lower Upper

43 100

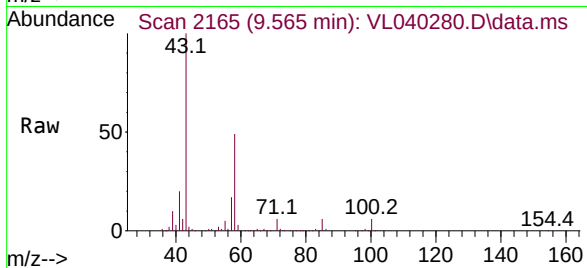
58 36.5 29.2 43.8





#51
2-Hexanone
Concen: 2.222 ppbv
RT: 9.565 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

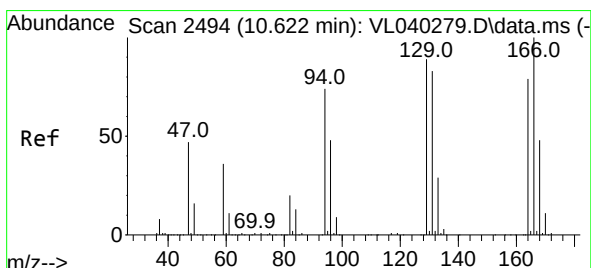
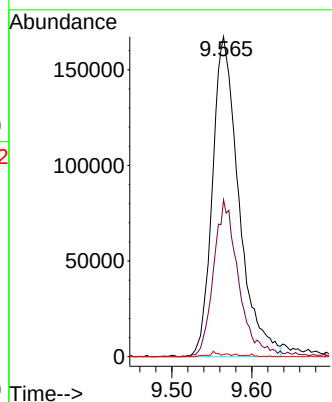
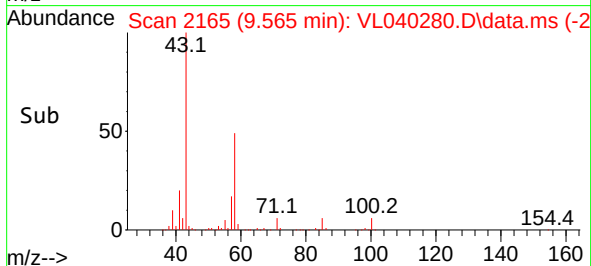
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 38281
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7
98 0.7 0.2 0.4

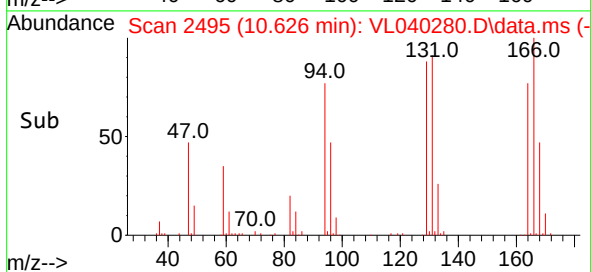
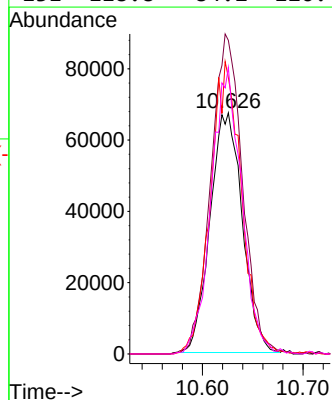
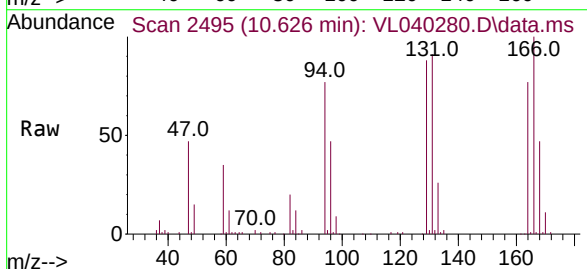
Manual Integrations
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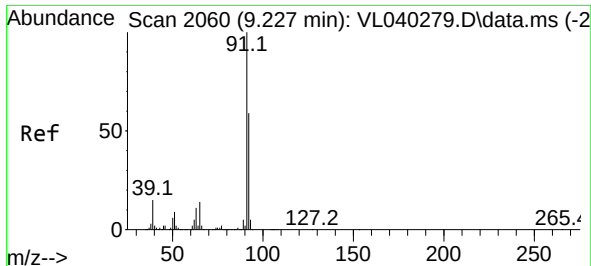
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Tetrachloroethene
Concen: 2.105 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:164 Resp: 149606
Ion Ratio Lower Upper
164 100
166 129.5 101.5 152.3
129 114.6 89.0 133.4
131 118.8 84.2 126.4





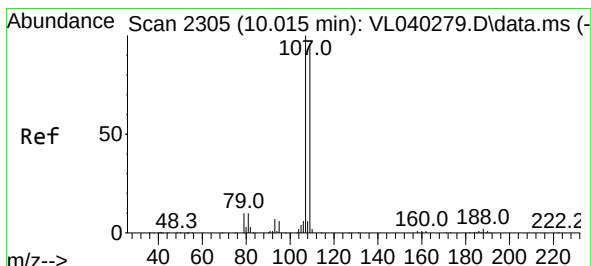
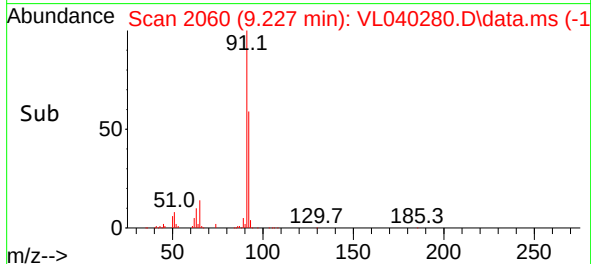
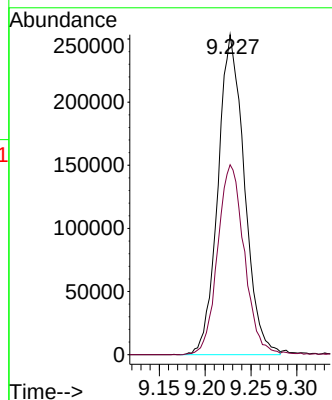
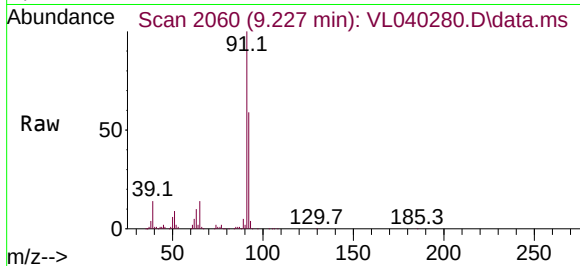
#53
Toluene
Concen: 2.080 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 507048
Ion Ratio Lower Upper
91 100
92 60.4 48.9 73.3

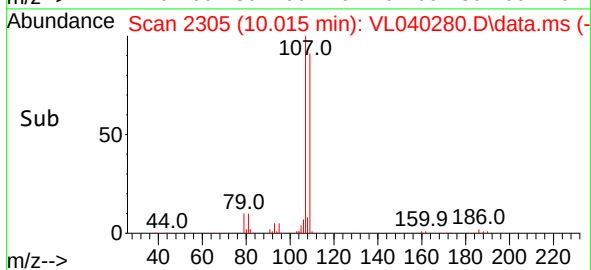
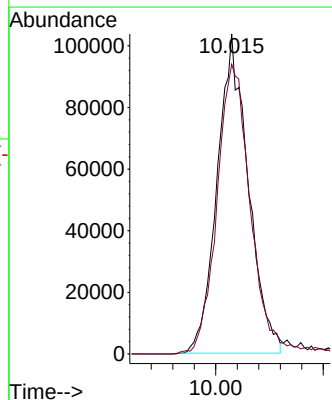
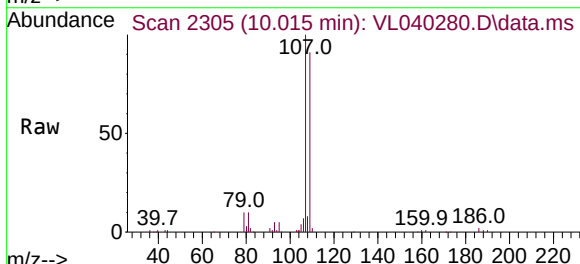
Manual Integrations
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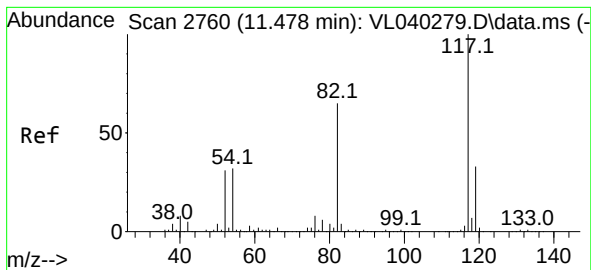
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#54
1,2-Dibromoethane
Concen: 2.081 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:107 Resp: 207367
Ion Ratio Lower Upper
107 100
109 90.2 73.8 110.8





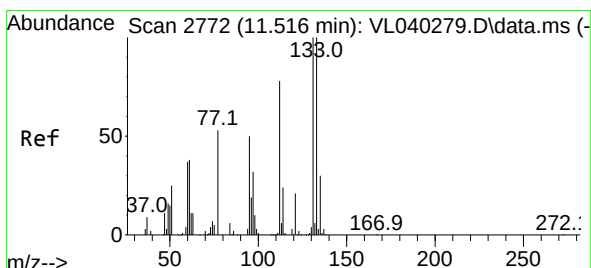
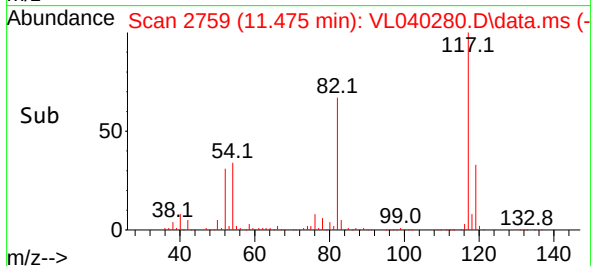
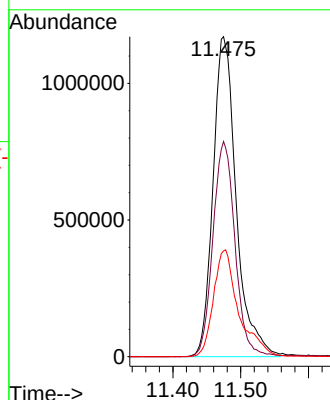
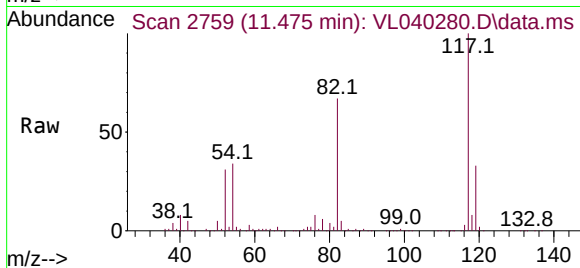
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 277850
Ion Ratio Lower Upper
117 100
82 64.4 53.3 79.9
119 36.6 24.6 37.0

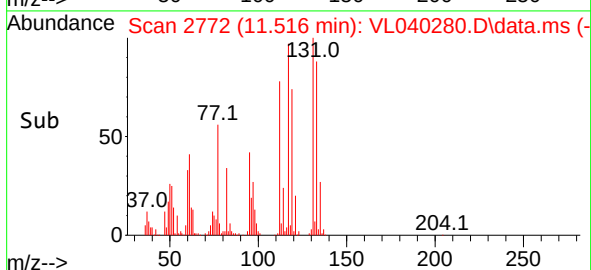
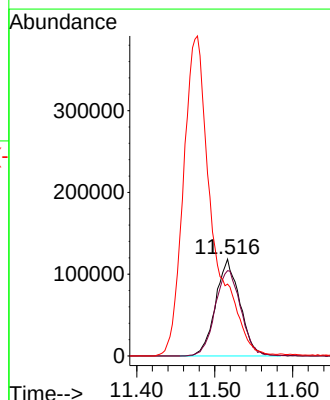
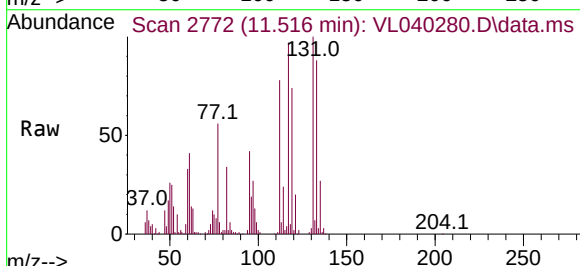
Manual Integrations
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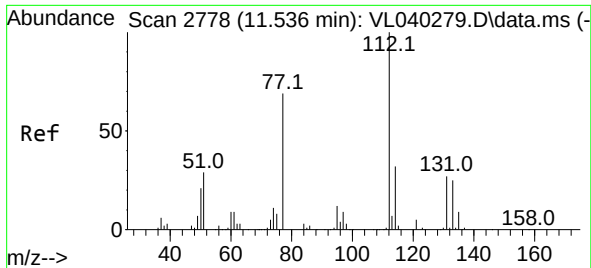
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 2.199 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:131 Resp: 256442
Ion Ratio Lower Upper
131 100
133 93.3 76.2 114.2
119 396.5 45.4 68.0#





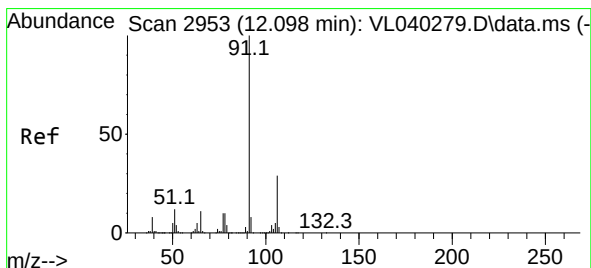
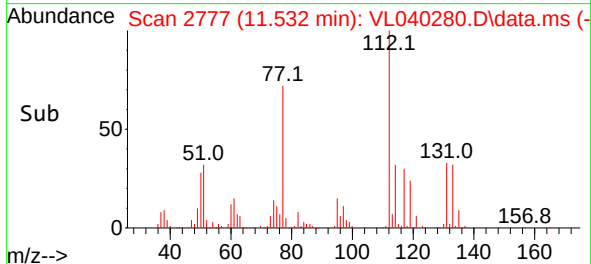
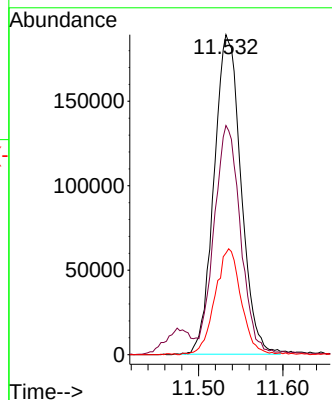
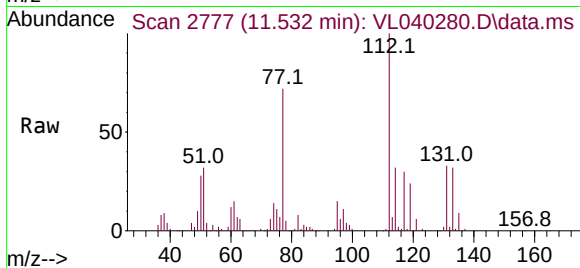
#57
Chlorobenzene
Concen: 2.072 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:112 Resp: 420597
Ion Ratio Lower Upper
112 100
77 70.9 55.0 82.4
114 31.8 29.0 35.4

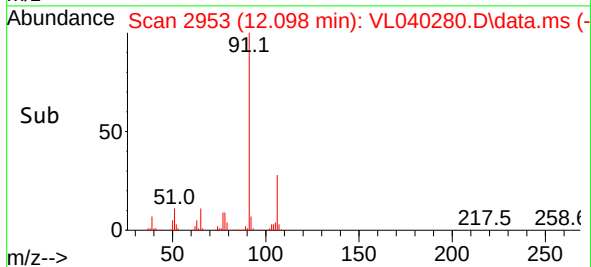
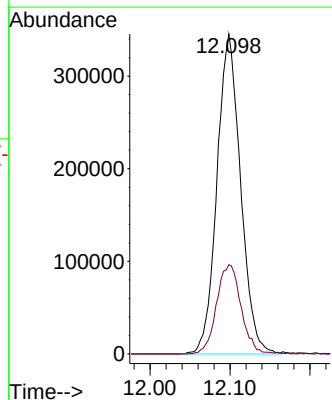
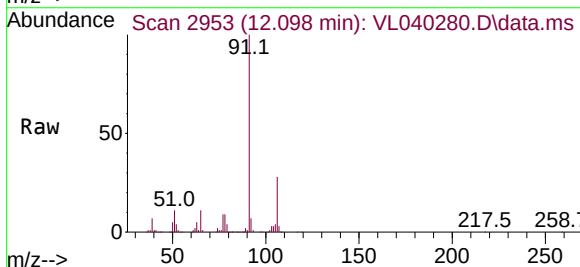
Manual Integrations
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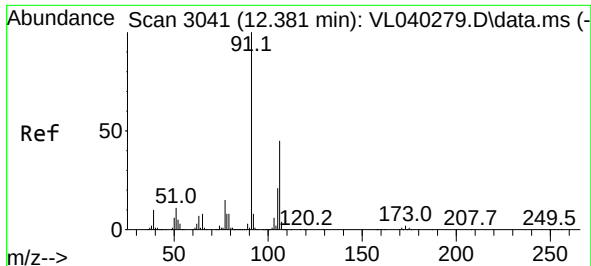
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#58
Ethyl Benzene
Concen: 2.095 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

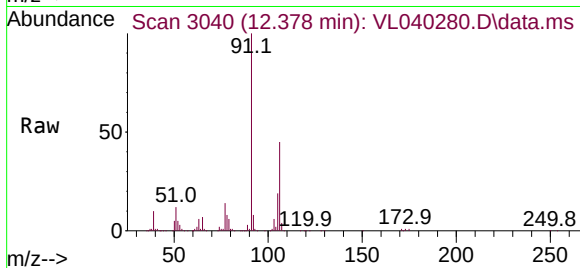
Tgt Ion: 91 Resp: 707167
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3





#59
m/p-Xylene
Concen: 4.262 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

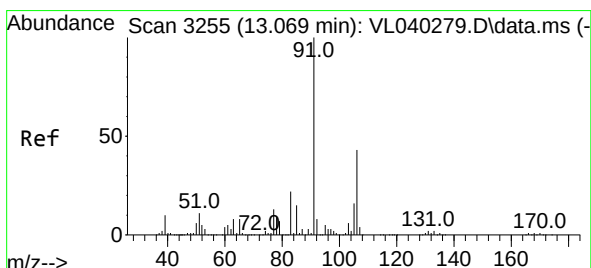
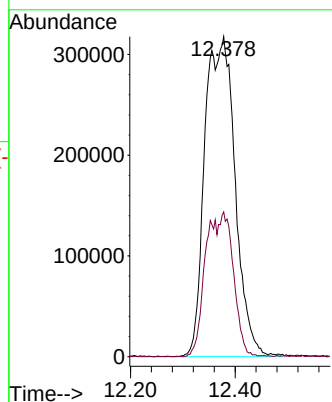
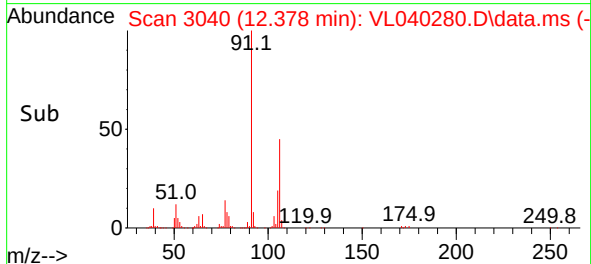
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



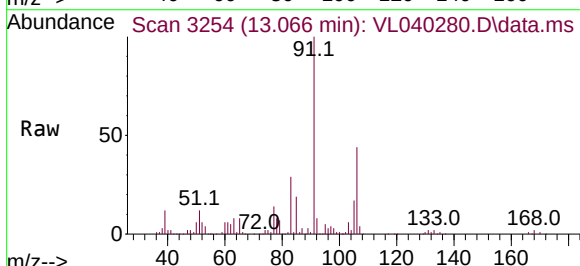
Tgt Ion: 91 Resp: 1274309
Ion Ratio Lower Upper
91 100
106 41.7 34.6 51.8

Manual Integrations
APPROVED

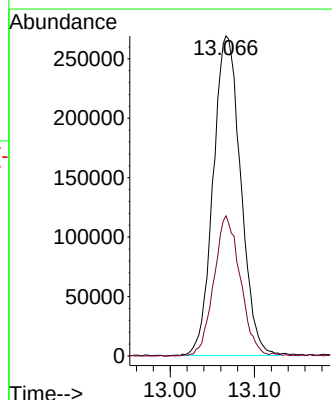
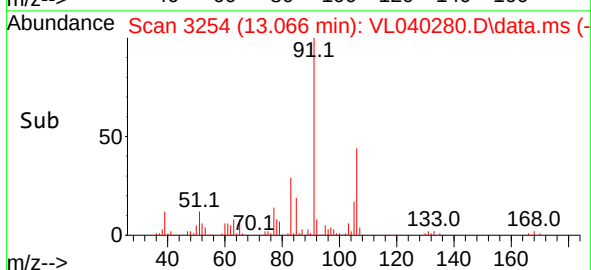
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

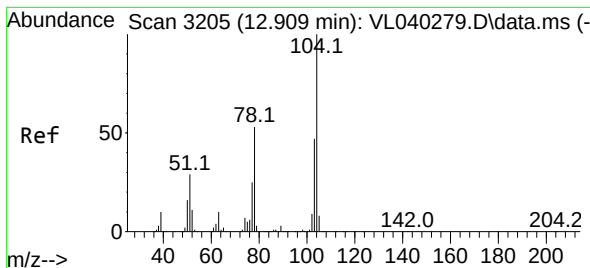


#60
o-Xylene
Concen: 2.118 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion: 91 Resp: 609408
Ion Ratio Lower Upper
91 100
106 42.4 21.6 65.0





#61

Styrene

Concen: 2.012 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

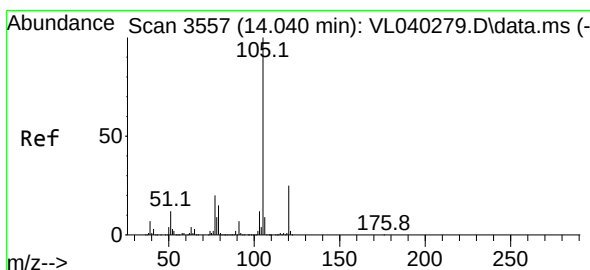
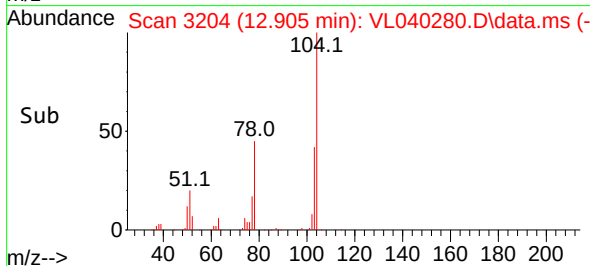
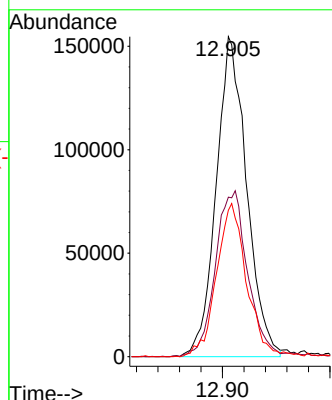
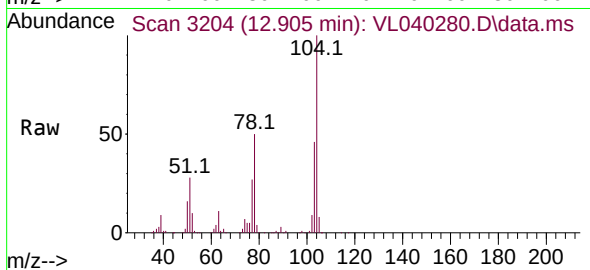
VSTDICC002

Tgt Ion:104 Resp: 303972
 Ion Ratio Lower Upper
 104 100
 78 55.6 42.3 63.5
 103 48.0 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#62

Isopropylbenzene

Concen: 2.109 ppbv

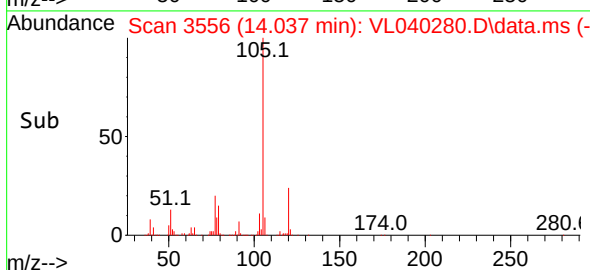
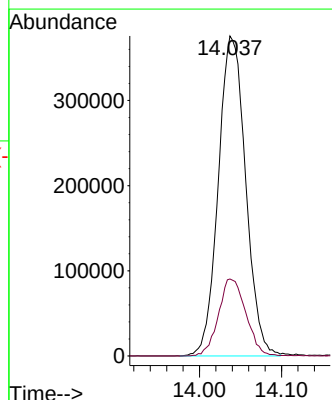
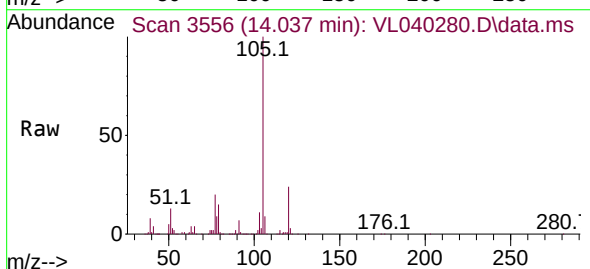
RT: 14.037 min Scan# 3556

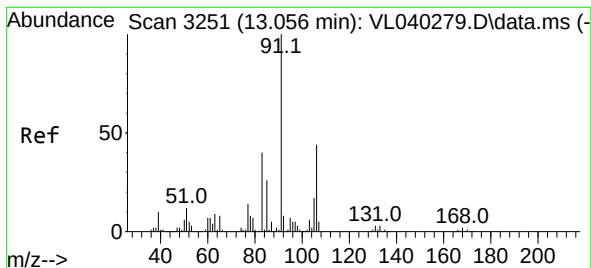
Delta R.T. -0.003 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Tgt Ion:105 Resp: 870915
 Ion Ratio Lower Upper
 105 100
 120 24.2 20.3 30.5





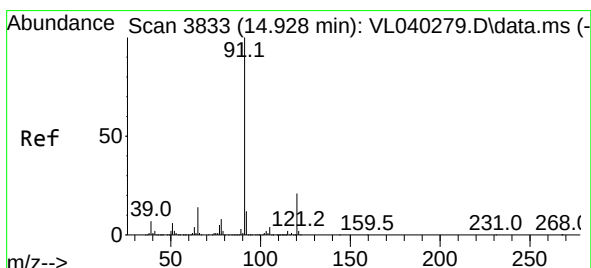
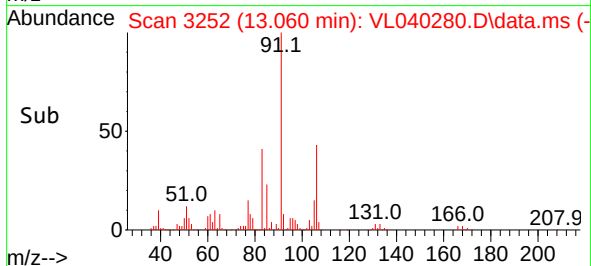
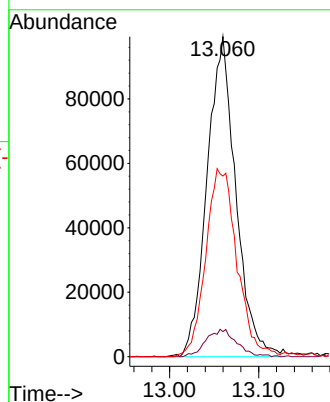
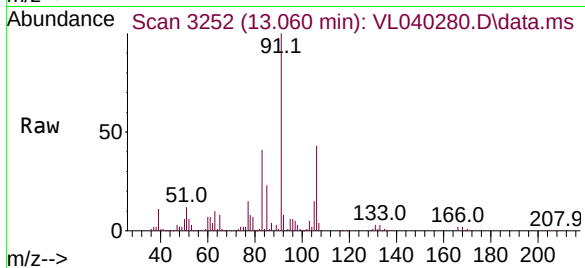
#63
1,1,2,2-Tetrachloroethane
Concen: 2.148 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 22268
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 64.7 33.0 99.0

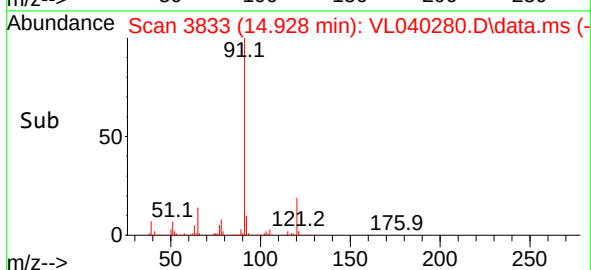
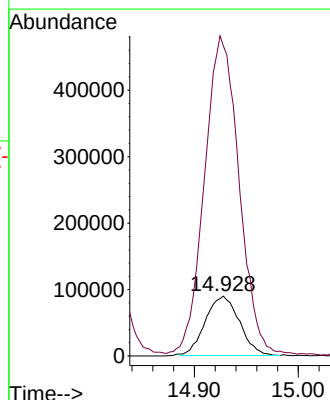
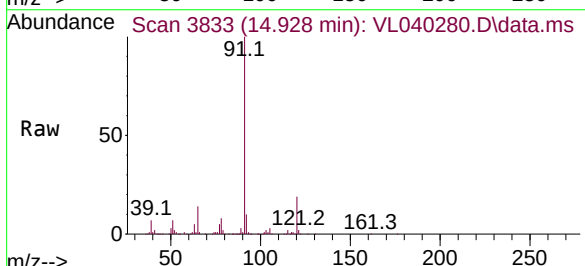
Manual Integrations
APPROVED

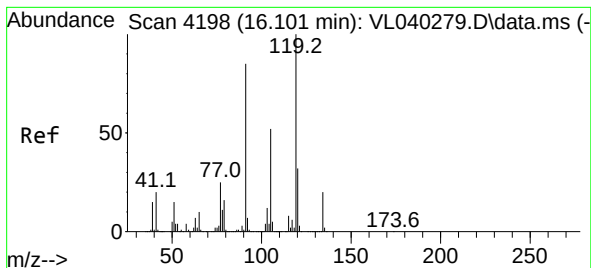
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#64
n-propylbenzene
Concen: 1.992 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:120 Resp: 203556
Ion Ratio Lower Upper
120 100
91 554.0 389.8 584.8





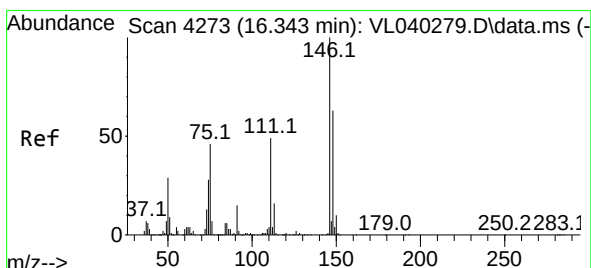
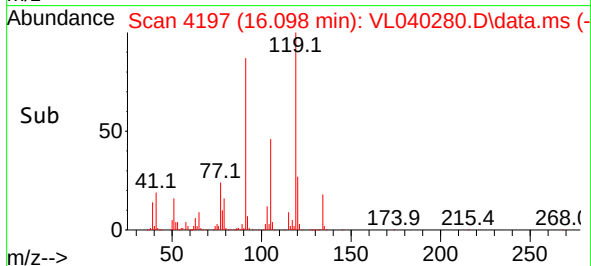
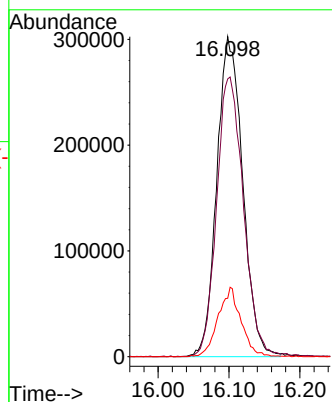
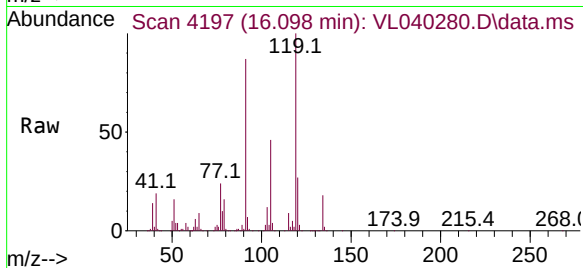
#65
tert-Butylbenzene
Concen: 2.139 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 767924
Ion Ratio Lower Upper
119 100
91 90.7 68.6 102.8
134 19.3 15.9 23.9

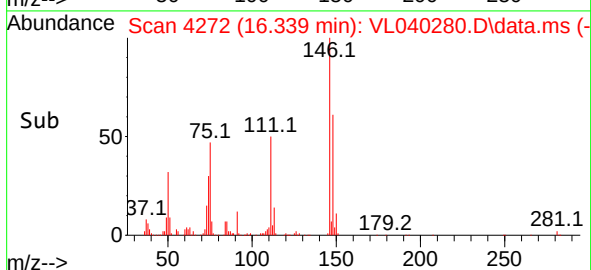
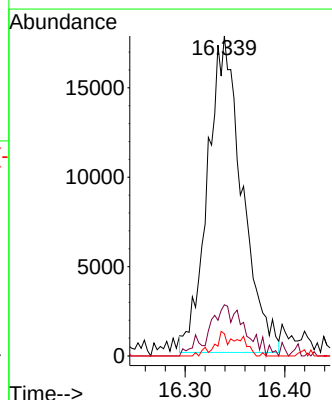
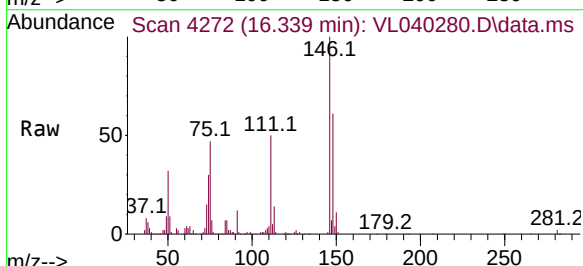
Manual Integrations
APPROVED

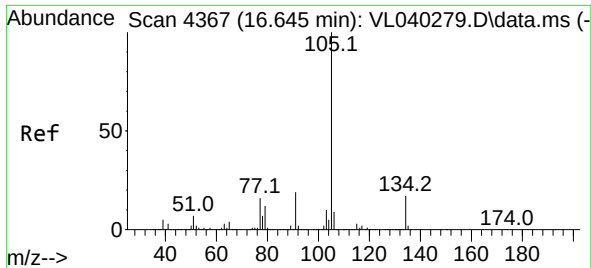
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#66
Benzyl Chloride
Concen: 1.785 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

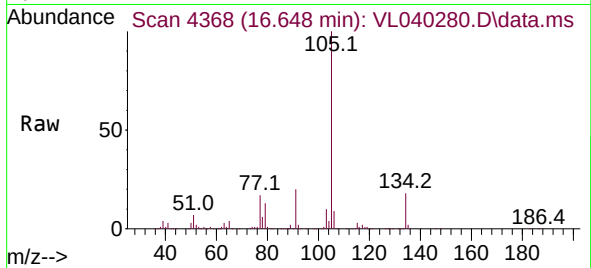
Tgt Ion: 91 Resp: 42630
Ion Ratio Lower Upper
91 100
126 18.1 13.1 19.7
128 5.5 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 2.146 ppbv
 RT: 16.648 min Scan# 4367
 Delta R.T. 0.000 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

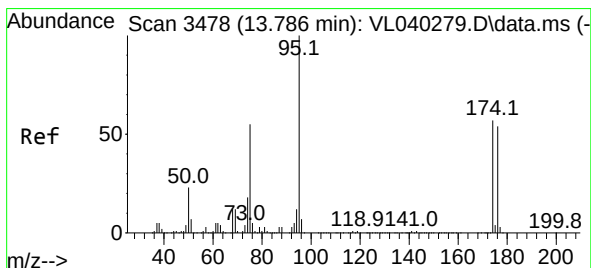
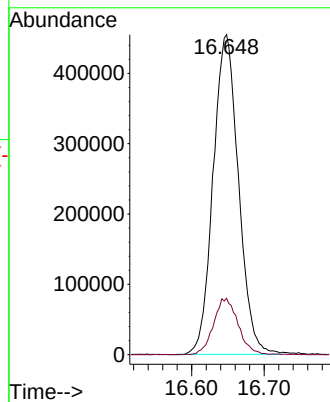
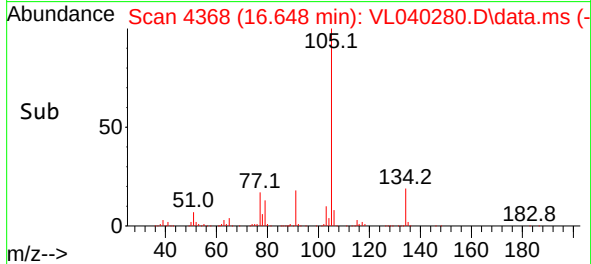
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 105 Resp: 1104839
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1

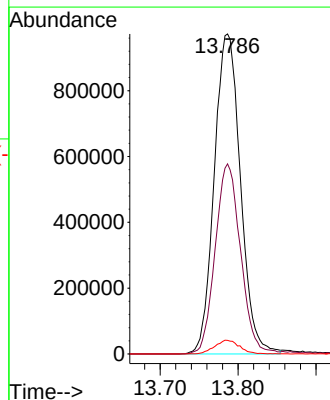
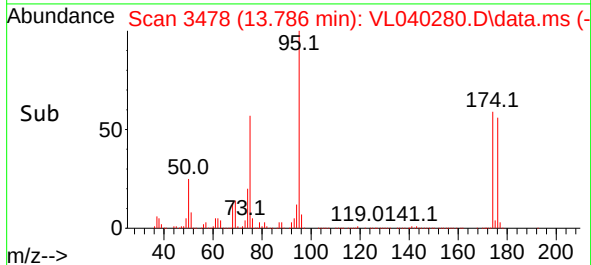
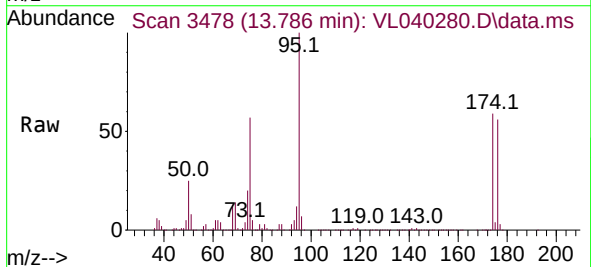
Manual Integrations
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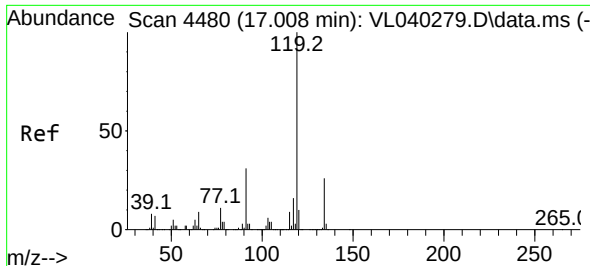
Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.953 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

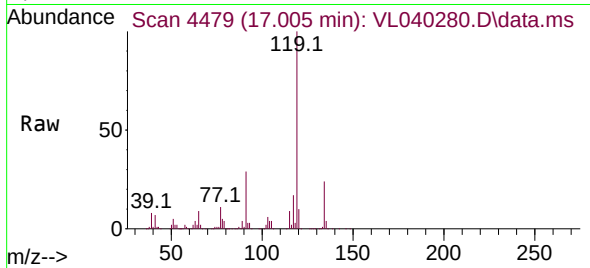
Tgt Ion: 95 Resp: 2274124
 Ion Ratio Lower Upper
 95 100
 174 58.4 48.2 72.2
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 2.131 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

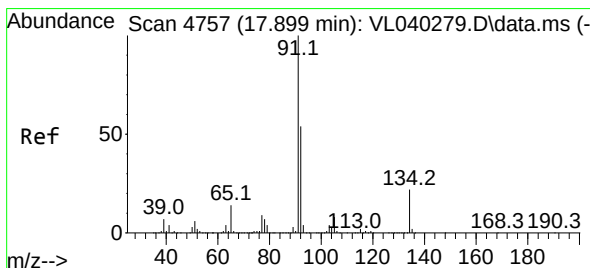
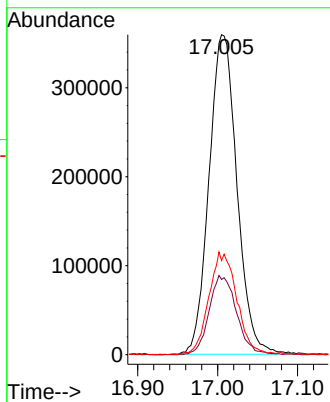
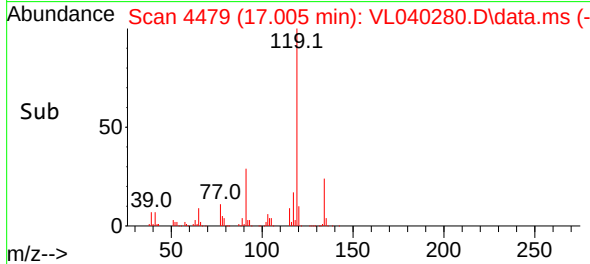
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



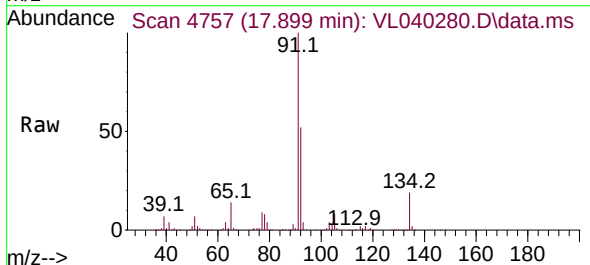
Tgt Ion:119 Resp: 869894
Ion Ratio Lower Upper
119 100
134 24.4 20.2 30.2
91 32.7 24.7 37.1

Manual Integrations
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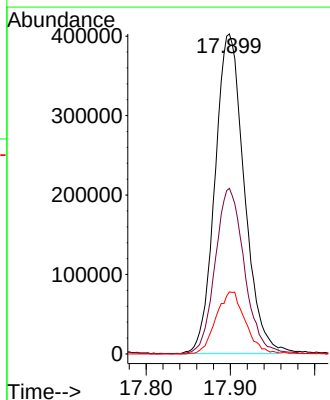
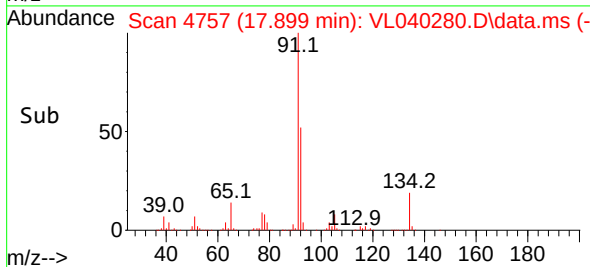
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

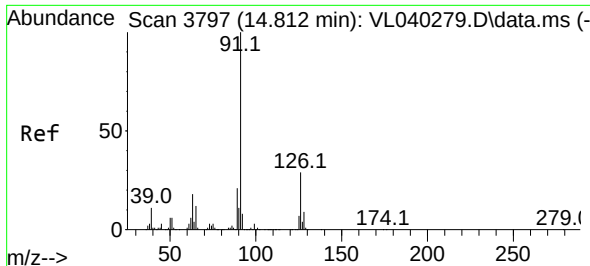


#70
n-Butylbenzene
Concen: 2.188 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



Tgt Ion: 91 Resp: 969261
Ion Ratio Lower Upper
91 100
92 51.9 43.0 64.6
134 19.7 16.9 25.3





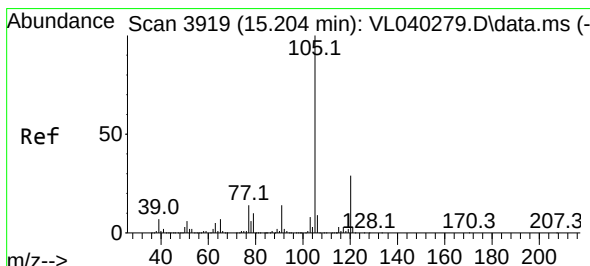
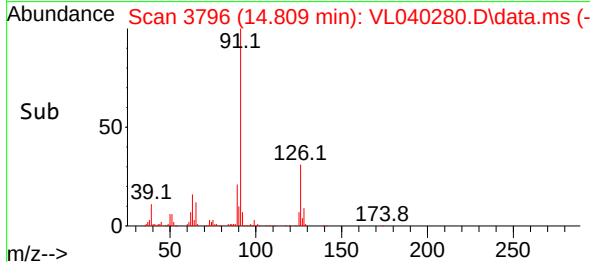
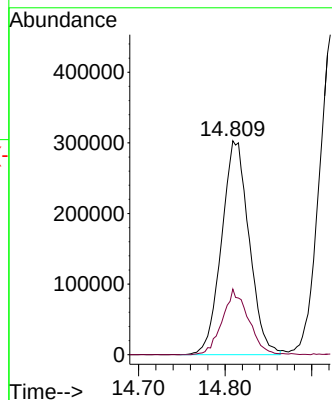
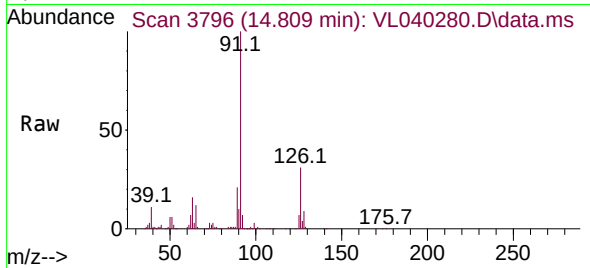
#71
2-Chlorotoluene
Concen: 2.121 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 66989
Ion Ratio Lower Upper
91 100
126 29.1 12.0 48.2

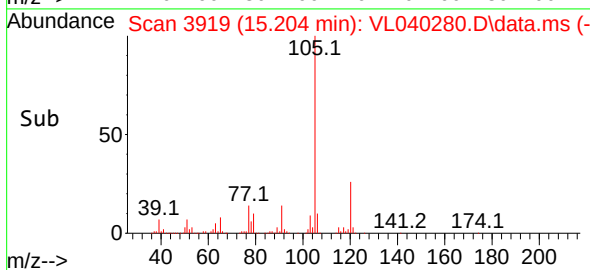
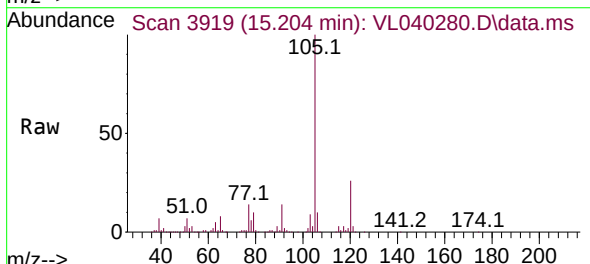
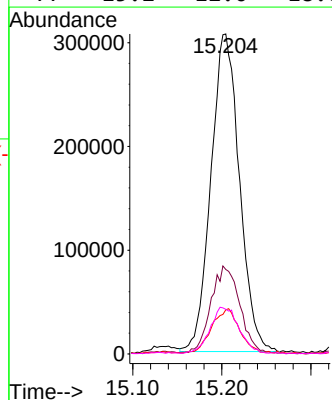
Manual Integrations
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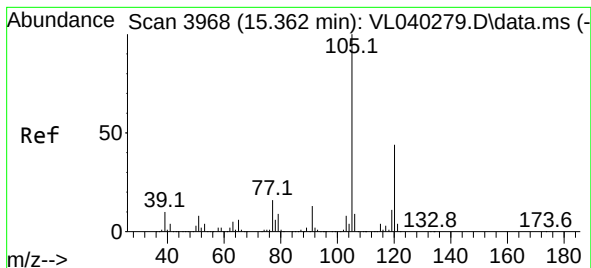
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#72
4-Ethyltoluene
Concen: 2.139 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

Tgt Ion:105 Resp: 680219
Ion Ratio Lower Upper
105 100
120 28.5 23.2 34.8
91 15.0 11.3 16.9
77 15.2 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 2.072 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 613068

Ion Ratio Lower Upper

105 100

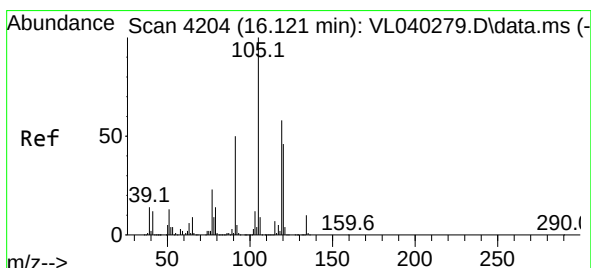
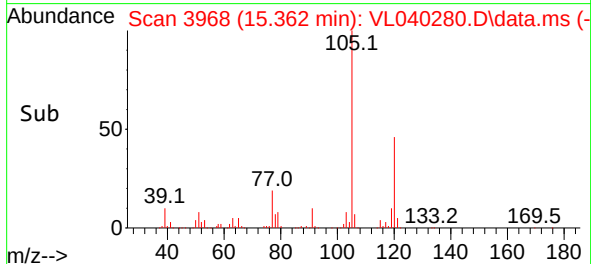
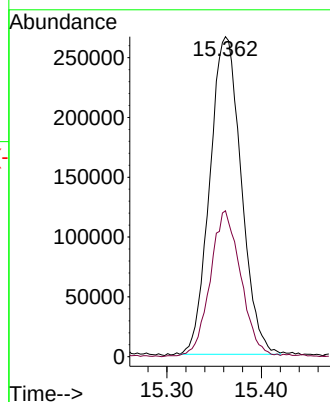
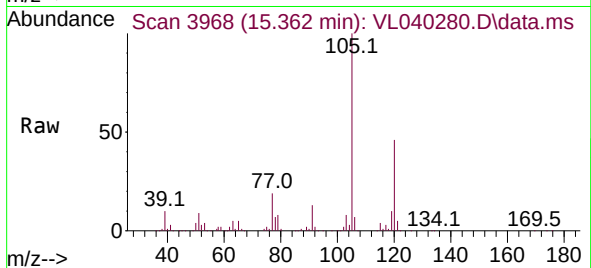
120 45.5 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.164 ppbv

RT: 16.118 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040280.D

Acq: 15 Mar 2023 12:16

Tgt Ion:105 Resp: 703336

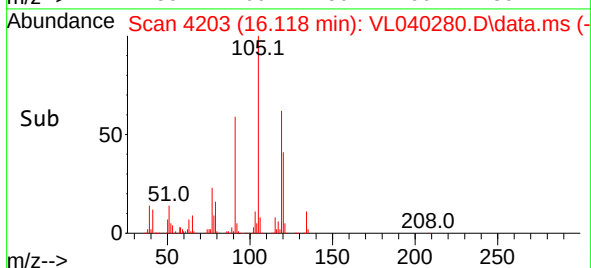
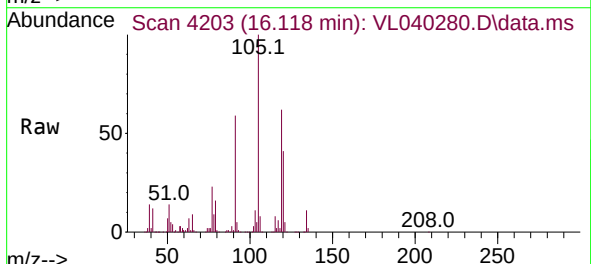
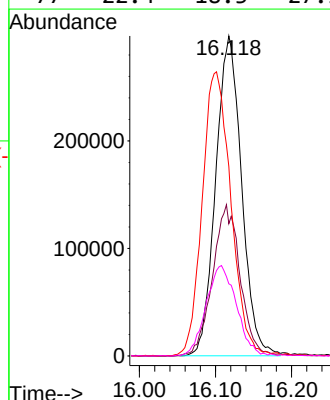
Ion Ratio Lower Upper

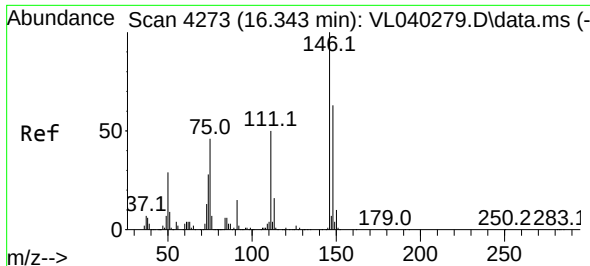
105 100

120 41.1 37.9 56.9

91 58.8 43.7 65.5

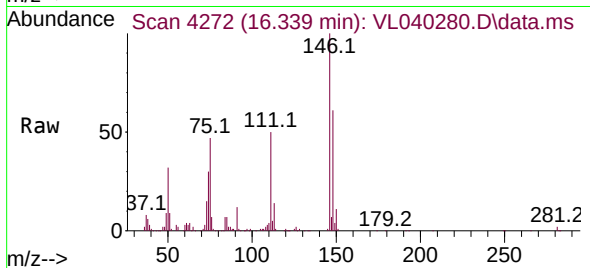
77 22.4 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 2.089 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

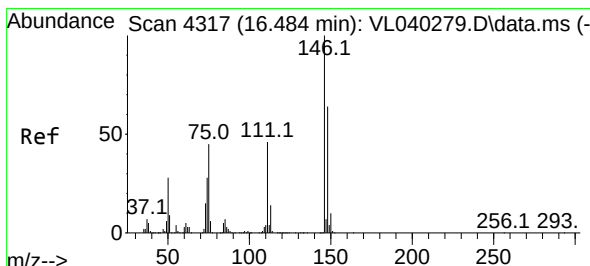
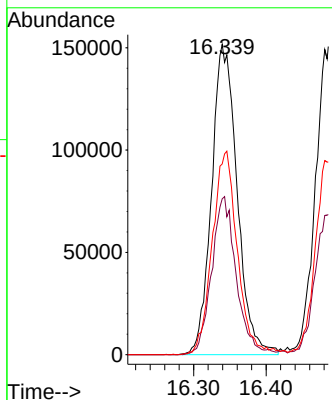
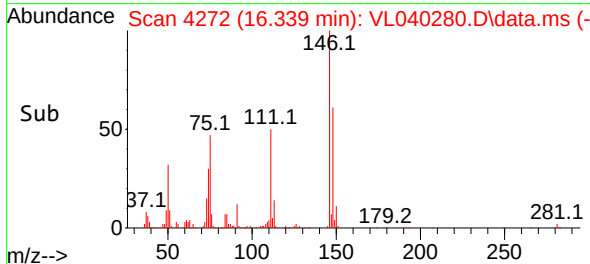
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



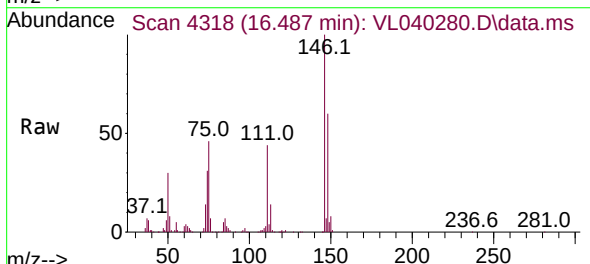
Tgt Ion:146 Resp: 37159
Ion Ratio Lower Upper
146 100
111 49.3 23.9 71.8
148 64.9 32.1 96.5

Manual Integrations
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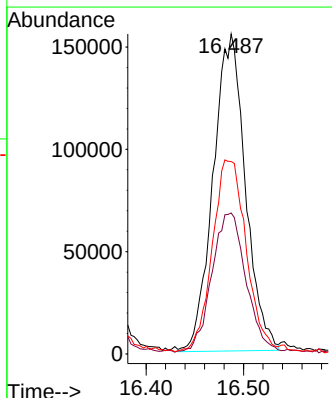
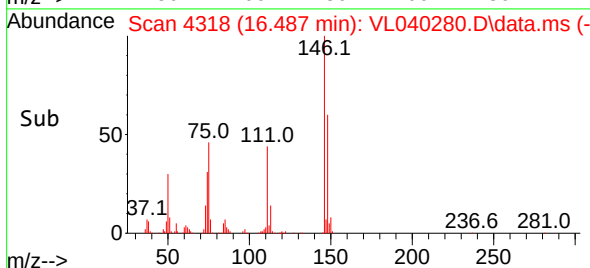
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

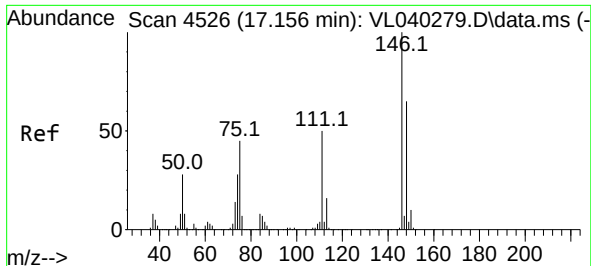


#76
1,4-Dichlorobenzene
Concen: 2.045 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



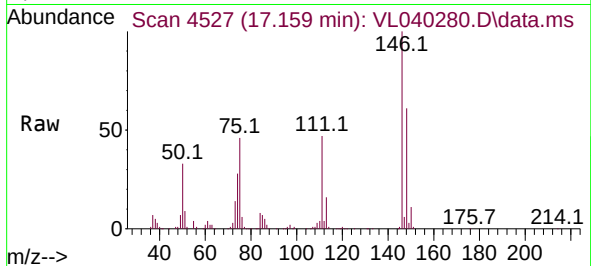
Tgt Ion:146 Resp: 356501
Ion Ratio Lower Upper
146 100
111 49.2 23.5 70.5
148 65.9 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 2.016 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

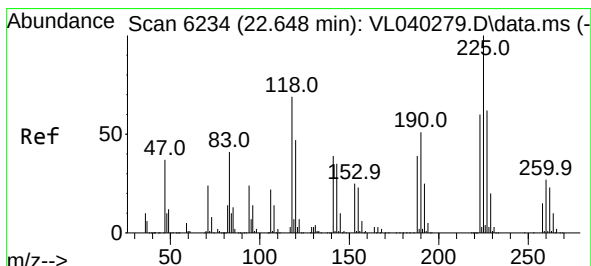
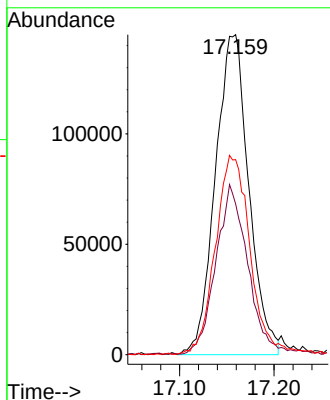
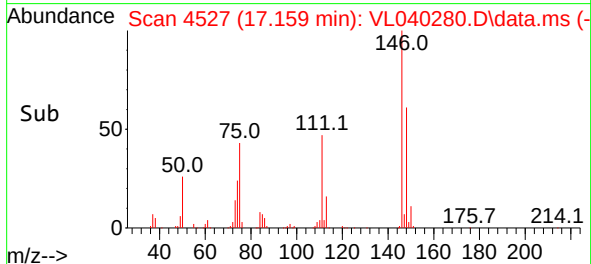
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



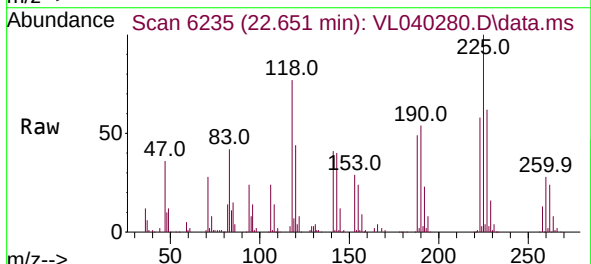
Tgt Ion:146 Resp: 356284
Ion Ratio Lower Upper
146 100
111 50.7 25.3 75.8
148 65.6 32.0 96.2

Manual Integrations
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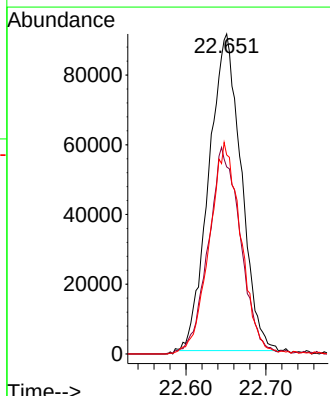
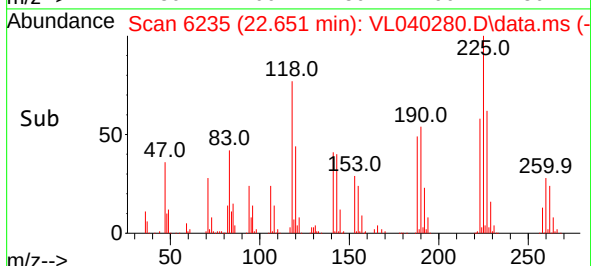
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

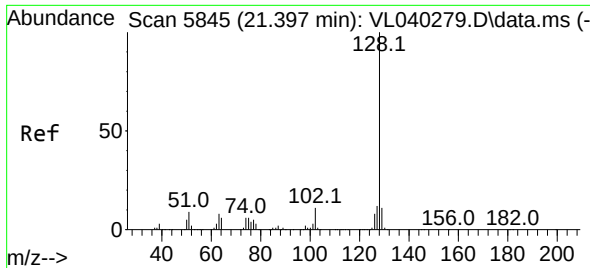


#78
Hexachloro-1,3-Butadiene
Concen: 2.102 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.007 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16



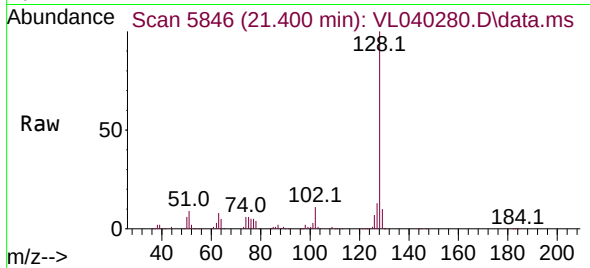
Tgt Ion:225 Resp: 255231
Ion Ratio Lower Upper
225 100
223 65.5 51.0 76.6
227 65.6 51.2 76.8





#79
Naphthalene
Concen: 2.597 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

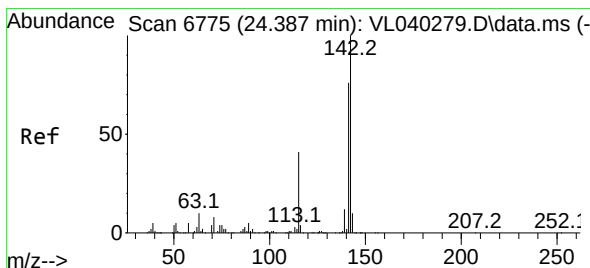
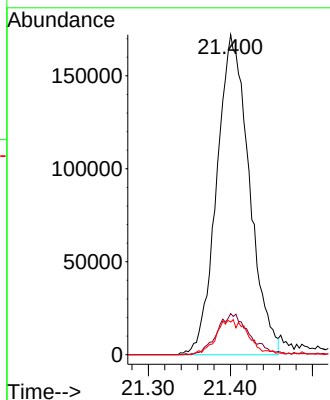
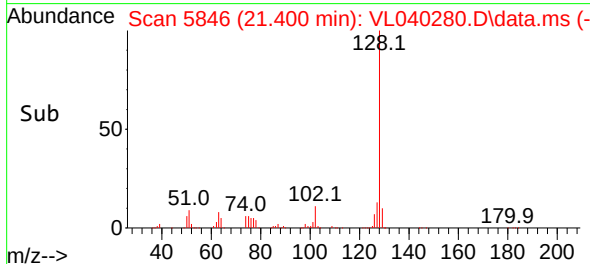
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:128 Resp: 474180
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.2 9.4 14.0

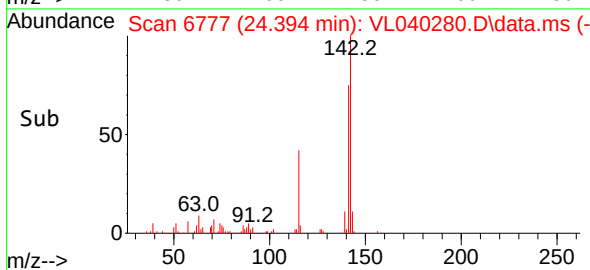
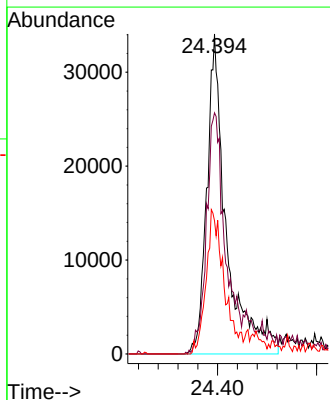
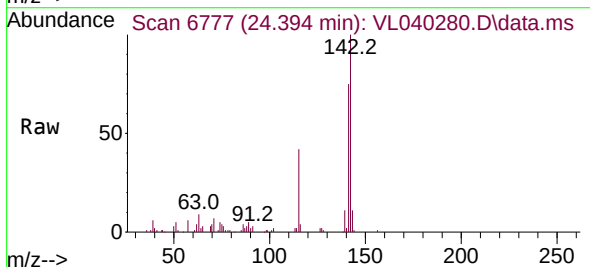
Manual Integrations
APPROVED

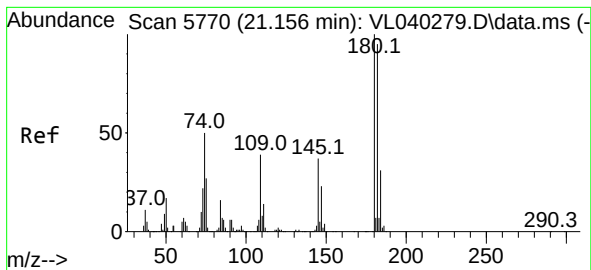
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80
Naphthalene,2-methyl-
Concen: 1.795 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.010 min
Lab File: VL040280.D
Acq: 15 Mar 2023 12:16

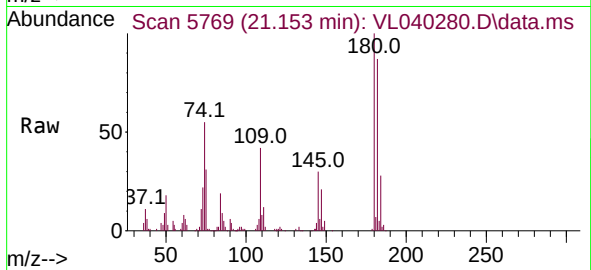
Tgt Ion:142 Resp: 93227
Ion Ratio Lower Upper
142 100
141 83.6 67.3 100.9
115 43.5 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 2.241 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040280.D
 Acq: 15 Mar 2023 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion:180 Resp: 25605
 Ion Ratio Lower Upper
 180 100
 182 93.5 79.0 118.6
 184 30.8 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

