

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039811.D
 Acq On : 2 Nov 2022 11:24
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 12:01:56 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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

QLast Update : Wed Nov 02 11:28:32 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1151985	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3145031	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3072215	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2273437	10.402	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	390179	3.235	ppbv	98
3) Chlorodifluoromethane	2.687	51	269096	1.945	ppbv	98
4) Chloromethane	2.825	50	174010	2.009	ppbv	98
5) Vinyl Chloride	2.931	62	134181	1.867	ppbv	99
6) Bromomethane	3.131	94	47725m	1.849	ppbv	
7) Chloroethane	3.201	64	48647m	1.885	ppbv	
8) Dichlorotetrafluoroethane	2.867	85	335009	2.128	ppbv	97
9) Propene	2.703	41	135403	2.277	ppbv	94
10) Heptane	7.565	43	342489	2.406	ppbv	99
11) Trichlorofluoromethane	3.568	101	310951	1.845	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.073	101	228287m	1.747	ppbv	
13) Ethanol	3.250	45	12353m	2.893	ppbv	
14) Bromoethene	3.375	108	100204m	1.932	ppbv	
15) Acetone	3.478	43	301825	2.194	ppbv	99
16) 1,3-Butadiene	2.996	39	131206	1.929	ppbv	100
17) tert-Butyl alcohol	3.889	59	259960	2.316	ppbv	100
18) 1,1-Dichloroethene	3.883	96	103326	1.797	ppbv	96
19) Isopropyl Alcohol	3.587	45	137248m	2.129	ppbv	
20) Methylene Chloride	3.934	84	92652m	1.770	ppbv	
21) Allyl Chloride	4.002	41	169925	1.908	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	106473m	1.782	ppbv	
23) Vinyl Acetate	4.629	43	109505	2.065	ppbv #	96
24) 1,1-Dichloroethane	4.565	63	225486	1.825	ppbv	99
25) Ethyl Acetate	5.208	43	588267	2.187	ppbv	99
26) Hexane	5.211	57	251843	2.251	ppbv	98
27) Carbon Disulfide	4.127	76	278435m	2.097	ppbv	
28) Methyl tert-Butyl Ether	4.594	73	228913	2.352	ppbv	99
29) Chloroform	5.269	83	360684	2.051	ppbv	97
30) Cyclohexane	6.594	84	215213	2.348	ppbv	94
31) cis-1,2-Dichloroethene	5.076	61	234163m	2.169	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	367854	2.305	ppbv	99
34) 2-Butanone	4.790	43	257178	1.738	ppbv	95
35) Carbon Tetrachloride	6.484	117	384529	2.145	ppbv	100
36) Benzene	6.362	78	531425	2.194	ppbv	97
37) 1,2-Dichloroethane	5.799	62	254659	1.936	ppbv	97
38) Trichloroethene	7.275	130	286251	2.094	ppbv	94
39) 1,2-Dichloropropane	7.069	63	206521m	2.213	ppbv	
40) 1,4-Dioxane	7.291	88	79549m	2.501	ppbv	
41) Tetrahydrofuran	5.568	42	207862	2.261	ppbv	99
42) Bromodichloromethane	7.237	83	410193	2.214	ppbv	100
43) Methyl Methacrylate	7.468	69	206917	2.453	ppbv	96
44) 2,2,4-Trimethylpentane	7.314	57	914566	2.259	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	192944	2.693	ppbv	96

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Quant Time: Nov 02 12:01:56 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

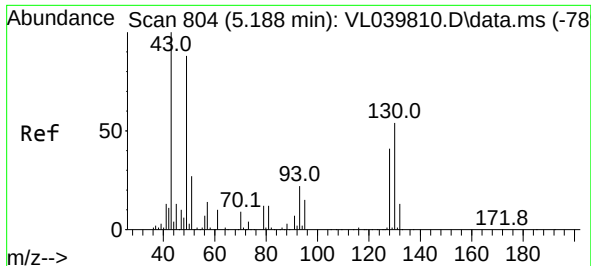
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Nov 02 11:28:32 2022

Response via : Initial Calibration

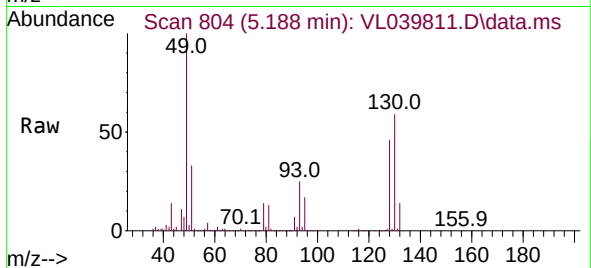
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	275876	2.683	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	206551	2.067	ppbv	99
48) Dibromochloromethane	9.693	129	367232	2.283	ppbv	99
49) Bromoform	12.388	173	296743	2.265	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	541866	2.334	ppbv	100
51) 2-Hexanone	9.552	43	418916m	2.465	ppbv	
52) Tetrachloroethene	10.603	164	197697m	2.179	ppbv	
53) Toluene	9.204	91	612712	2.415	ppbv	98
54) 1,2-Dibromoethane	9.992	107	234173	2.309	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	261472m	2.011	ppbv	
57) Chlorobenzene	11.513	112	463757	1.968	ppbv	97
58) Ethyl Benzene	12.072	91	833574	2.382	ppbv	97
59) m/p-Xylene	12.359	91	1403413m	4.443	ppbv	
60) o-Xylene	13.043	91	660673	2.231	ppbv	100
61) Styrene	12.883	104	392333	2.522	ppbv	98
62) Isopropylbenzene	14.011	105	988902	2.185	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.031	83	241237m	1.936	ppbv	
64) n-propylbenzene	14.899	120	259449	2.264	ppbv	92
65) tert-Butylbenzene	16.079	119	877569	2.225	ppbv	99
66) Benzyl Chloride	16.317	91	98600m	3.525	ppbv	
67) sec-Butylbenzene	16.619	105	1186214	2.136	ppbv	98
69) p-Isopropyltoluene	16.979	119	991461	2.207	ppbv	99
70) n-Butylbenzene	17.873	91	943737	2.197	ppbv	99
71) 2-Chlorotoluene	14.786	91	731449	2.327	ppbv	99
72) 4-Ethyltoluene	15.175	105	741858	2.174	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	678725	2.223	ppbv	93
74) 1,2,4-Trimethylbenzene	16.095	105	724667	2.096	ppbv #	92
75) 1,3-Dichlorobenzene	16.317	146	409951	1.953	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	391281	1.955	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	396048	1.979	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	308049m	2.020	ppbv	
79) Naphthalene	21.368	128	574536m	2.717	ppbv	
80) Naphthalene,2-methyl-	24.368	142	244065	3.399	ppbv	100
81) 1,2,4-Trichlorobenzene	21.130	180	297723m	2.130	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

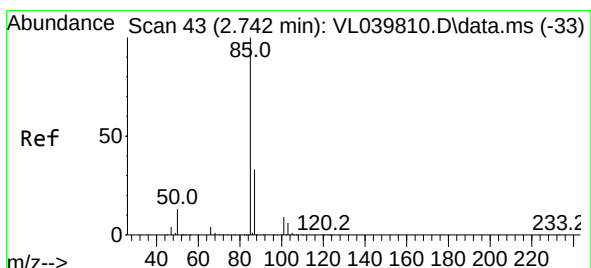
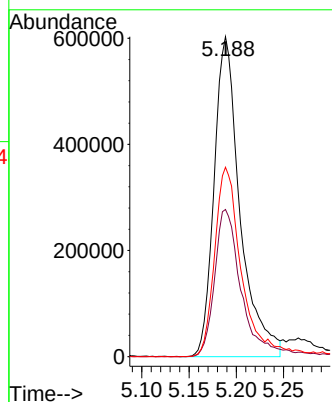
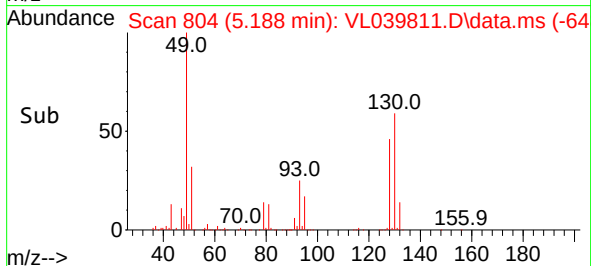
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



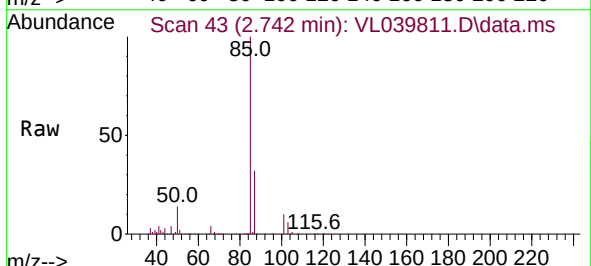
Tgt Ion: 49 Resp: 1151985
Ion Ratio Lower Upper
49 100
128 49.2 24.6 73.6
130 63.5 31.1 93.2

Manual Integrations
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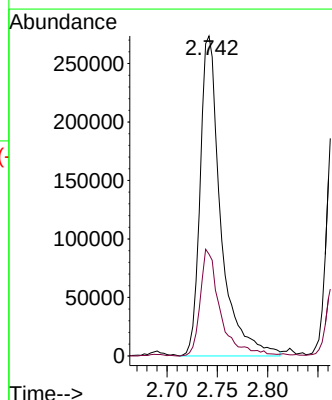
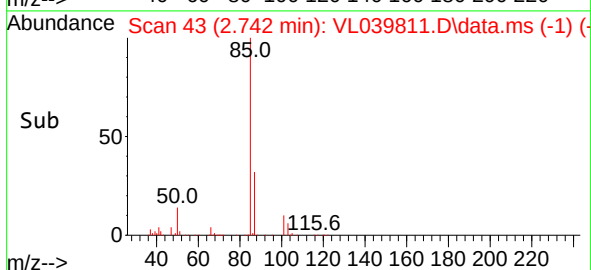
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

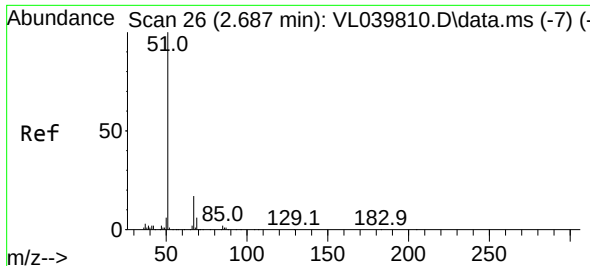


#2
Dichlorodifluoromethane
Concen: 3.235 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



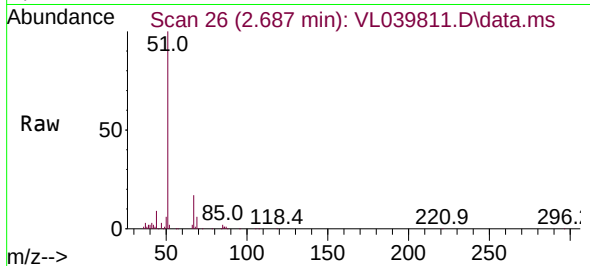
Tgt Ion: 85 Resp: 390179
Ion Ratio Lower Upper
85 100
87 31.8 26.4 39.6





#3
Chlorodifluoromethane
Concen: 1.945 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

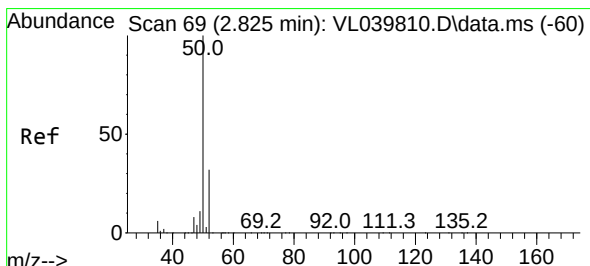
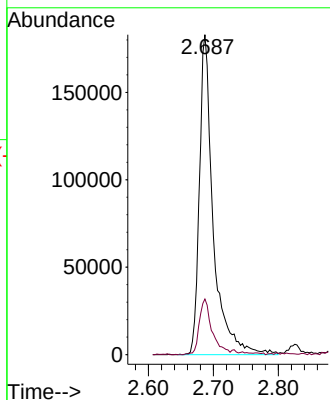
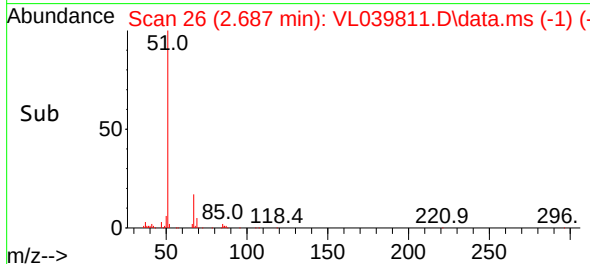
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



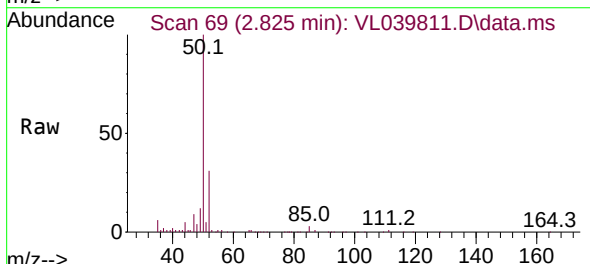
Tgt Ion: 51 Resp: 269096
Ion Ratio Lower Upper
51 100
67 17.4 13.2 19.8

Manual Integrations
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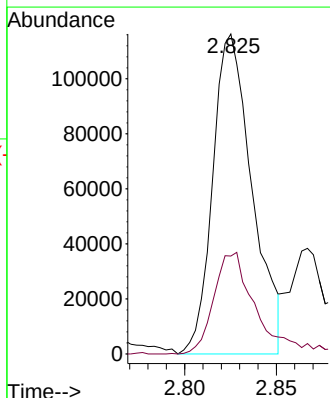
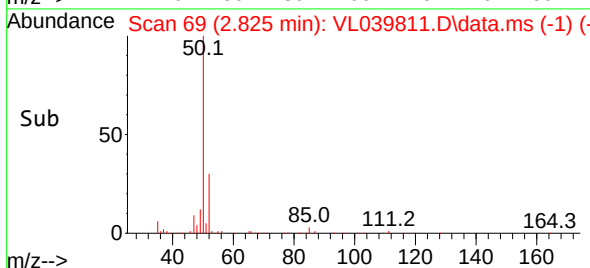
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

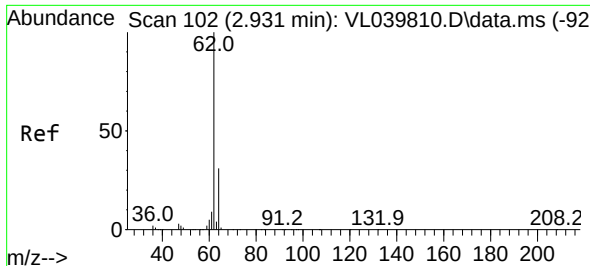


#4
Chloromethane
Concen: 2.009 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



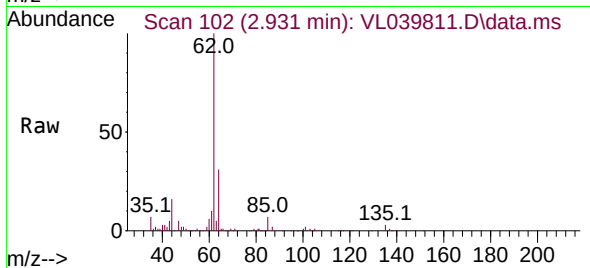
Tgt Ion: 50 Resp: 174010
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3





#5
 Vinyl Chloride
 Concen: 1.867 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

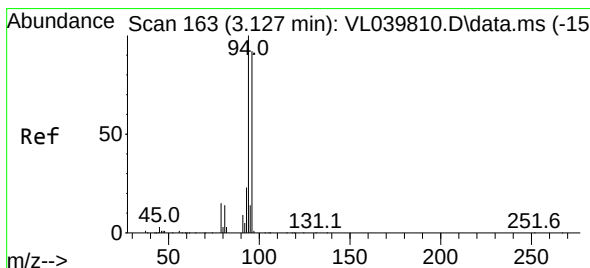
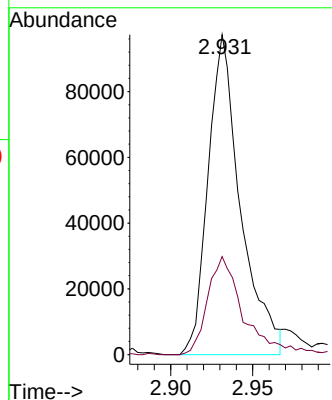
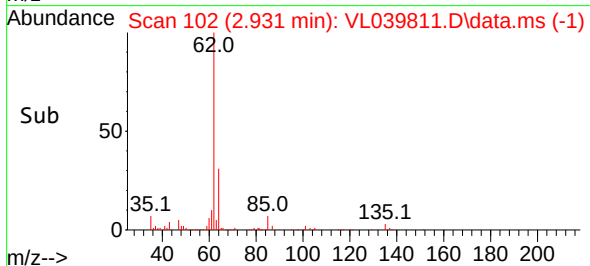
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



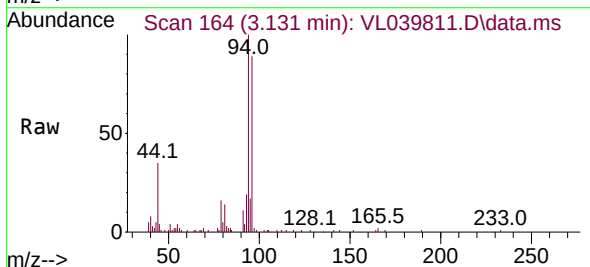
Tgt Ion: 62 Resp: 13418
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.0 37.4

Manual Integrations
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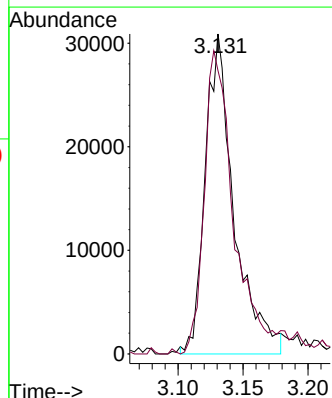
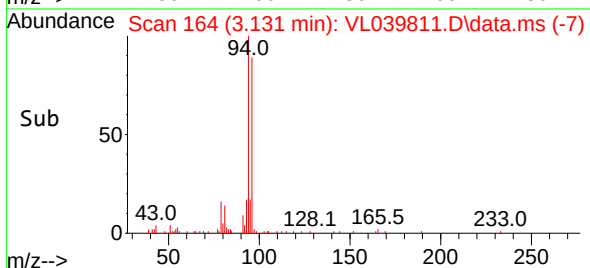
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

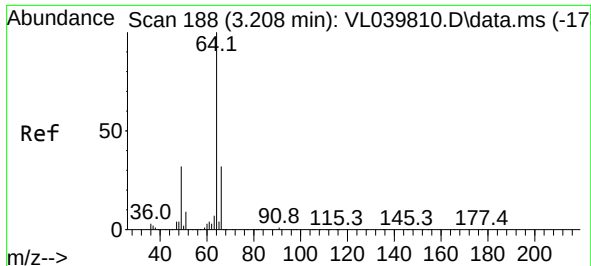


#6
 Bromomethane
 Concen: 1.849 ppbv m
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24



Tgt Ion: 94 Resp: 47725
 Ion Ratio Lower Upper
 94 100
 96 88.6 73.5 110.3





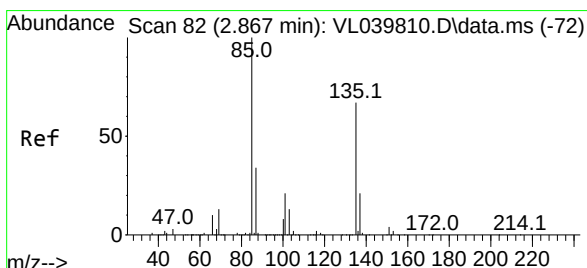
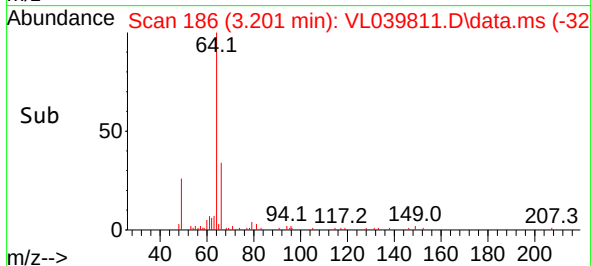
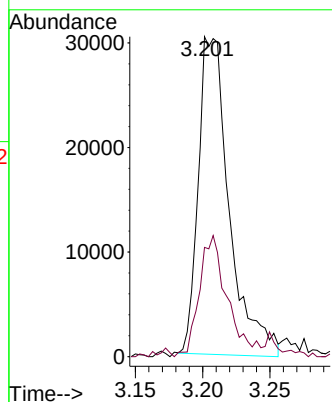
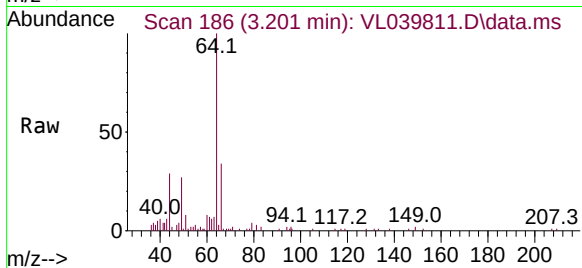
#7
Chloroethane
Concen: 1.885 ppbv m
RT: 3.201 min Scan# 188
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 4864
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

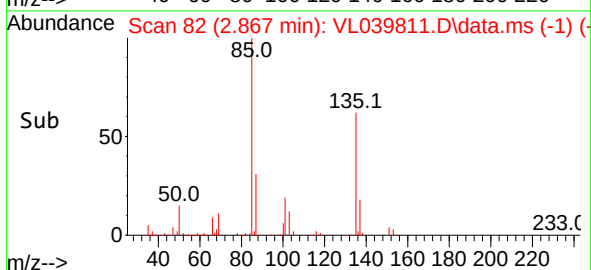
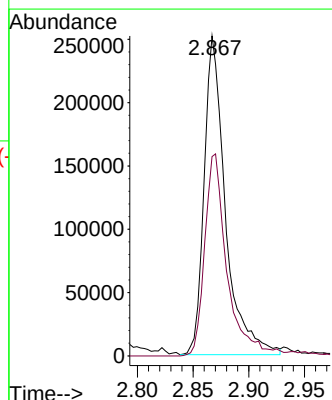
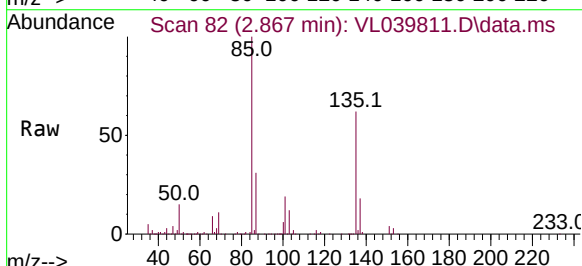
Manual Integrations
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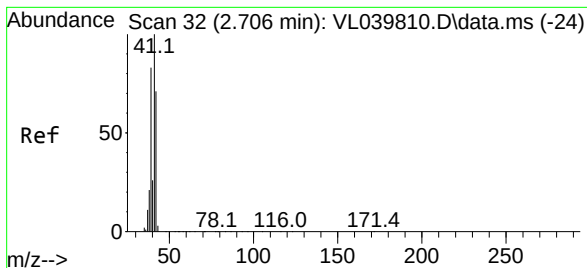
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#8
Dichlorotetrafluoroethane
Concen: 2.128 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 85 Resp: 335009
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1





#9

Propene

Concen: 2.277 ppbv

RT: 2.703 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 135403

Ion Ratio Lower Upper

41 100

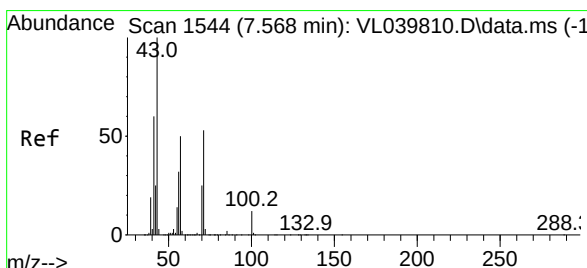
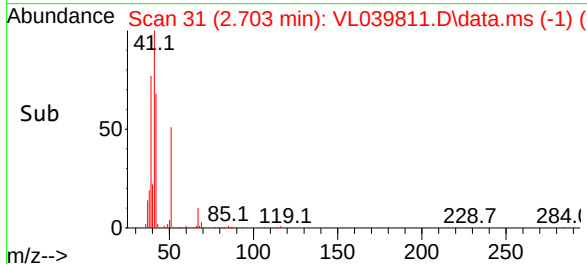
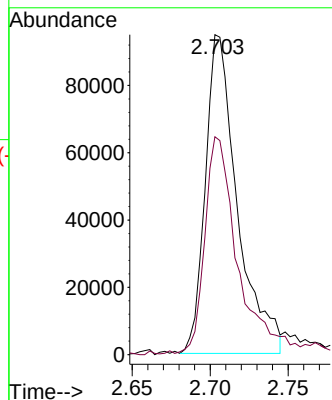
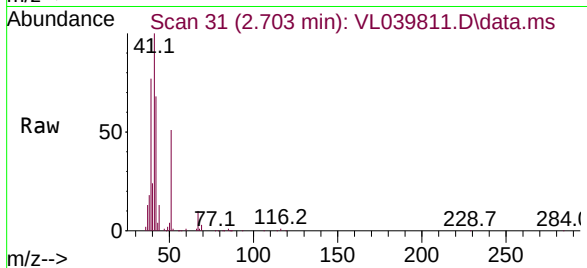
42 75.0 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#10

Heptane

Concen: 2.406 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.003 min

Lab File: VL039811.D

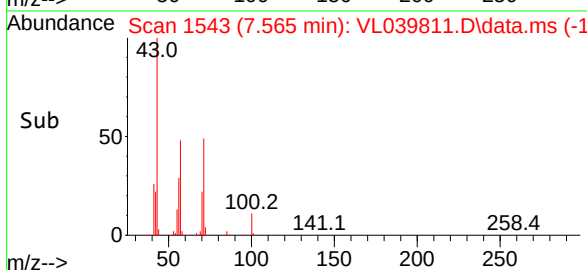
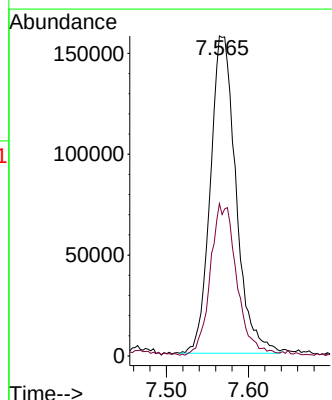
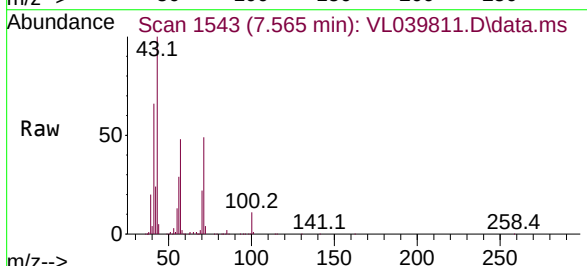
Acq: 2 Nov 2022 11:24

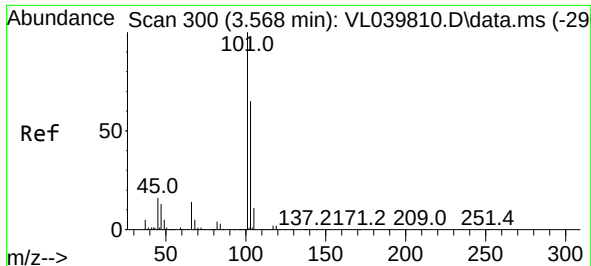
Tgt Ion: 43 Resp: 342489

Ion Ratio Lower Upper

43 100

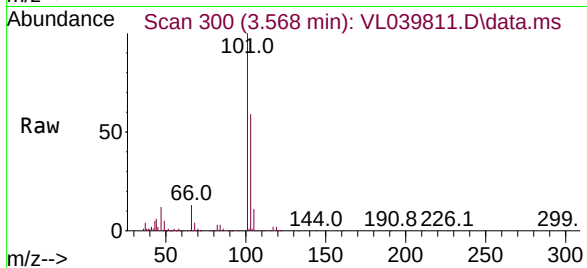
57 49.6 40.5 60.7





#11
Trichlorofluoromethane
Concen: 1.845 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

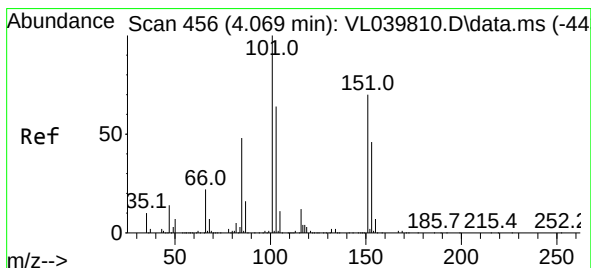
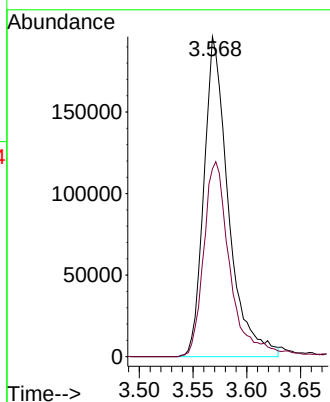
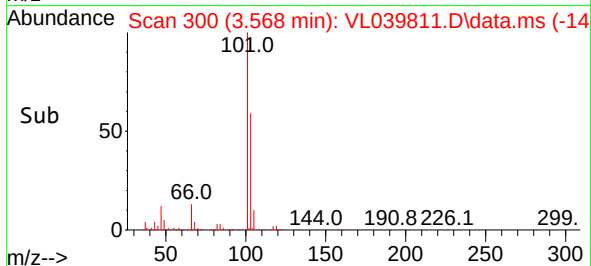
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC002



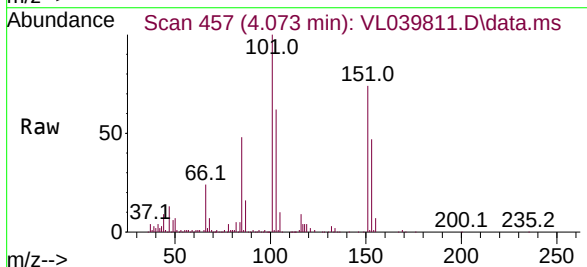
Tgt Ion:101 Resp: 31095
Ion Ratio Lower Upper
101 100
103 58.7 52.2 78.2

Manual Integrations
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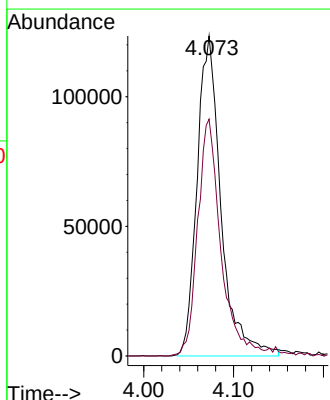
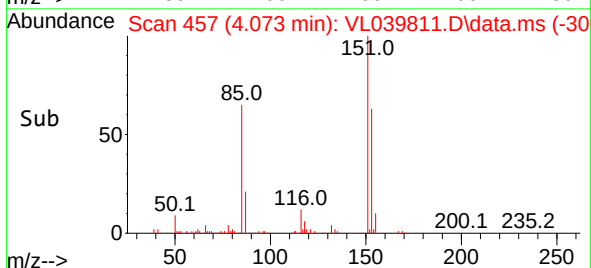
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

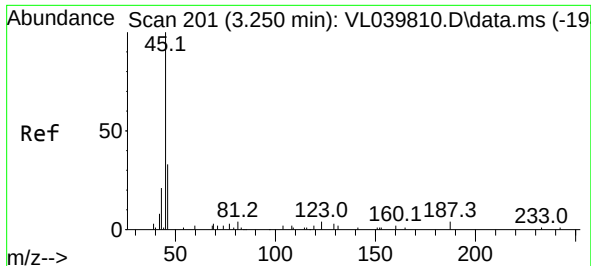


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.747 ppbv m
RT: 4.073 min Scan# 457
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



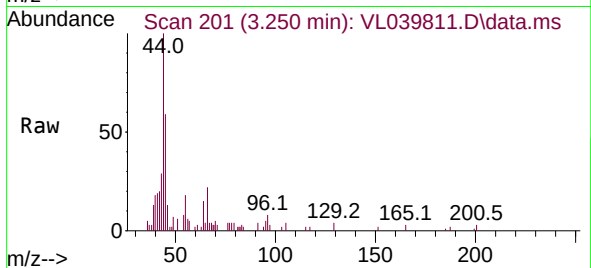
Tgt Ion:101 Resp: 228287
Ion Ratio Lower Upper
101 100
151 73.0 57.2 85.8





#13
Ethanol
Concen: 2.893 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

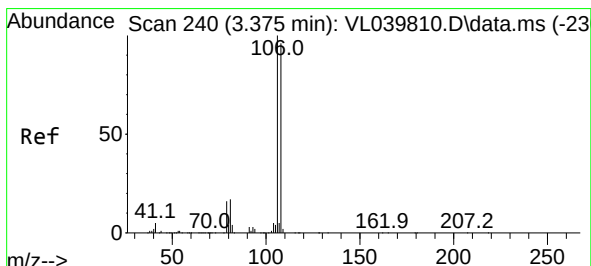
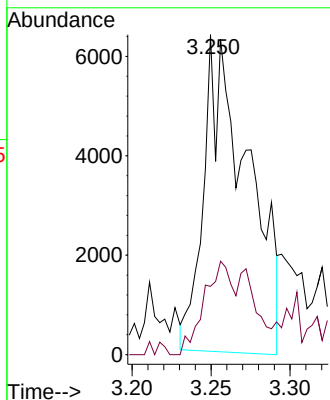
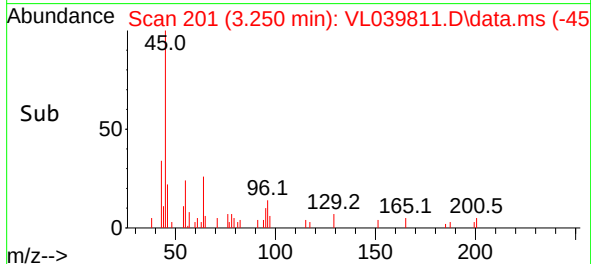
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



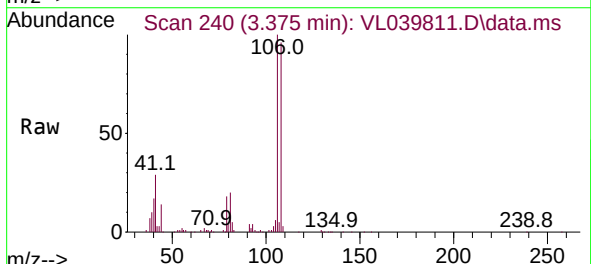
Tgt Ion: 45 Resp: 1235
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9

Manual Integrations
APPROVED

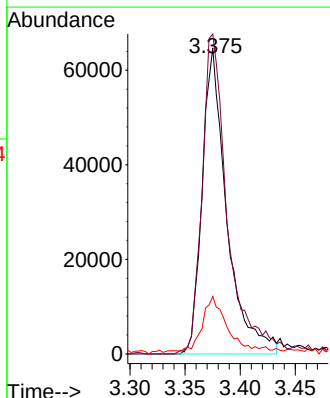
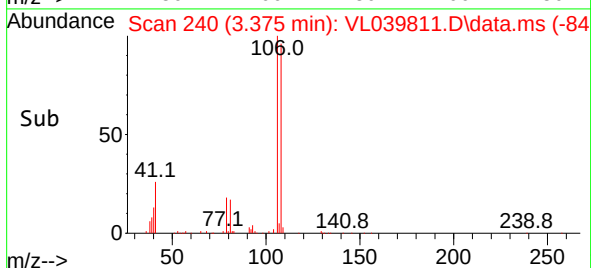
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

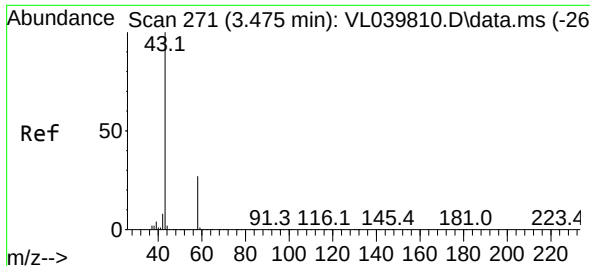


#14
Bromoethene
Concen: 1.932 ppbv m
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



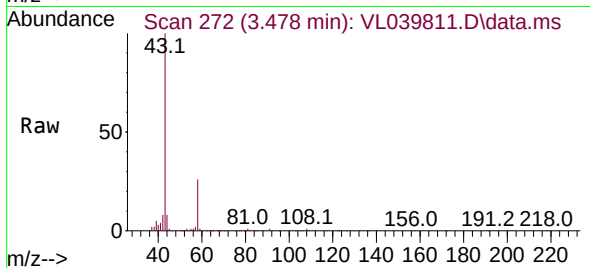
Tgt Ion:108 Resp: 100204
Ion Ratio Lower Upper
108 100
106 111.3 87.8 131.8
79 19.2 14.5 21.7





#15
Acetone
Concen: 2.194 ppbv
RT: 3.478 min Scan# 271
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

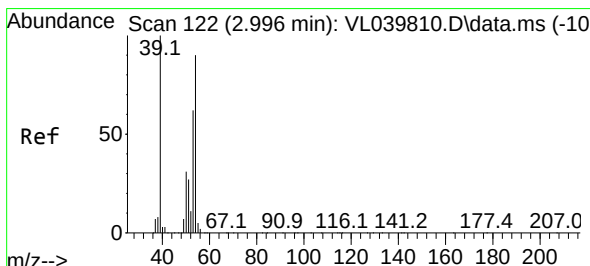
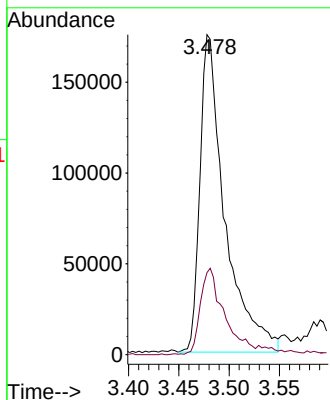
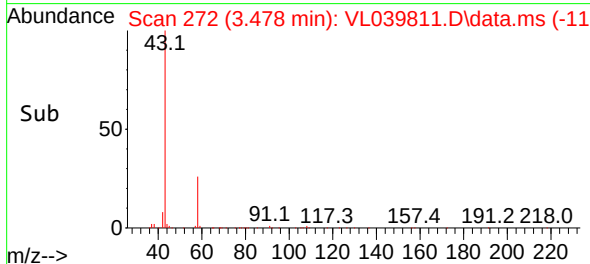
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



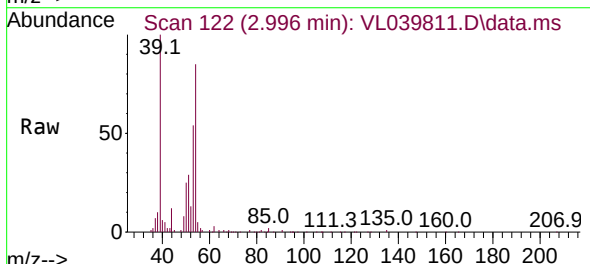
Tgt Ion: 43 Resp: 301825
Ion Ratio Lower Upper
43 100
58 28.6 23.2 34.8

Manual Integrations
APPROVED

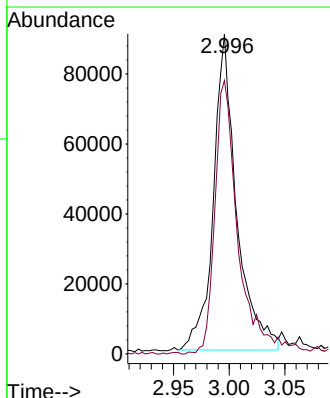
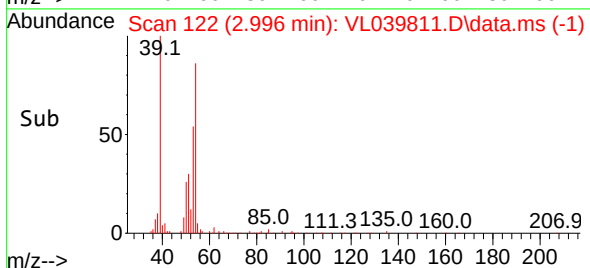
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

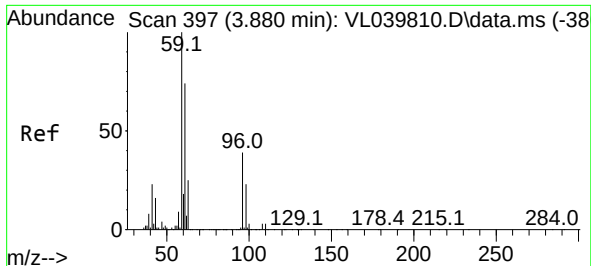


#16
1,3-Butadiene
Concen: 1.929 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 39 Resp: 131206
Ion Ratio Lower Upper
39 100
54 89.1 71.0 106.4





#17

tert-Butyl alcohol

Concen: 2.316 ppbv

RT: 3.889 min Scan# 40

Delta R.T. 0.010 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 259960

Ion Ratio Lower Upper

59 100

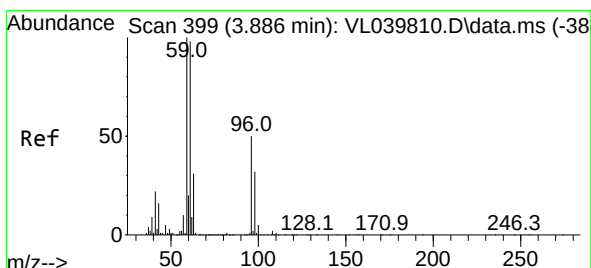
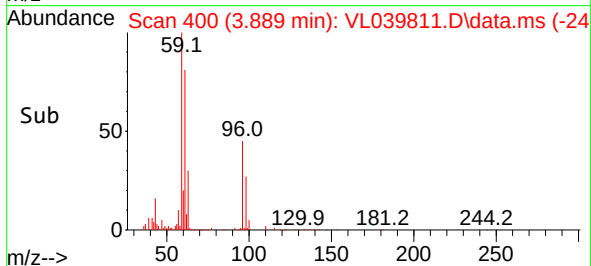
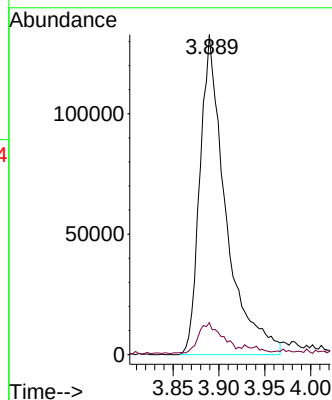
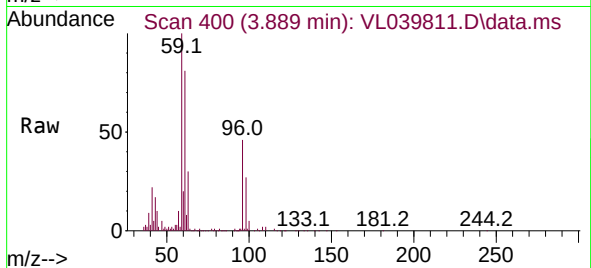
57 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#18

1,1-Dichloroethene

Concen: 1.797 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

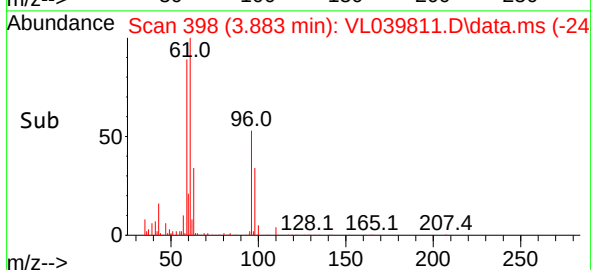
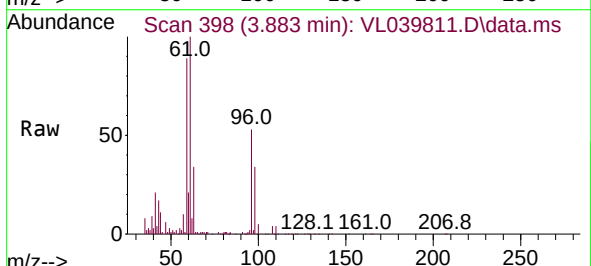
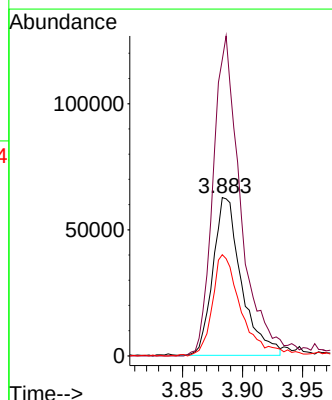
Tgt Ion: 96 Resp: 103326

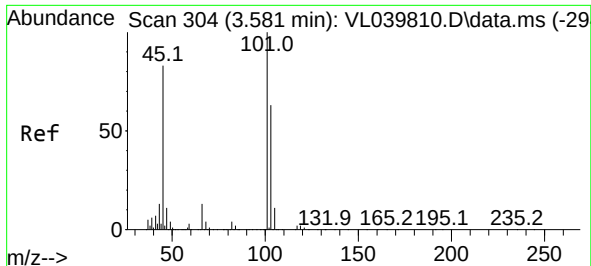
Ion Ratio Lower Upper

96 100

61 187.9 156.9 235.3

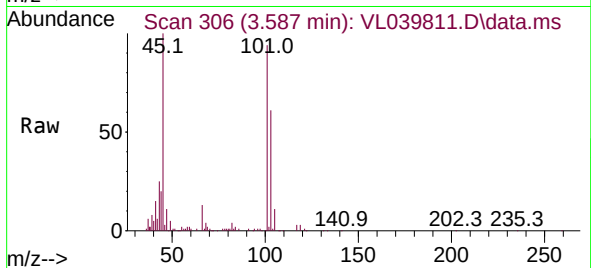
98 63.4 50.6 75.8





#19
Isopropyl Alcohol
Concen: 2.129 ppbv m
RT: 3.587 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

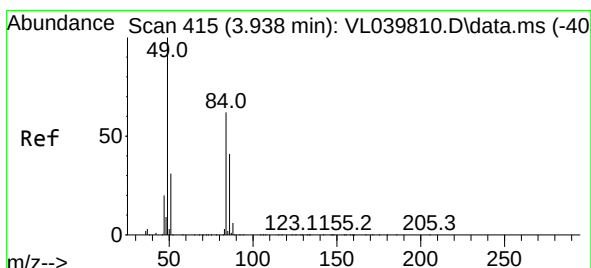
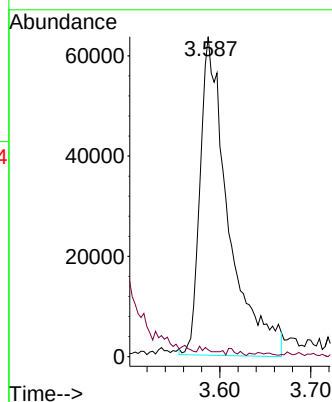
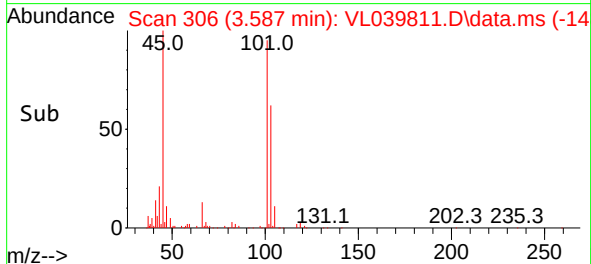
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



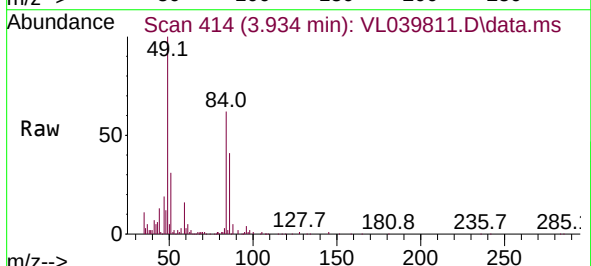
Tgt Ion: 45 Resp: 137248
Ion Ratio Lower Upper
45 100
58 0.0 38.3 57.5

Manual Integrations
APPROVED

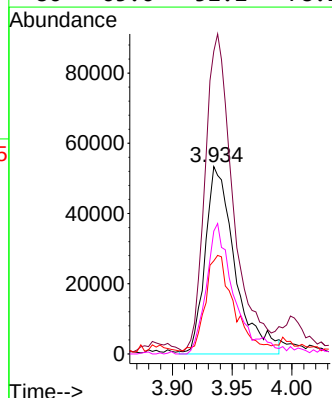
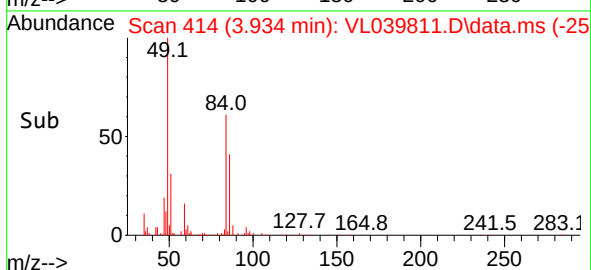
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

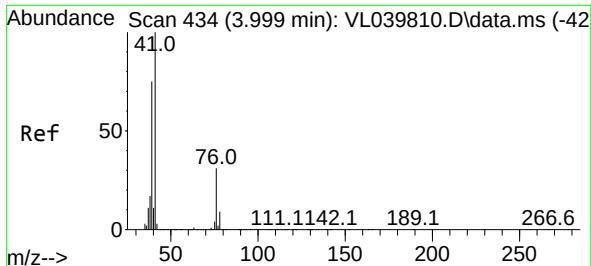


#20
Methylene Chloride
Concen: 1.770 ppbv m
RT: 3.934 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 84 Resp: 92652
Ion Ratio Lower Upper
84 100
49 161.7 128.6 192.8
51 49.7 40.2 60.4
86 65.6 52.2 78.2





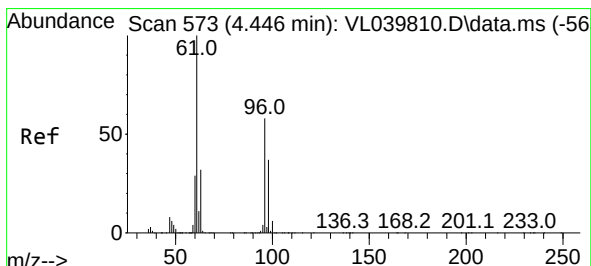
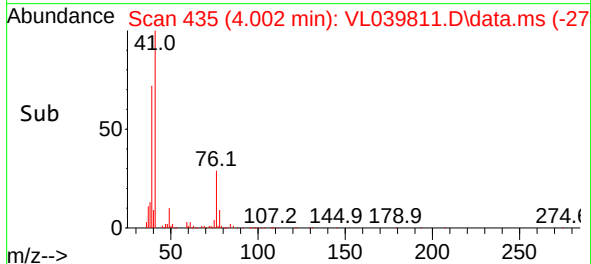
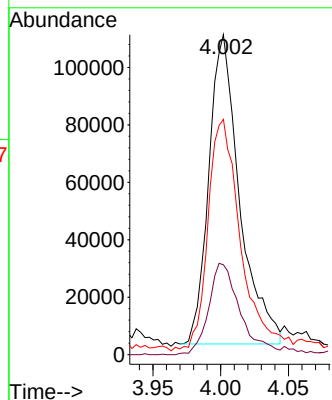
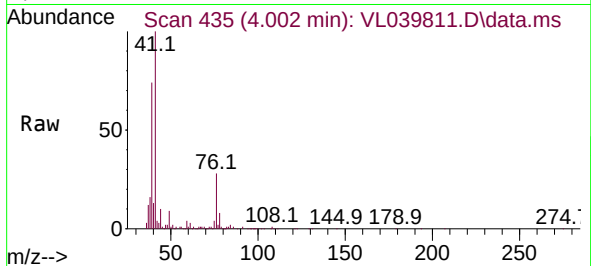
#21
 Allyl Chloride
 Concen: 1.908 ppbv
 RT: 4.002 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 169925
 Ion Ratio Lower Upper
 41 100
 76 31.9 24.1 36.1
 39 83.2 64.3 96.5

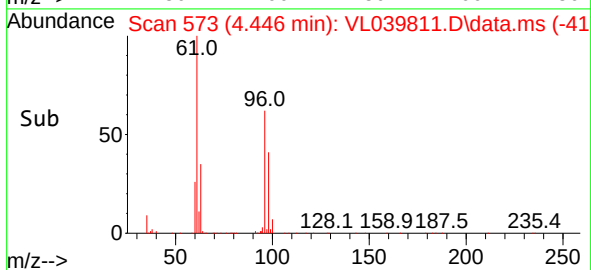
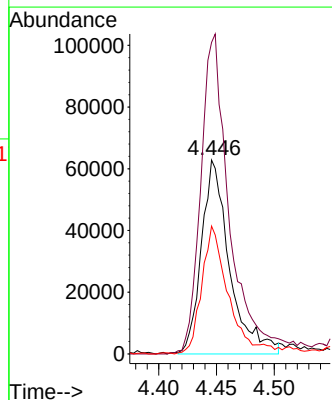
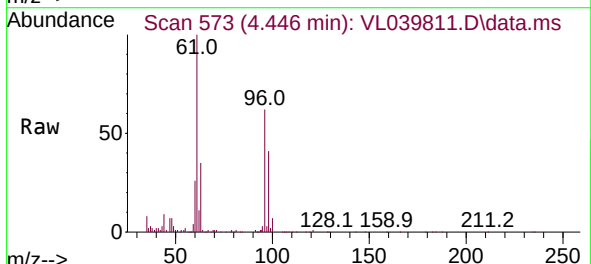
Manual Integrations
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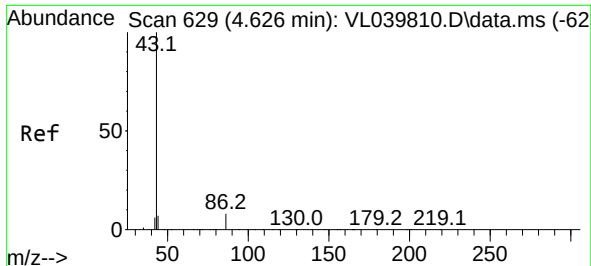
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.782 ppbv m
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

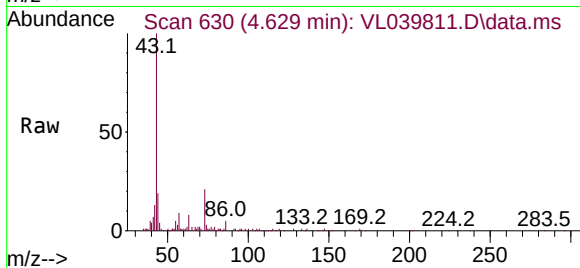
Tgt Ion: 96 Resp: 106473
 Ion Ratio Lower Upper
 96 100
 61 160.6 137.6 206.4
 98 65.9 51.2 76.8





#23
 Vinyl Acetate
 Concen: 2.065 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

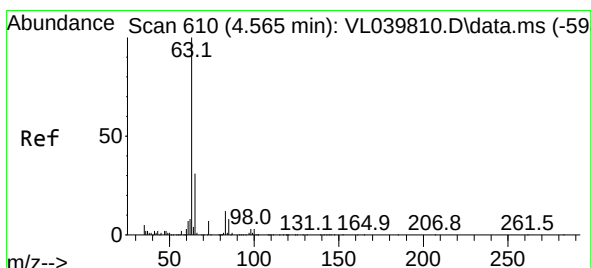
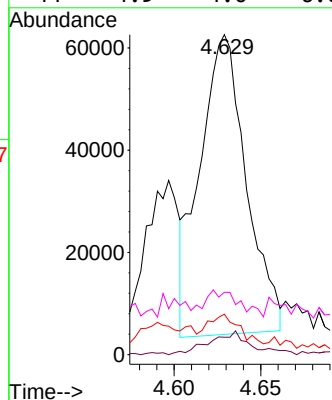
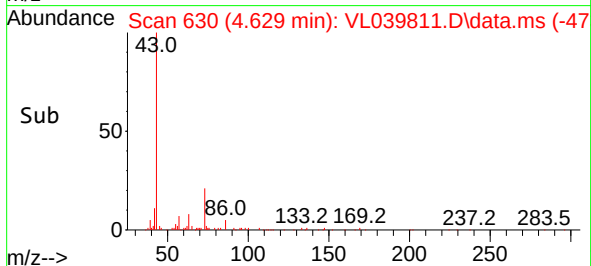
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



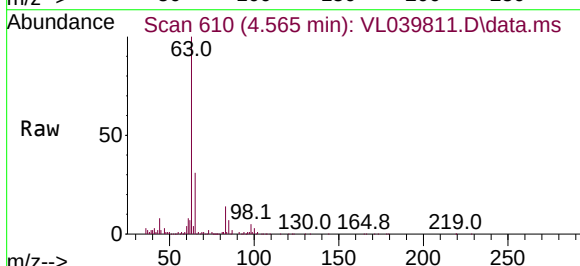
Tgt Ion: 43 Resp: 109505
 Ion Ratio Lower Upper
 43 100
 86 5.1 5.0 7.4
 42 11.3 6.8 10.2
 44 4.9 4.0 6.0

Manual Integrations
 APPROVED

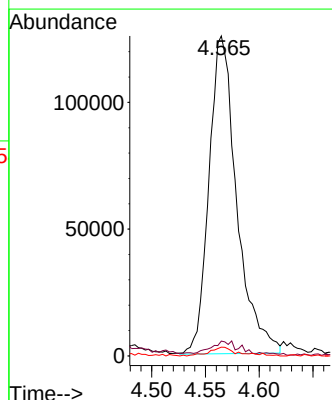
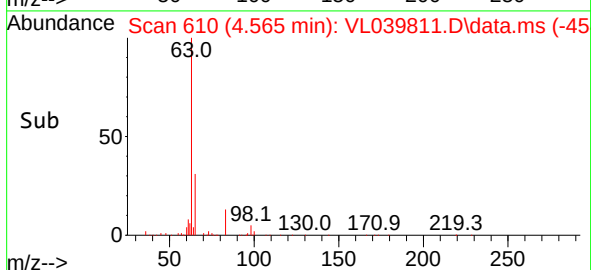
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

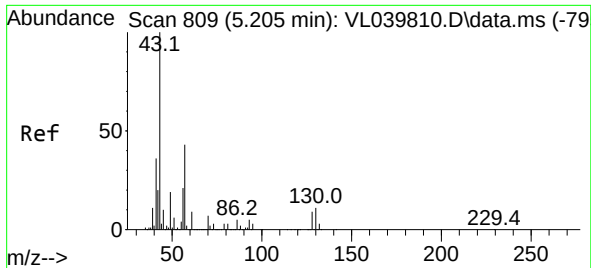


#24
 1,1-Dichloroethane
 Concen: 1.825 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24



Tgt Ion: 63 Resp: 225486
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.4
 100 2.8 1.5 4.4





#25

Ethyl Acetate

Concen: 2.187 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 58826

Ion Ratio Lower Upper

43 100

45 10.8 8.2 12.2

61 10.0 8.1 12.1

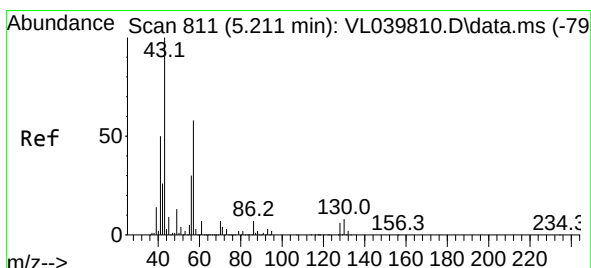
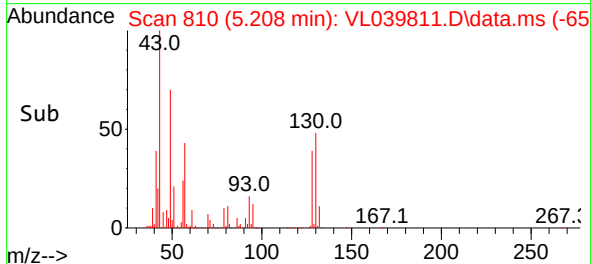
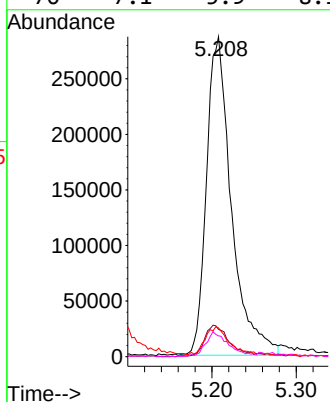
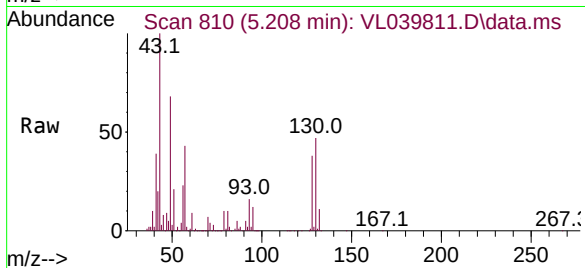
70 7.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#26

Hexane

Concen: 2.251 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Tgt Ion: 57 Resp: 251843

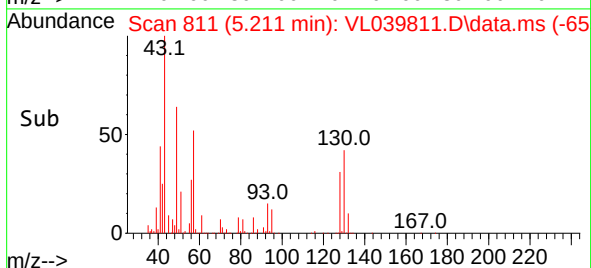
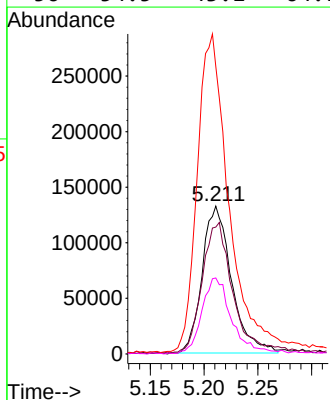
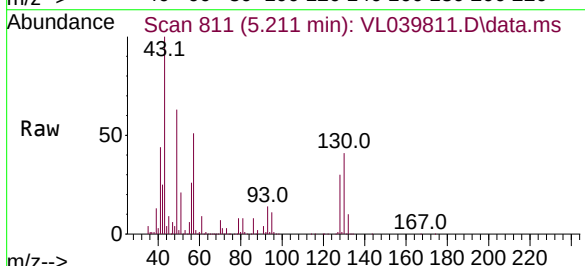
Ion Ratio Lower Upper

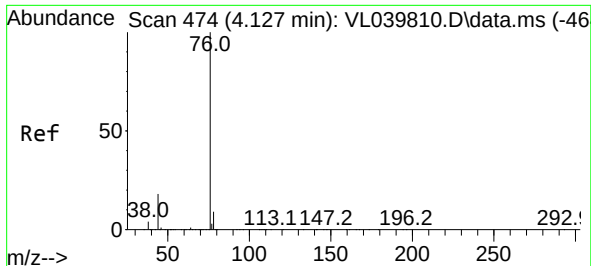
57 100

41 94.1 73.7 110.5

43 241.9 189.8 284.8

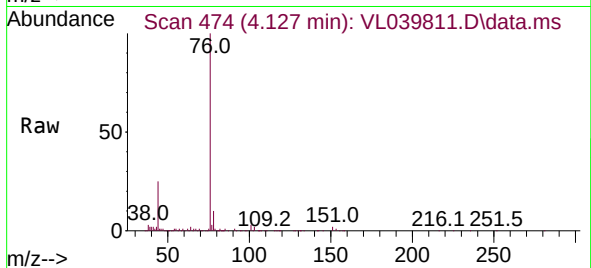
56 54.5 43.1 64.7





#27
Carbon Disulfide
Concen: 2.097 ppbv m
RT: 4.127 min Scan# 474
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

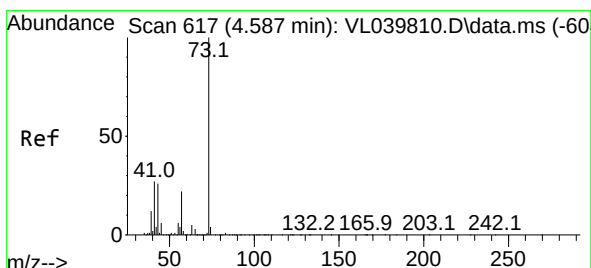
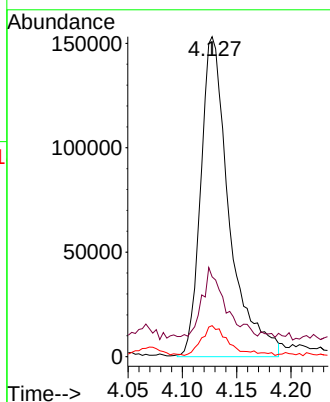
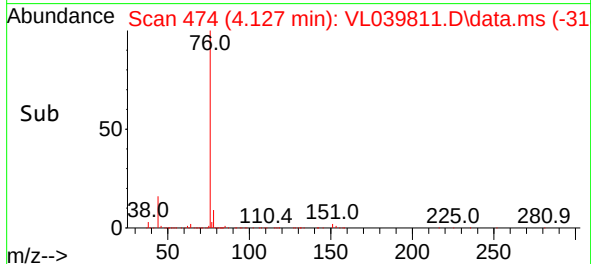
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 278435
Ion Ratio Lower Upper
76 100
44 19.0 14.6 22.0
78 9.3 7.6 11.4

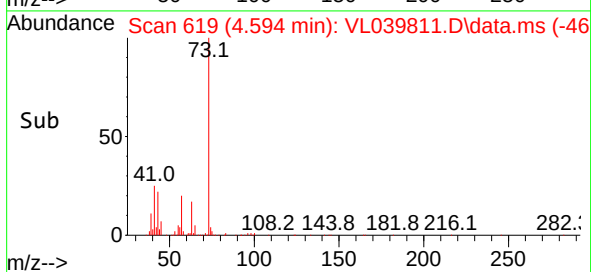
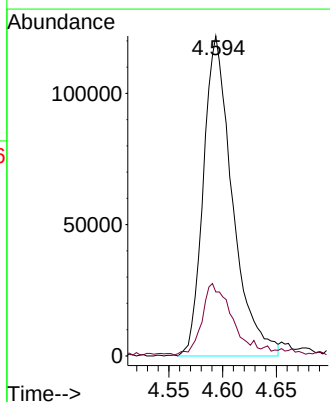
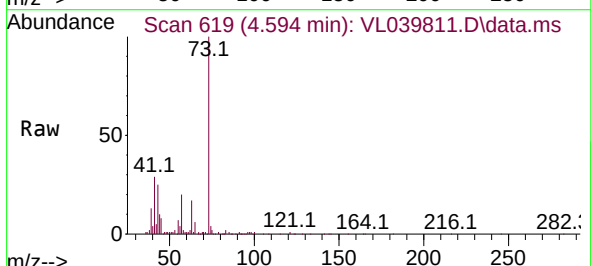
Manual Integrations
APPROVED

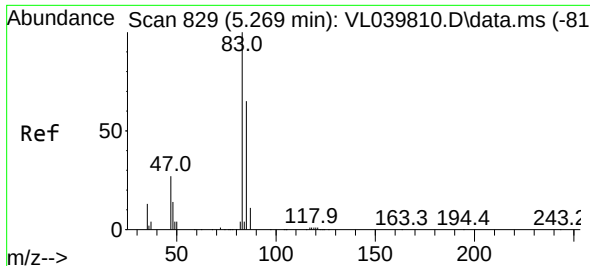
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#28
Methyl tert-Butyl Ether
Concen: 2.352 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

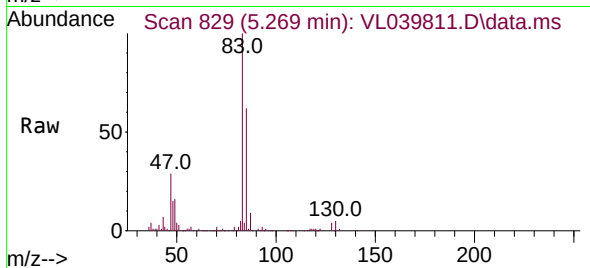
Tgt Ion: 73 Resp: 228913
Ion Ratio Lower Upper
73 100
57 24.9 19.4 29.2





#29
Chloroform
Concen: 2.051 ppbv
RT: 5.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

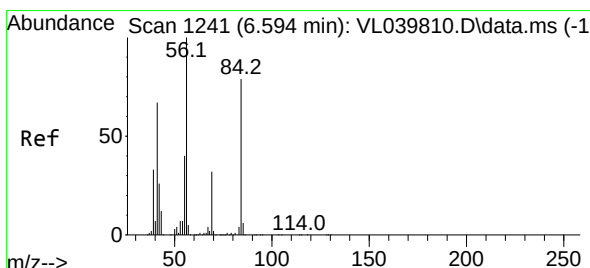
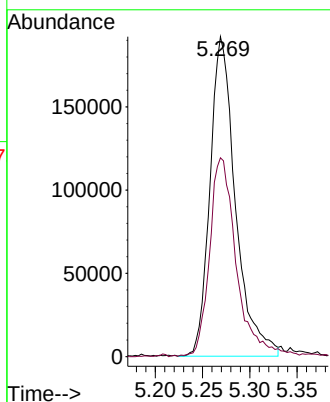
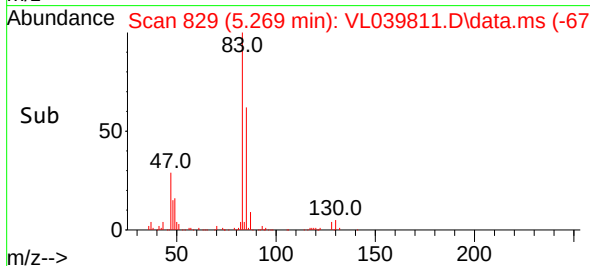
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



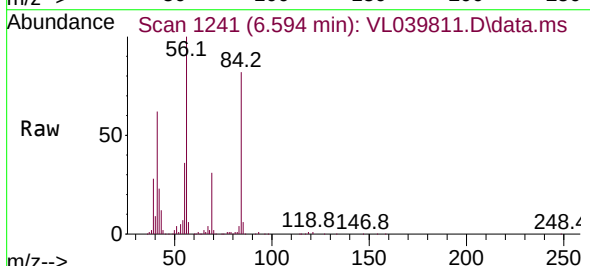
Tgt Ion: 83 Resp: 360684
Ion Ratio Lower Upper
83 100
85 62.1 51.6 77.4

Manual Integrations
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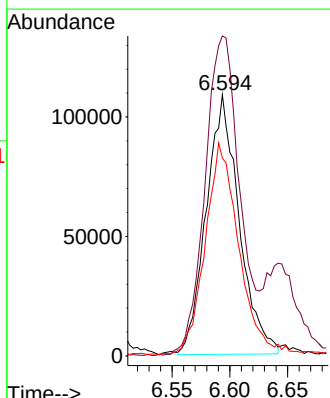
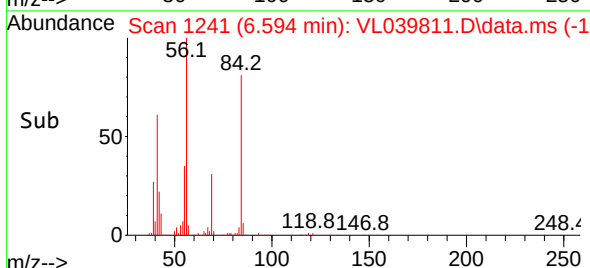
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

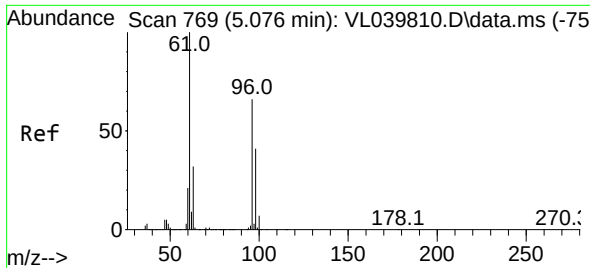


#30
Cyclohexane
Concen: 2.348 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



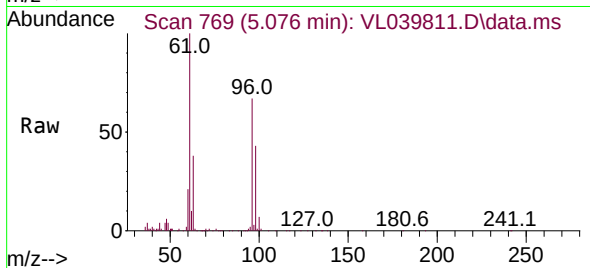
Tgt Ion: 84 Resp: 215213
Ion Ratio Lower Upper
84 100
56 131.1 114.8 172.2
41 85.3 68.6 103.0





#31
cis-1,2-Dichloroethene
Concen: 2.169 ppbv m
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

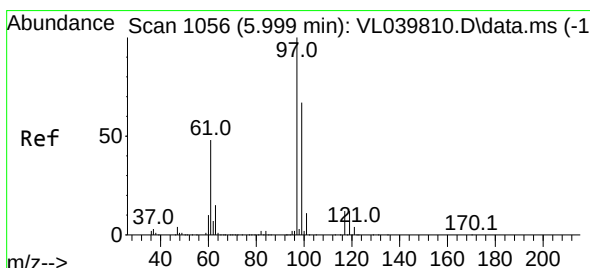
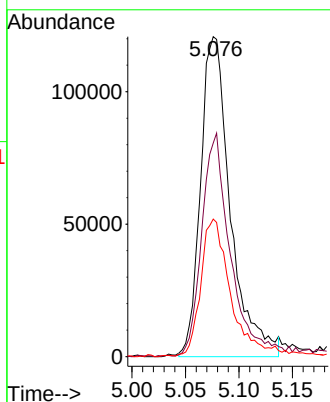
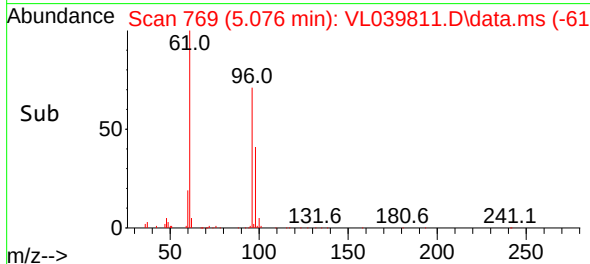
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



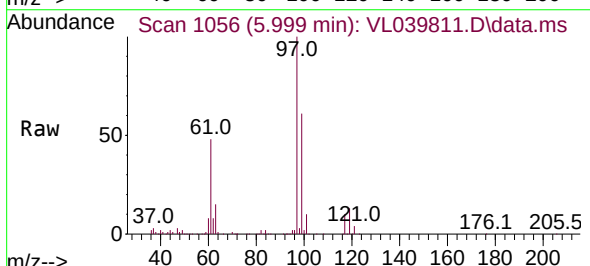
Tgt Ion: 61 Resp: 234163
Ion Ratio Lower Upper
61 100
96 66.7 52.6 78.8
98 43.0 32.6 48.8

Manual Integrations
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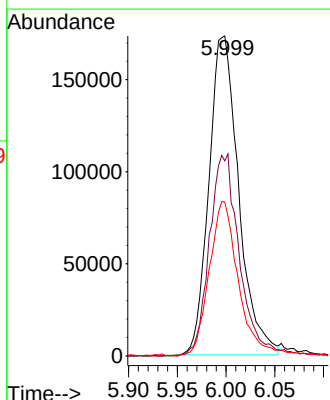
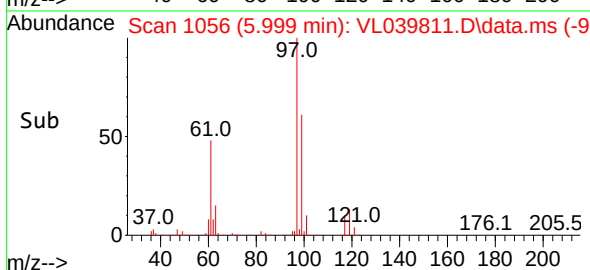
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

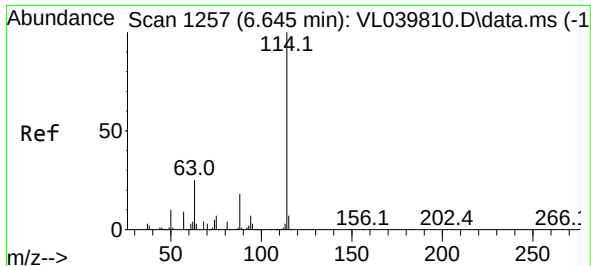


#32
1,1,1-Trichloroethane
Concen: 2.305 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 97 Resp: 367854
Ion Ratio Lower Upper
97 100
99 64.6 52.7 79.1
61 47.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 3145031

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

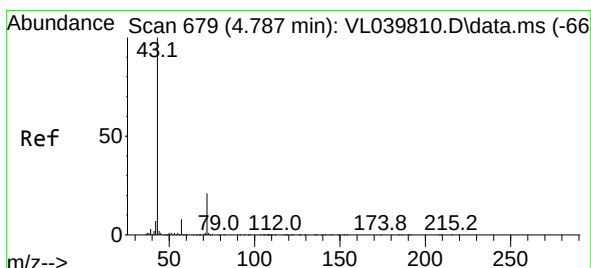
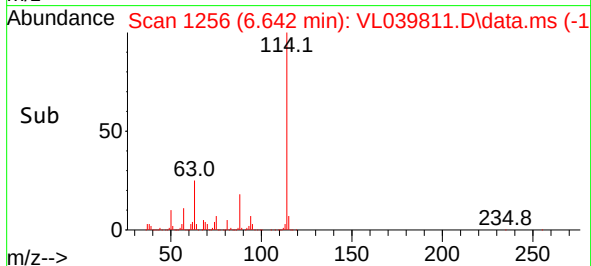
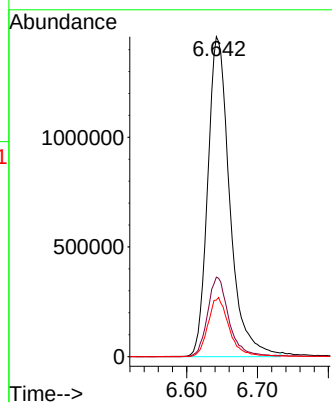
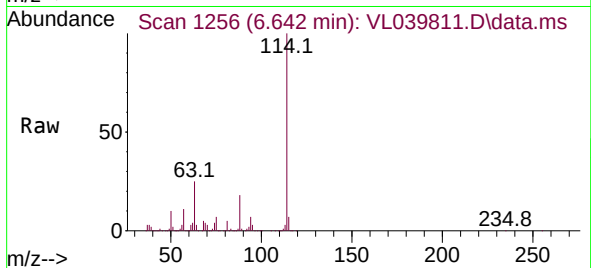
88 17.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#34

2-Butanone

Concen: 1.738 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL039811.D

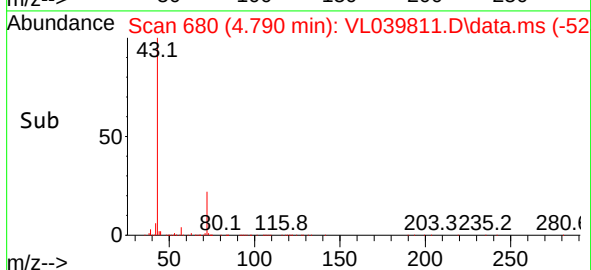
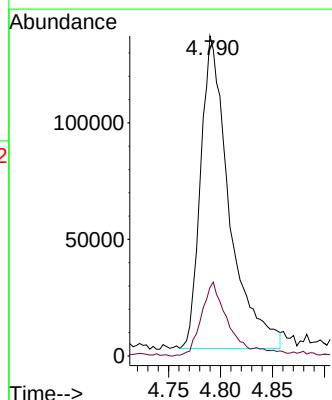
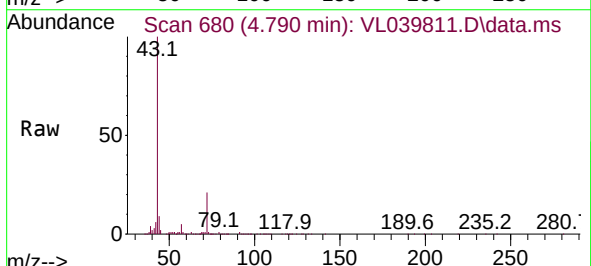
Acq: 2 Nov 2022 11:24

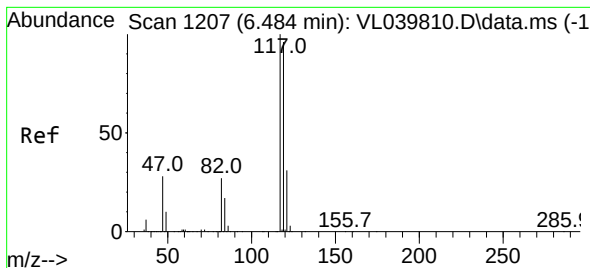
Tgt Ion: 43 Resp: 257178

Ion Ratio Lower Upper

43 100

72 24.2 17.5 26.3





#35

Carbon Tetrachloride

Concen: 2.145 ppbv

RT: 6.484 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

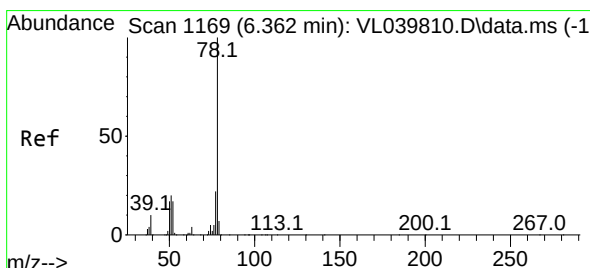
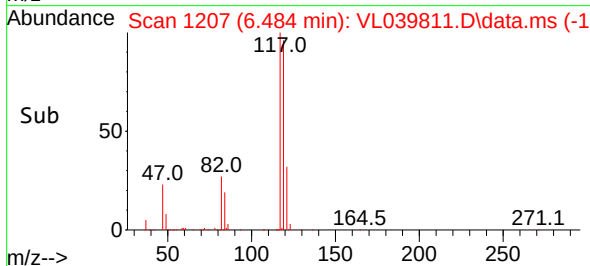
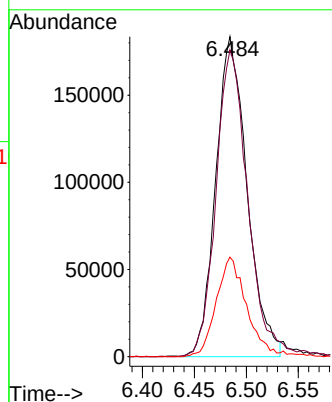
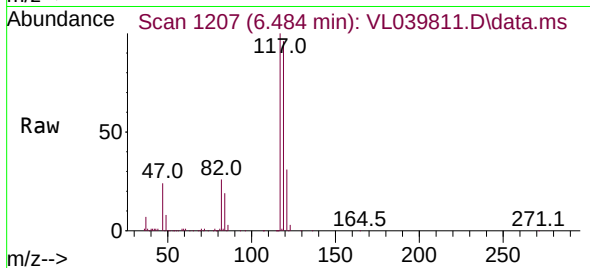
Tgt Ion: 117 Resp: 384529

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
121	31.1	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#36

Benzene

Concen: 2.194 ppbv

RT: 6.362 min Scan# 1169

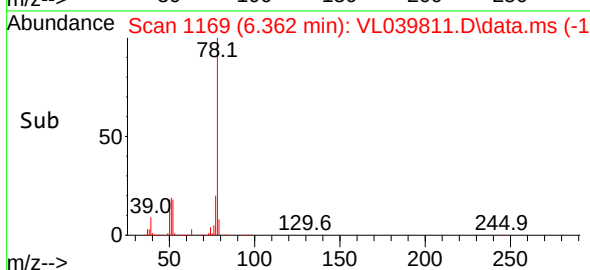
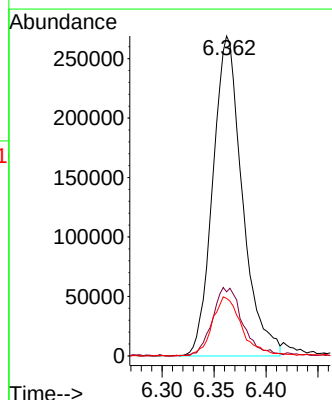
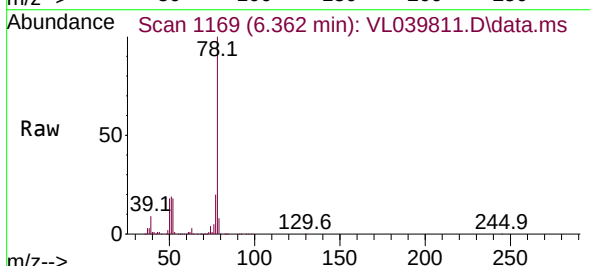
Delta R.T. 0.000 min

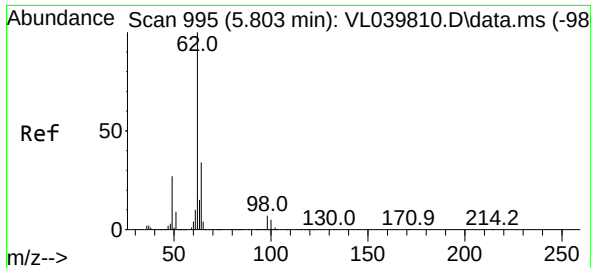
Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Tgt Ion: 78 Resp: 531425

Ion	Ratio	Lower	Upper
78	100		
77	19.9	17.4	26.2
50	17.9	13.9	20.9





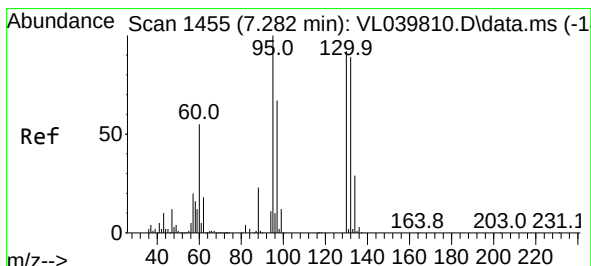
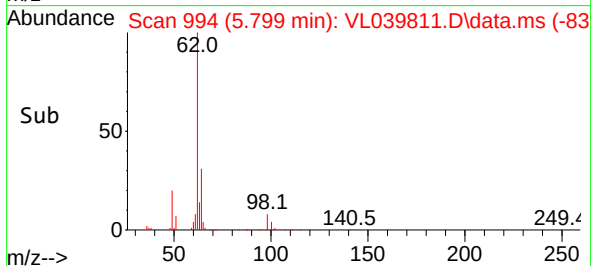
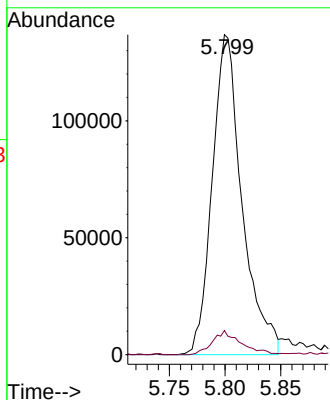
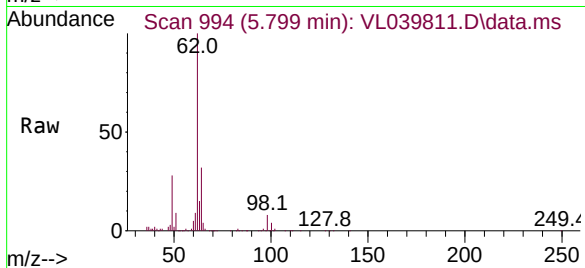
#37
1,2-Dichloroethane
Concen: 1.936 ppbv
RT: 5.799 min Scan# 995
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 62 Resp: 254659
Ion Ratio Lower Upper
62 100
98 7.7 5.4 8.2

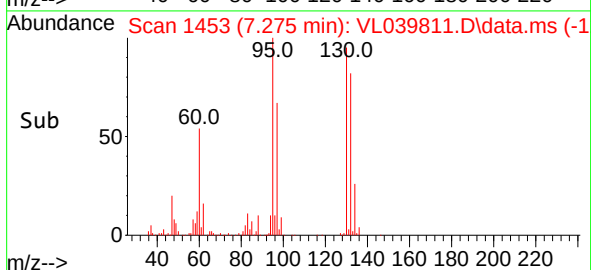
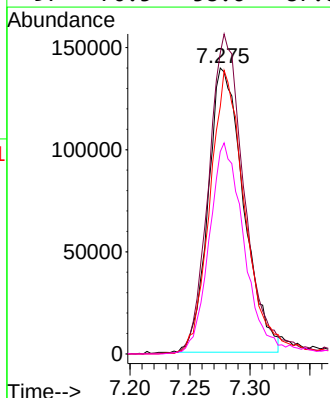
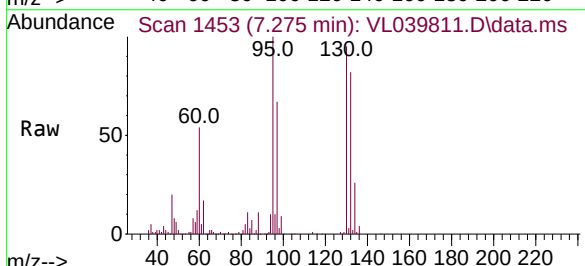
Manual Integrations
APPROVED

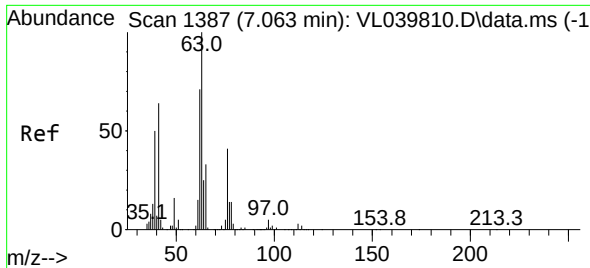
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Trichloroethene
Concen: 2.094 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:130 Resp: 286251
Ion Ratio Lower Upper
130 100
95 105.3 87.4 131.2
132 86.1 77.7 116.5
97 70.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 2.213 ppbv m

RT: 7.069 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

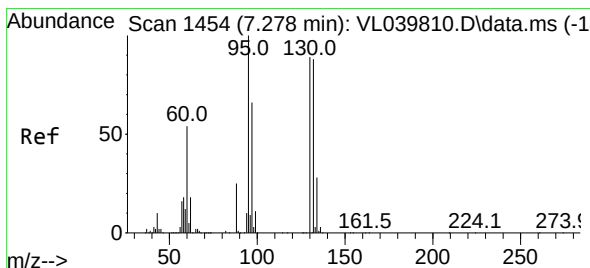
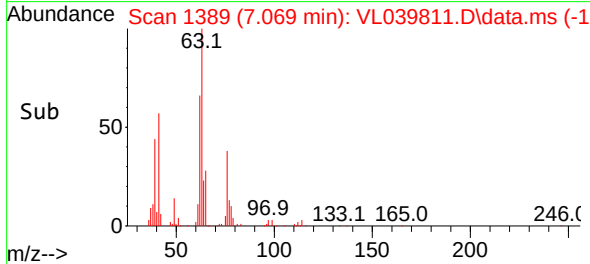
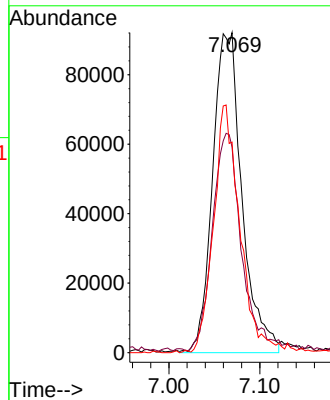
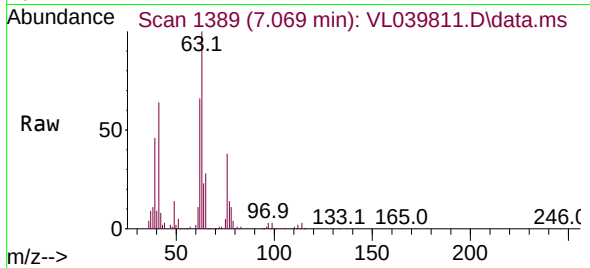
VSTDICC002

Tgt Ion: 63	Resp: 20652
Ion Ratio	Lower Upper
63	100
41	64.2 51.0 76.4
62	65.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#40

1,4-Dioxane

Concen: 2.501 ppbv m

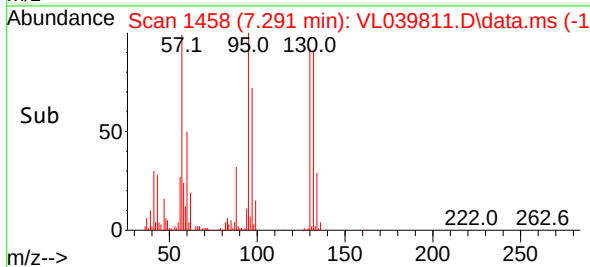
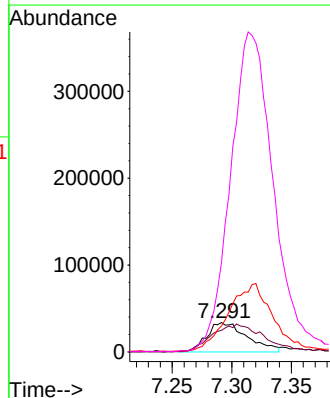
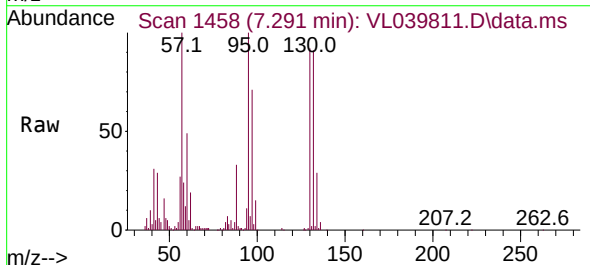
RT: 7.291 min Scan# 1458

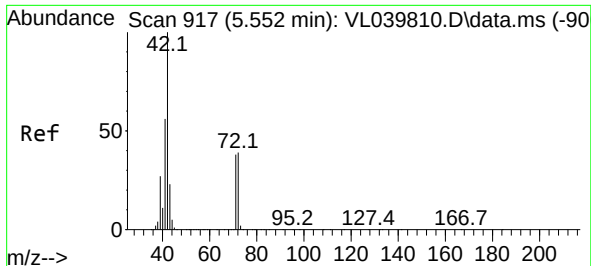
Delta R.T. 0.013 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Tgt Ion: 88	Resp: 79549
Ion Ratio	Lower Upper
88	100
58	0.0 99.5 149.3#
43	0.0 189.7 284.5#
57	0.0 846.5 1269.7#





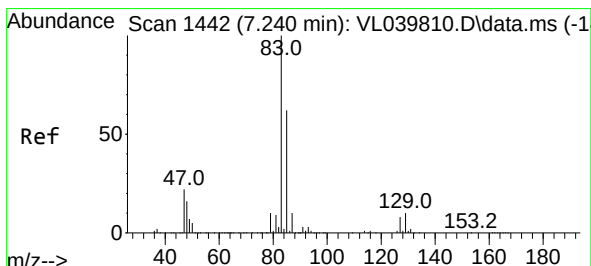
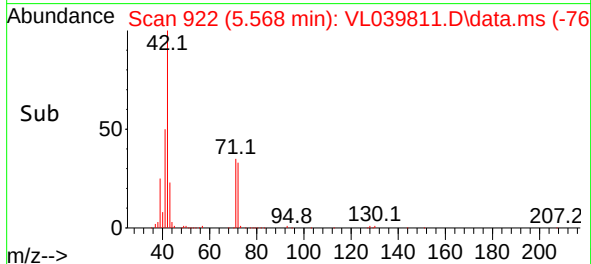
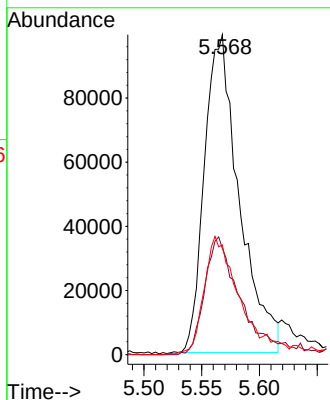
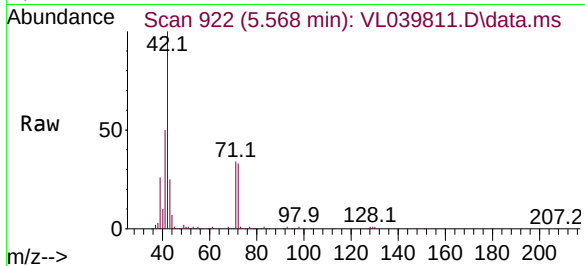
#41
Tetrahydrofuran
Concen: 2.261 ppbv
RT: 5.568 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 207862
Ion Ratio Lower Upper
42 100
72 39.7 31.4 47.2
71 40.7 31.5 47.3

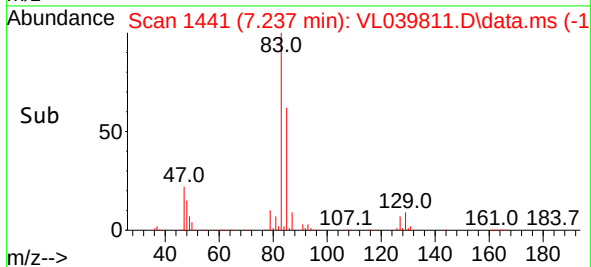
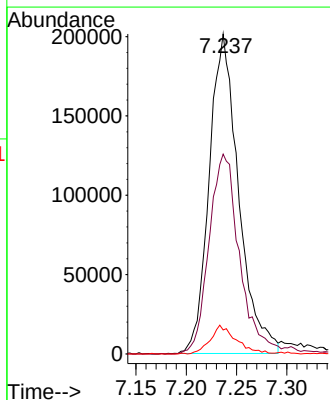
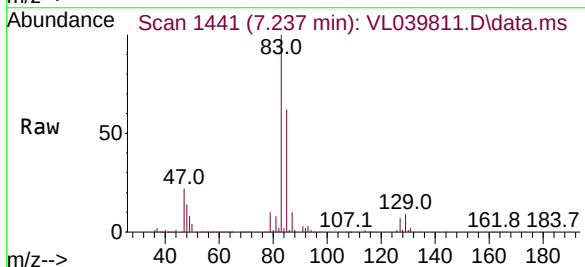
Manual Integrations
APPROVED

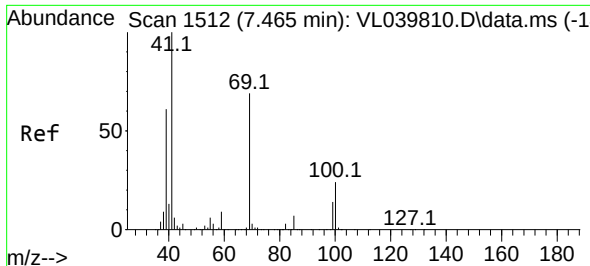
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
Bromodichloromethane
Concen: 2.214 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

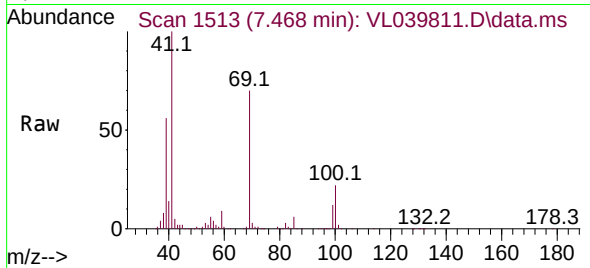
Tgt Ion: 83 Resp: 410193
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 7.5 6.4 9.6





#43
Methyl Methacrylate
Concen: 2.453 ppbv
RT: 7.468 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

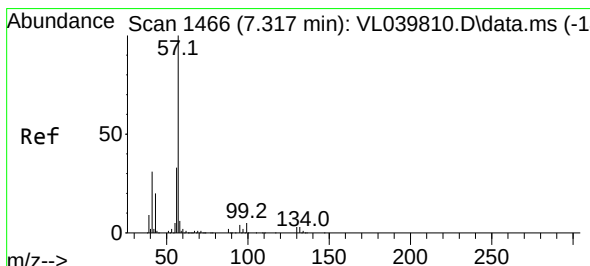
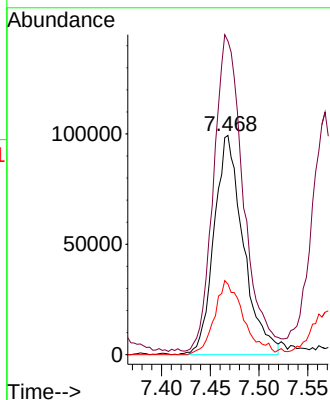
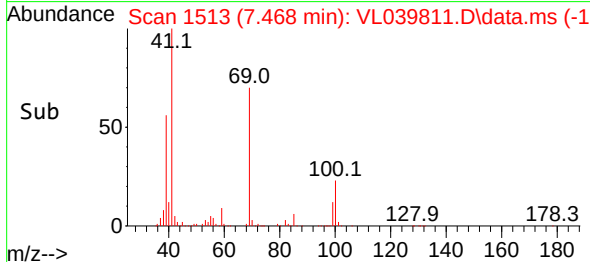
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



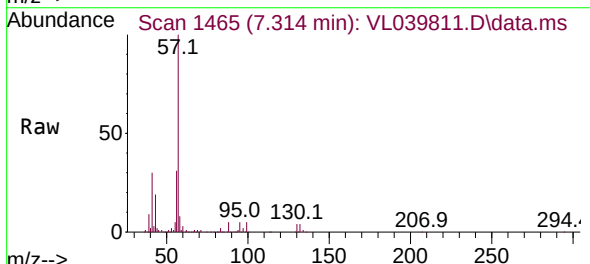
Tgt Ion: 69 Resp: 206917
Ion Ratio Lower Upper
69 100
41 149.6 115.7 173.5
100 34.1 25.9 38.9

Manual Integrations
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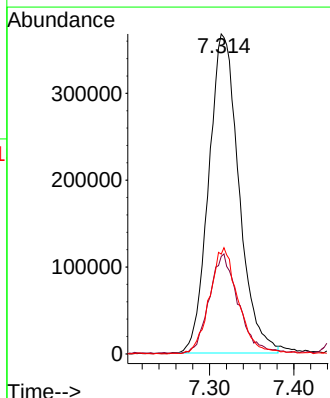
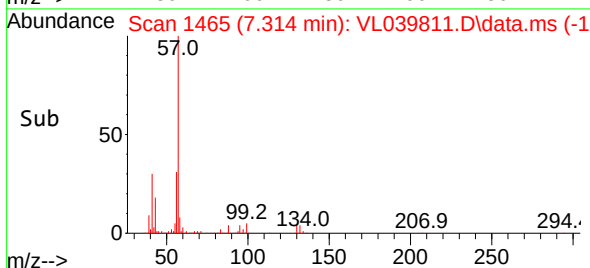
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

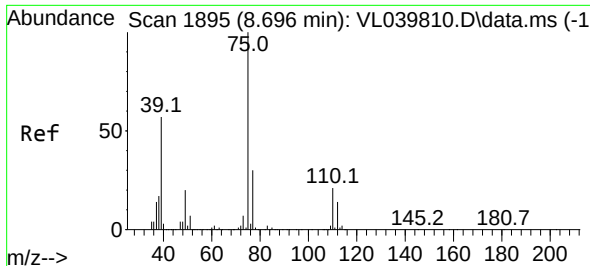


#44
2,2,4-Trimethylpentane
Concen: 2.259 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 57 Resp: 914566
Ion Ratio Lower Upper
57 100
41 30.3 24.6 36.8
56 31.7 25.4 38.0





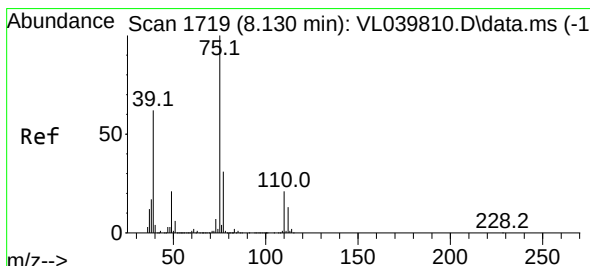
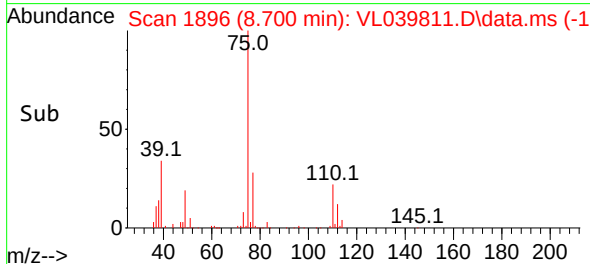
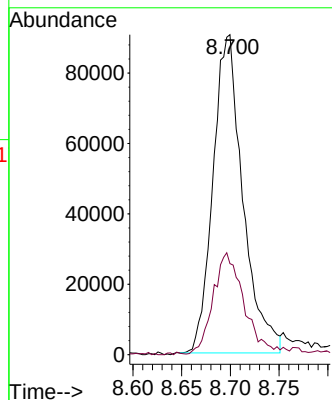
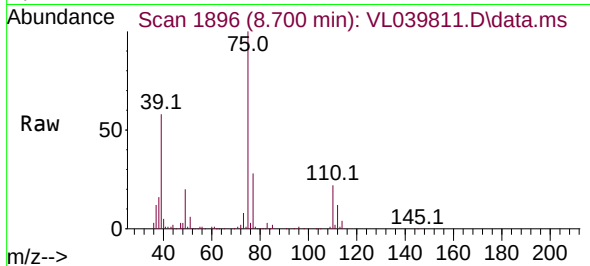
#45
 t-1,3-Dichloropropene
 Concen: 2.693 ppbv
 RT: 8.700 min Scan# 1895
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 192944
 Ion Ratio Lower Upper
 75 100
 77 28.4 24.4 36.6

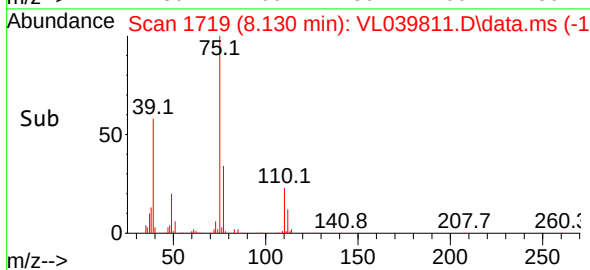
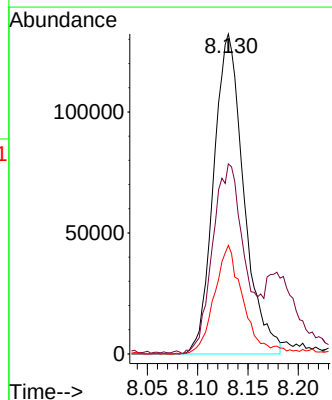
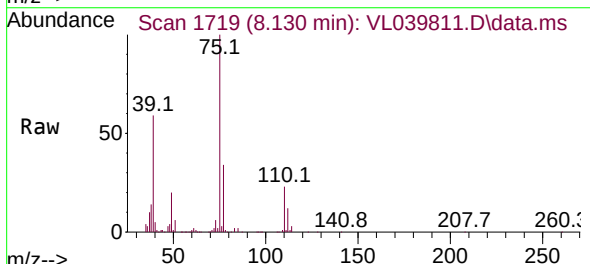
Manual Integrations
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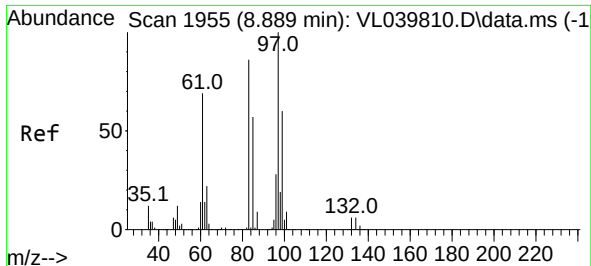
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#46
 cis-1,3-Dichloropropene
 Concen: 2.683 ppbv
 RT: 8.130 min Scan# 1719
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Tgt Ion: 75 Resp: 275876
 Ion Ratio Lower Upper
 75 100
 39 58.8 50.0 75.0
 77 33.9 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 2.067 ppbv

RT: 8.886 min Scan# 1955

Delta R.T. -0.003 min

Lab File: VL039811.D

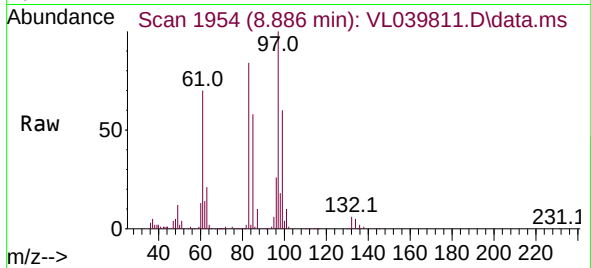
Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 97 Resp: 20655

Ion Ratio Lower Upper

97 100

83 83.6 68.8 103.2

85 57.1 45.8 68.6

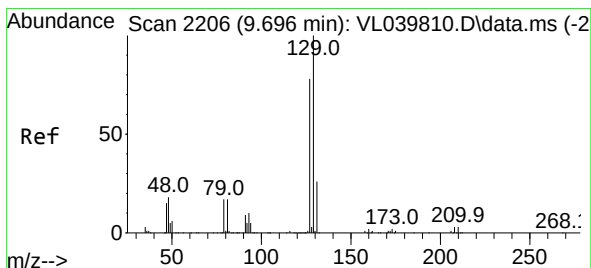
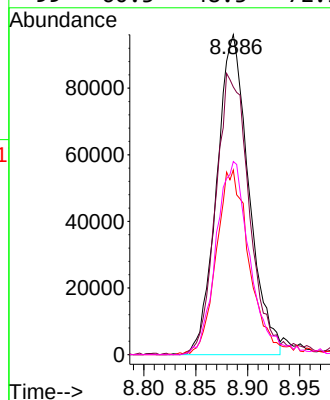
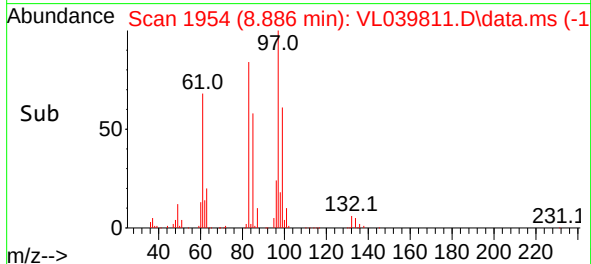
99 60.3 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#48

Dibromochloromethane

Concen: 2.283 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.003 min

Lab File: VL039811.D

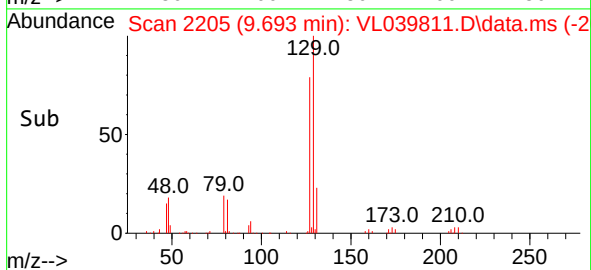
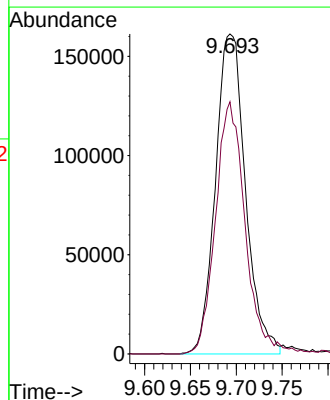
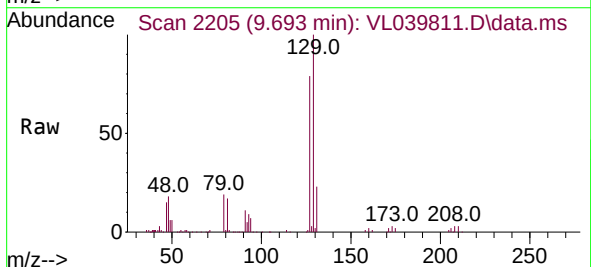
Acq: 2 Nov 2022 11:24

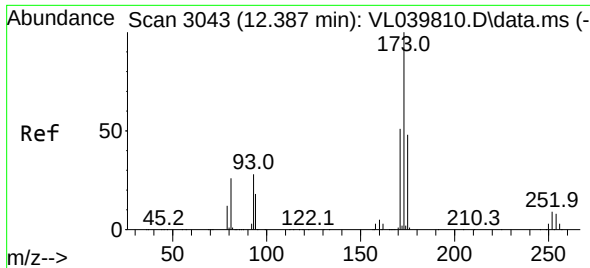
Tgt Ion:129 Resp: 367232

Ion Ratio Lower Upper

129 100

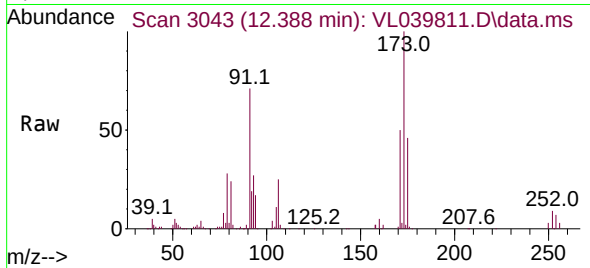
127 78.0 39.4 118.1





#49
Bromoform
Concen: 2.265 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

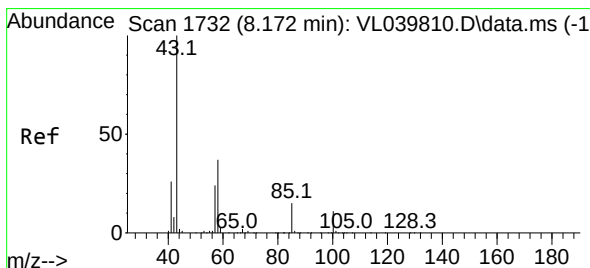
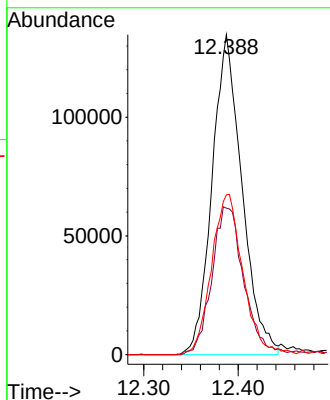
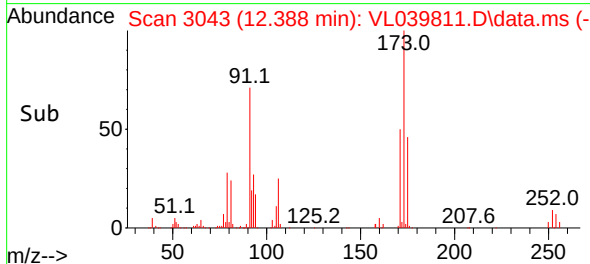
Instrument : MSVOA_L
Client Sample Id : VSTDIC002



Tgt Ion: 173 Resp: 296743
Ion Ratio Lower Upper
173 100
175 50.2 39.7 59.5
171 53.0 41.7 62.5

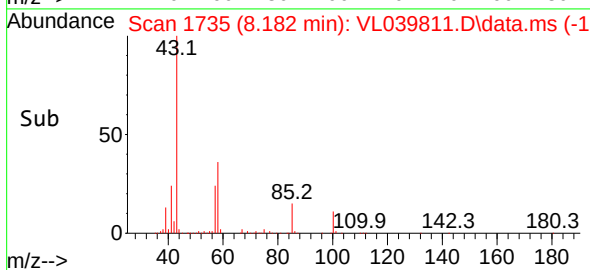
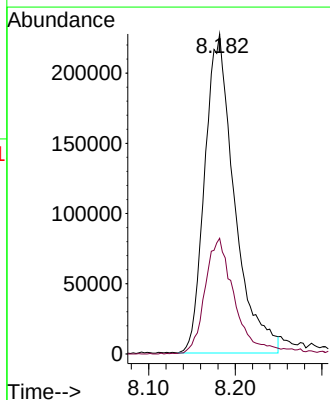
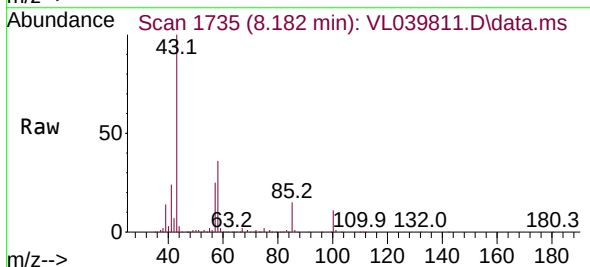
Manual Integrations
APPROVED

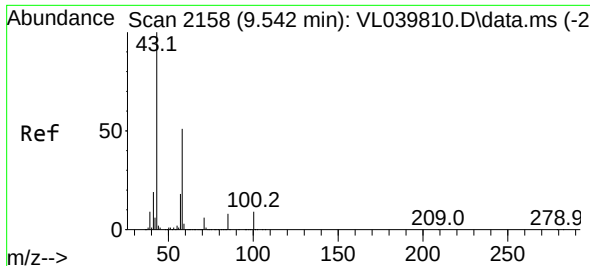
Reviewed By : Semsettin Yesilyurt 11/03/2022
Supervised By : Mahesh Dadoda 11/03/2022



#50
4-Methyl-2-Pentanone
Concen: 2.334 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.010 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

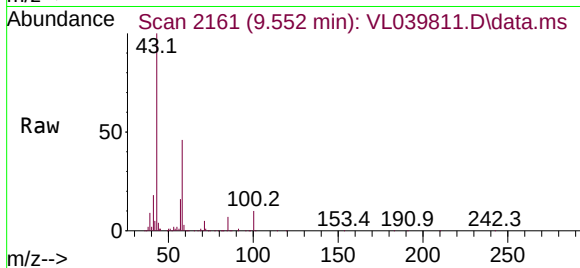
Tgt Ion: 43 Resp: 541866
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6





#51
2-Hexanone
Concen: 2.465 ppbv m
RT: 9.552 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

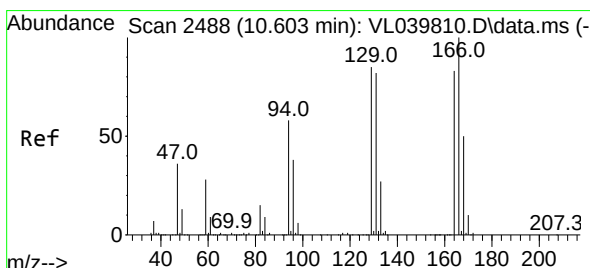
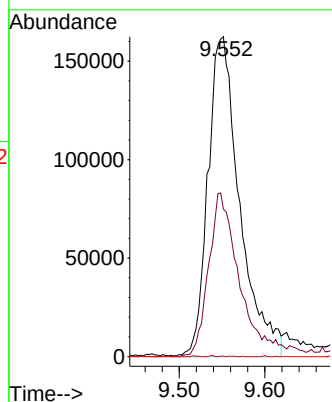
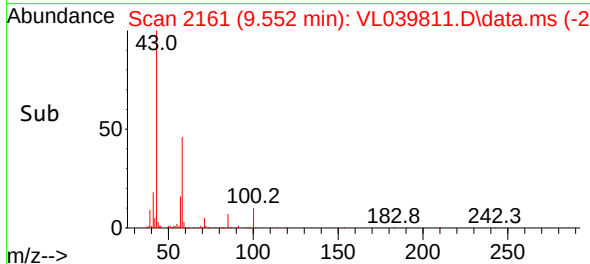
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 418916
Ion Ratio Lower Upper
43 100
58 52.9 40.5 60.7
98 0.2 0.1 0.1

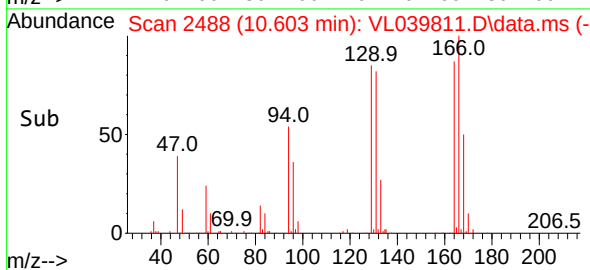
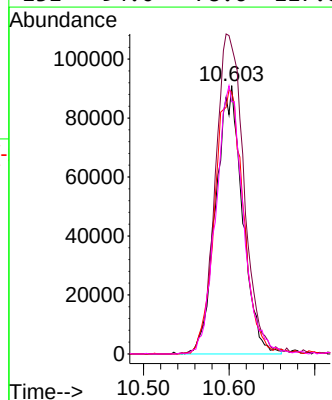
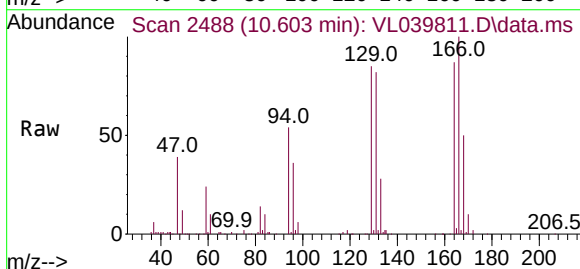
Manual Integrations
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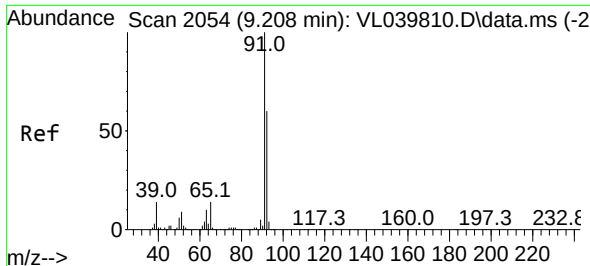
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Tetrachloroethene
Concen: 2.179 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

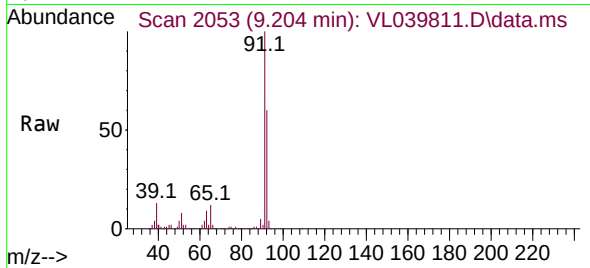
Tgt Ion:164 Resp: 197697
Ion Ratio Lower Upper
164 100
166 114.5 96.0 144.0
129 97.5 81.4 122.2
131 94.0 78.6 117.8





#53
Toluene
Concen: 2.415 ppbv
RT: 9.204 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

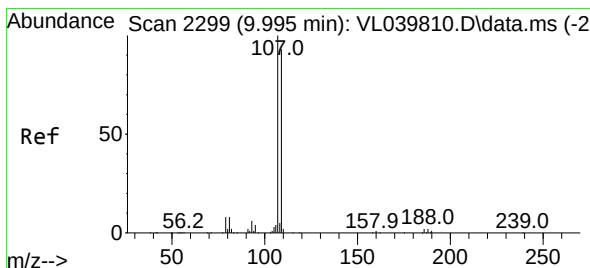
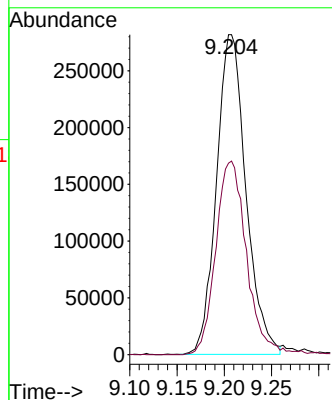
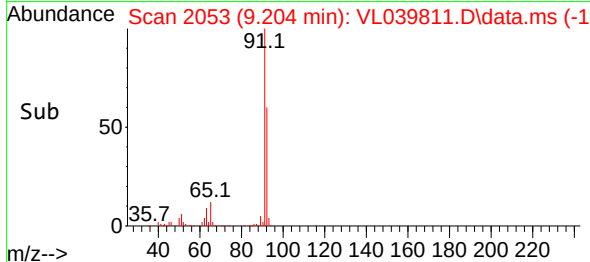
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



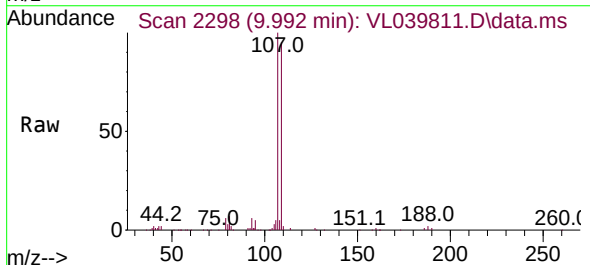
Tgt Ion: 91 Resp: 612712
Ion Ratio Lower Upper
91 100
92 63.4 49.6 74.4

Manual Integrations
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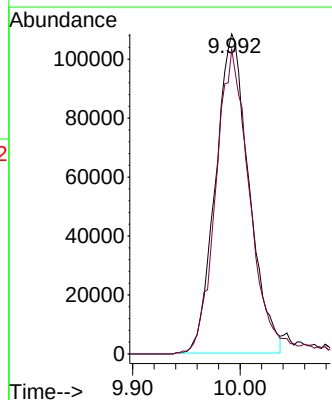
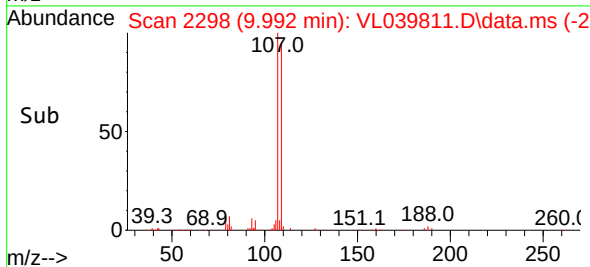
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

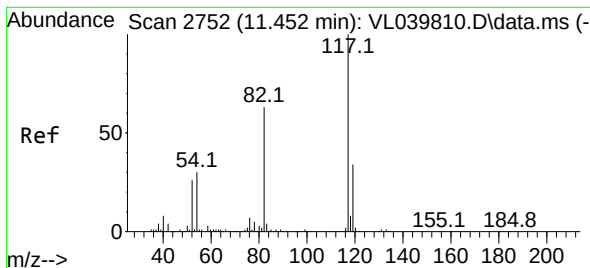


#54
1,2-Dibromoethane
Concen: 2.309 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion:107 Resp: 234173
Ion Ratio Lower Upper
107 100
109 94.9 74.5 111.7





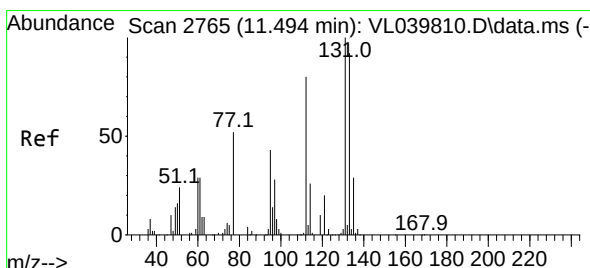
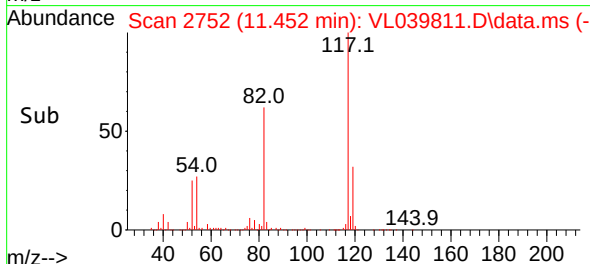
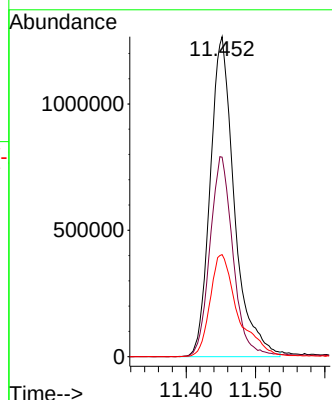
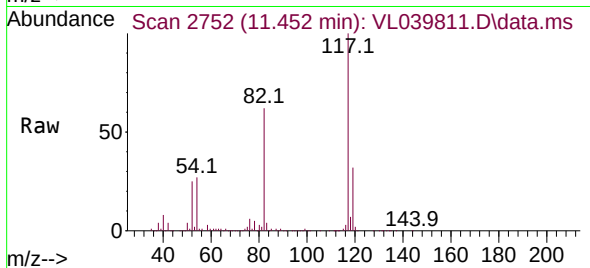
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 3072215
Ion Ratio Lower Upper
117 100
82 60.9 51.0 76.6
119 36.8 24.7 37.1

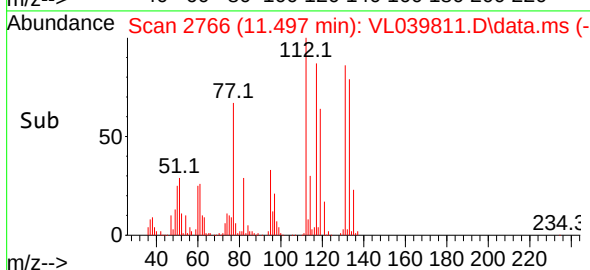
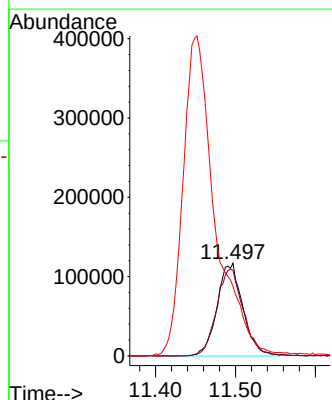
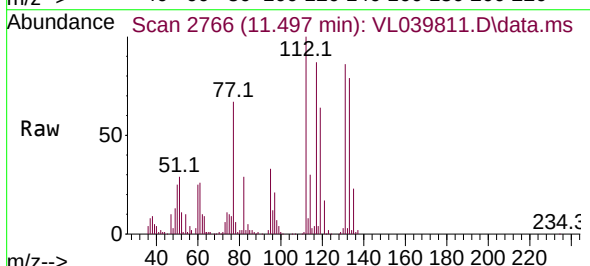
Manual Integrations
APPROVED

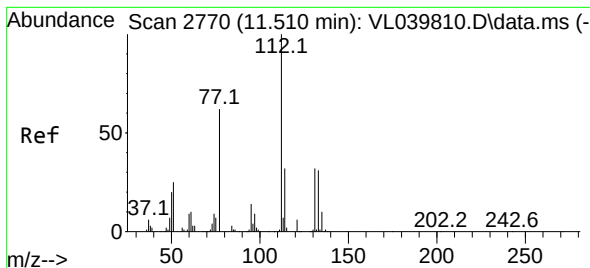
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 2.011 ppbv m
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

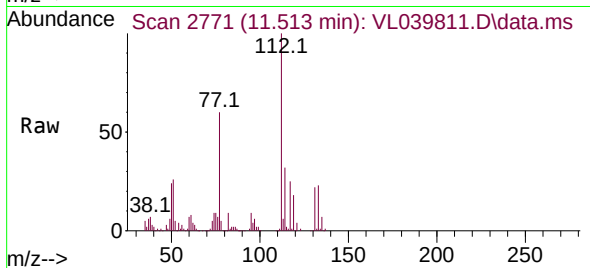
Tgt Ion:131 Resp: 261472
Ion Ratio Lower Upper
131 100
133 97.2 76.9 115.3
119 0.0 52.2 78.2#





#57
Chlorobenzene
Concen: 1.968 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

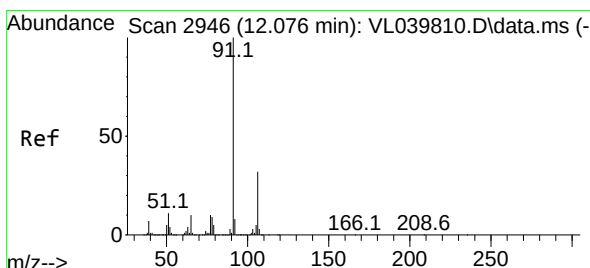
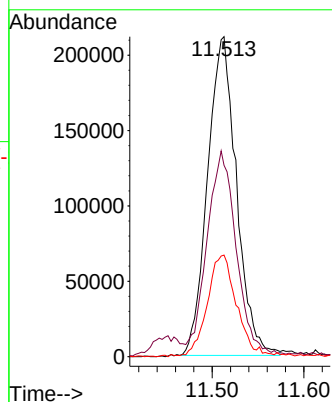
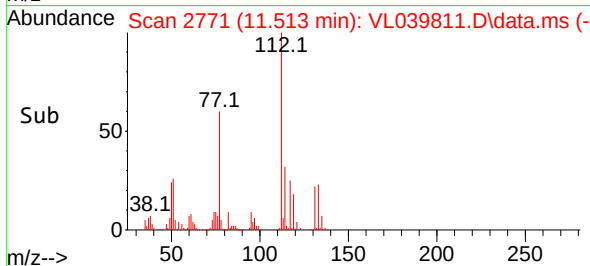
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



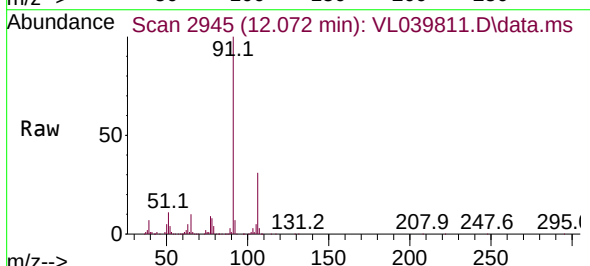
Tgt Ion:112 Resp: 463752
Ion Ratio Lower Upper
112 100
77 58.9 49.8 74.6
114 31.6 29.0 35.4

Manual Integrations
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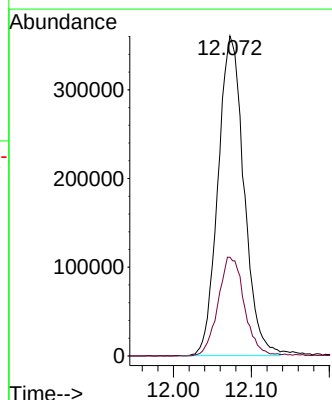
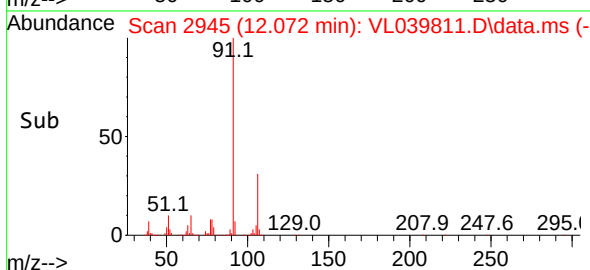
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

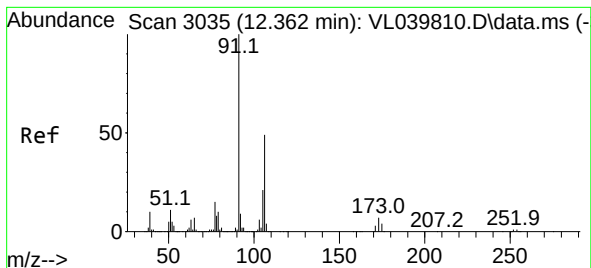


#58
Ethyl Benzene
Concen: 2.382 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 91 Resp: 833574
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9





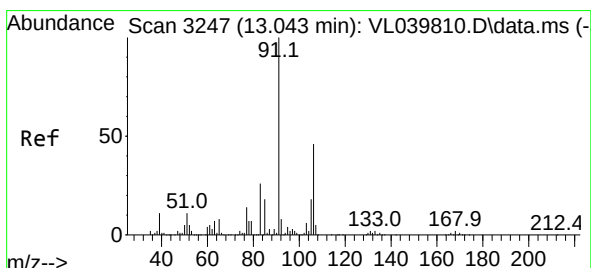
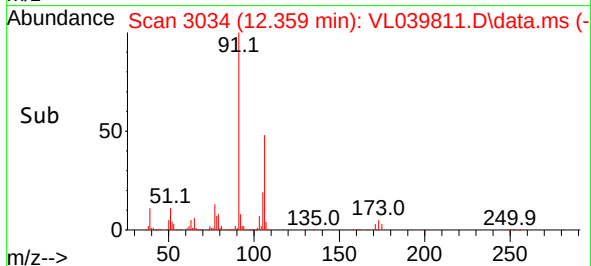
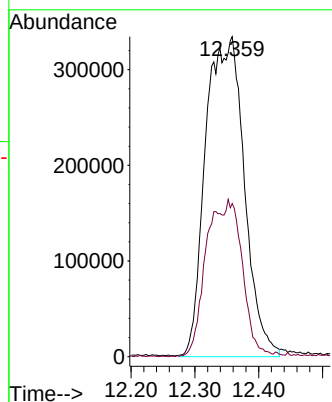
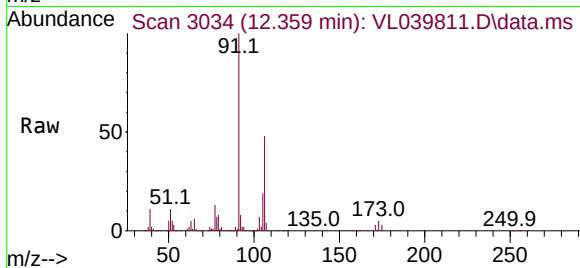
#59
m/p-Xylene
Concen: 4.443 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 1403413
Ion Ratio Lower Upper
91 100
106 45.9 37.6 56.4

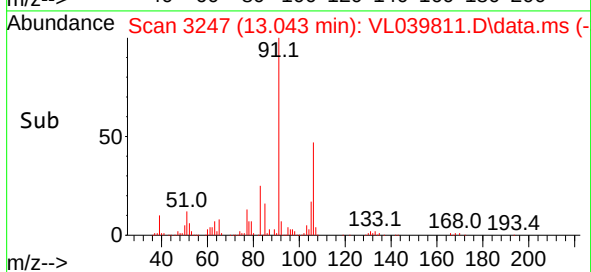
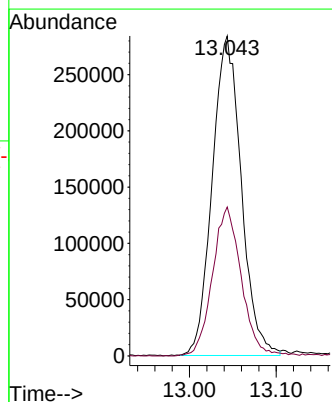
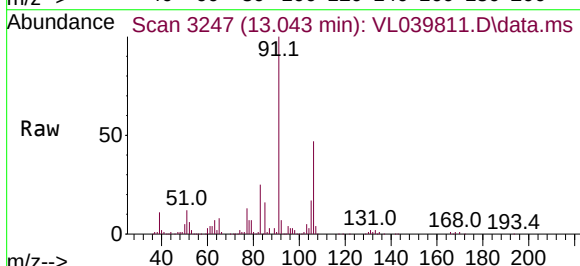
Manual Integrations
APPROVED

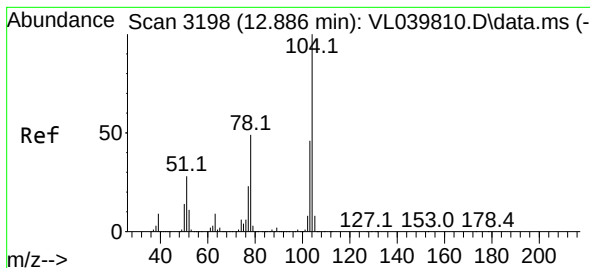
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
o-Xylene
Concen: 2.231 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 91 Resp: 660673
Ion Ratio Lower Upper
91 100
106 46.9 23.6 70.8





#61

Styrene

Concen: 2.522 ppbv

RT: 12.883 min Scan# 3198

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

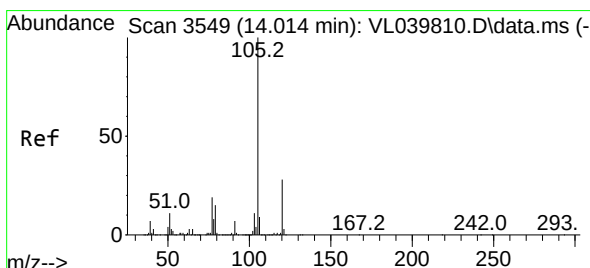
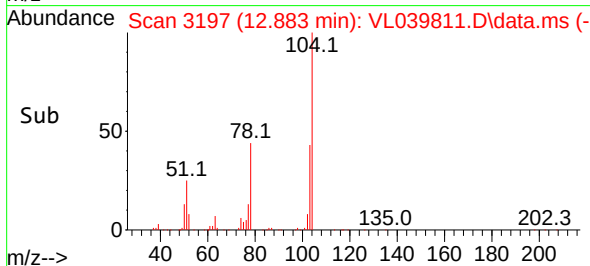
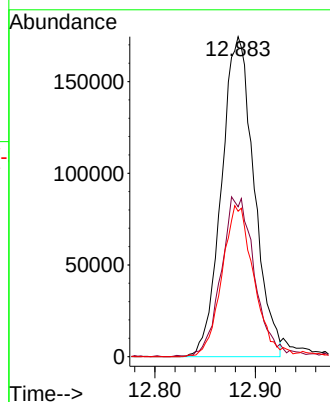
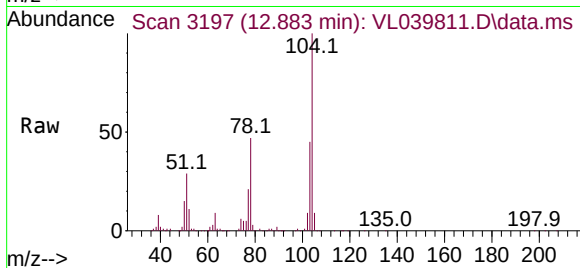
VSTDIC002

Tgt Ion:104 Resp: 392333
 Ion Ratio Lower Upper
 104 100
 78 51.8 40.2 60.2
 103 47.3 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#62

Isopropylbenzene

Concen: 2.185 ppbv

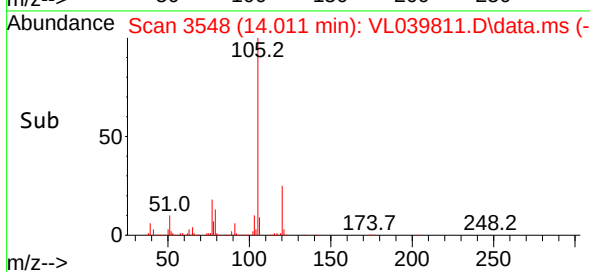
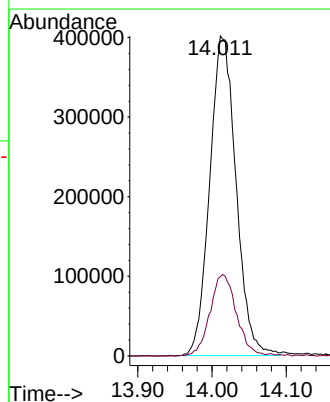
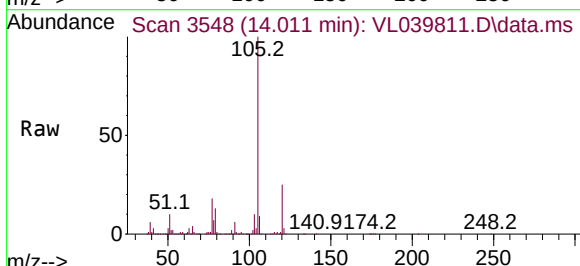
RT: 14.011 min Scan# 3548

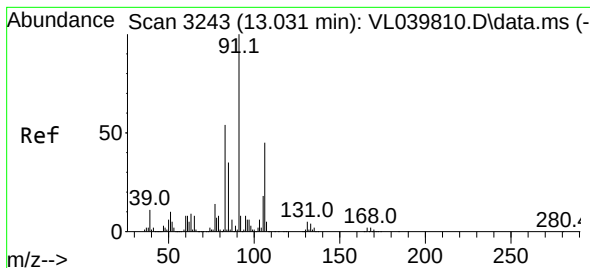
Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

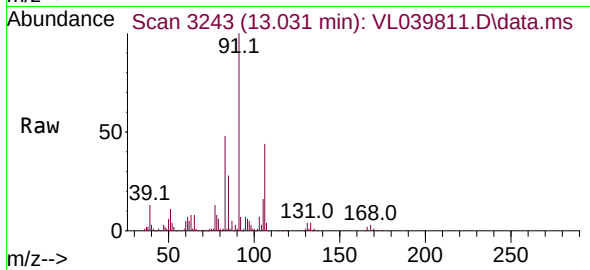
Tgt Ion:105 Resp: 988902
 Ion Ratio Lower Upper
 105 100
 120 25.9 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 1.936 ppbv m
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

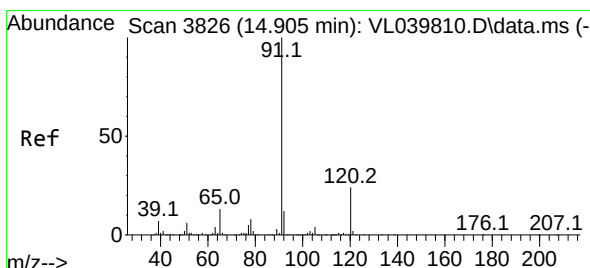
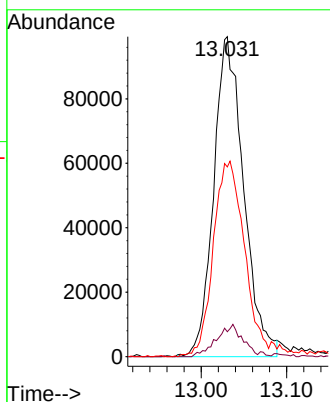
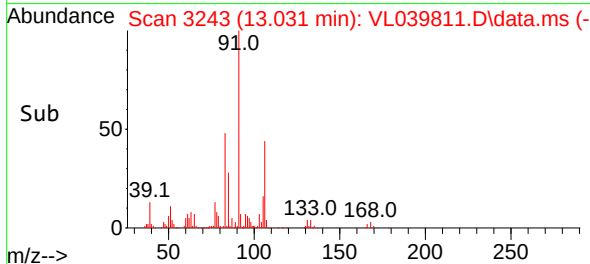
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



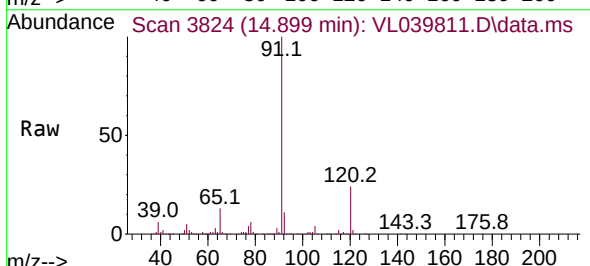
Tgt Ion: 83 Resp: 241237
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 65.0 33.3 99.9

Manual Integrations
APPROVED

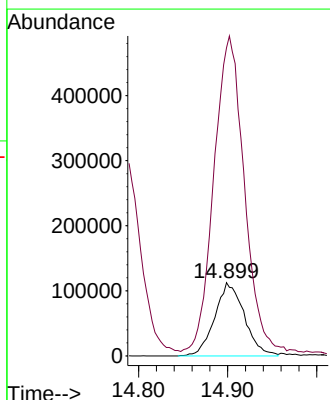
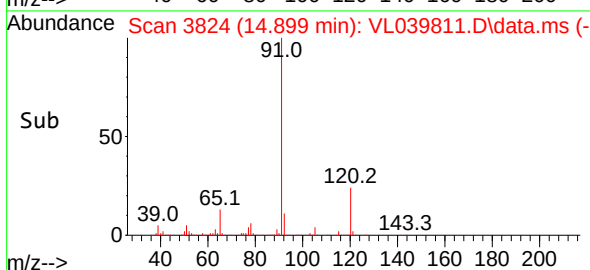
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

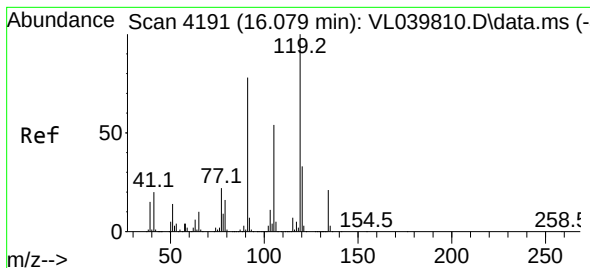


#64
n-propylbenzene
Concen: 2.264 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



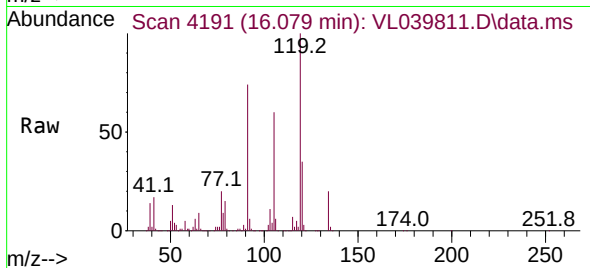
Tgt Ion:120 Resp: 259449
Ion Ratio Lower Upper
120 100
91 463.8 354.9 532.3





#65
tert-Butylbenzene
Concen: 2.225 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

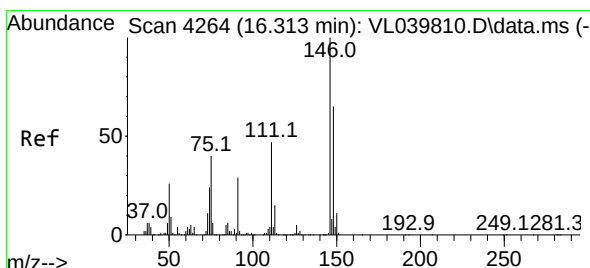
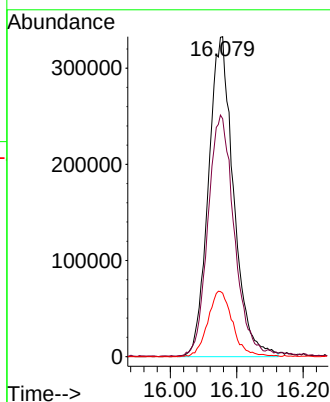
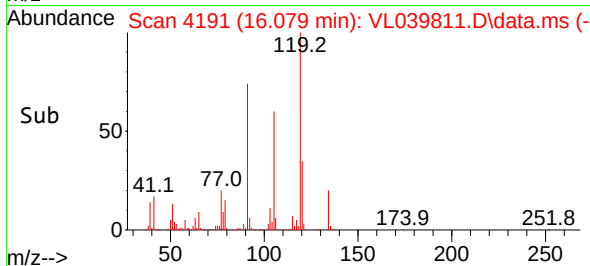
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



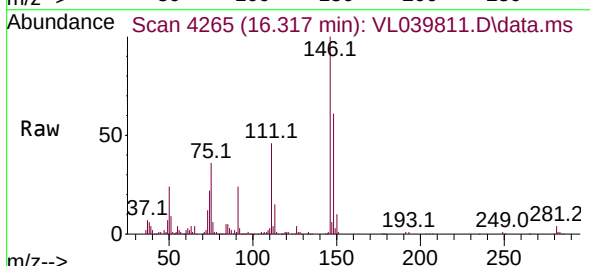
Tgt Ion:119 Resp: 877569
Ion Ratio Lower Upper
119 100
91 80.2 63.7 95.5
134 20.3 16.2 24.4

Manual Integrations
APPROVED

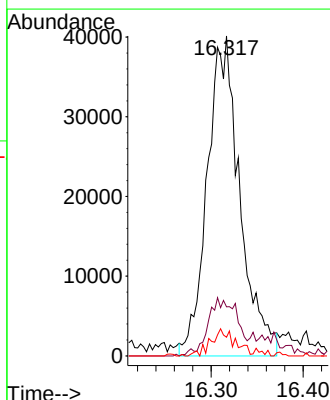
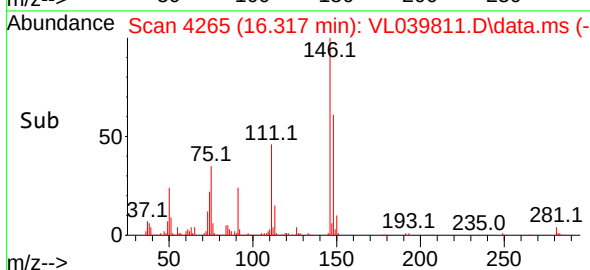
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

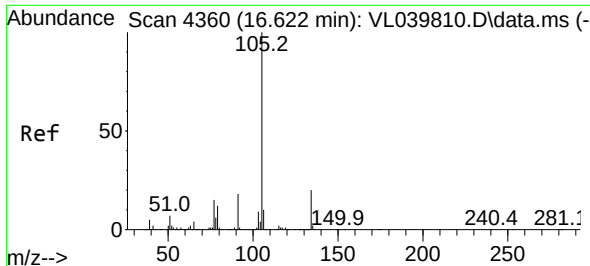


#66
Benzyl Chloride
Concen: 3.525 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion: 91 Resp: 98600
Ion Ratio Lower Upper
91 100
126 23.1 15.6 23.4
128 6.6 4.9 7.3





#67

sec-Butylbenzene

Concen: 2.136 ppbv

RT: 16.619 min Scan# 4360

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 1186214

Ion Ratio Lower Upper

105 100

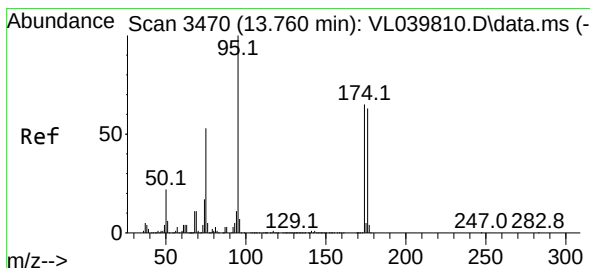
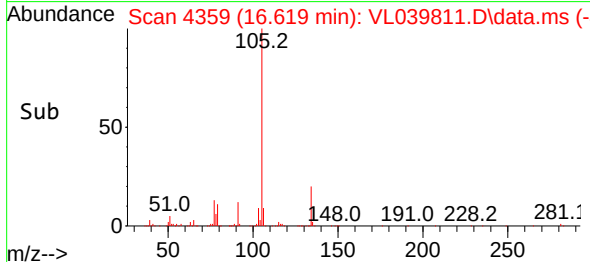
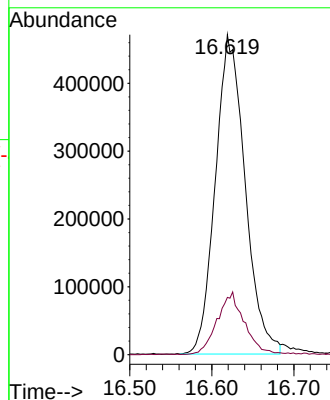
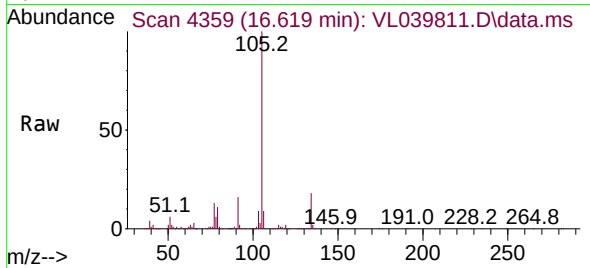
134 18.1 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.402 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

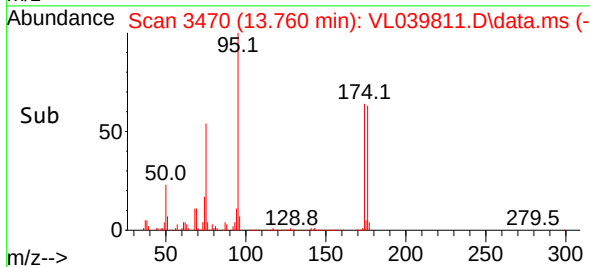
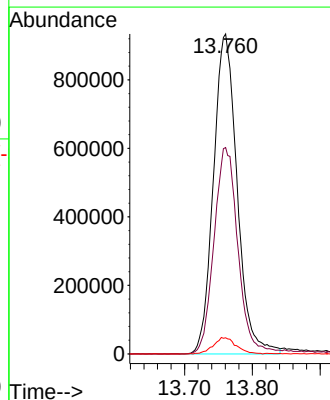
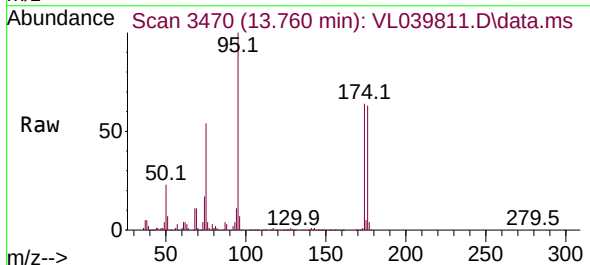
Tgt Ion: 95 Resp: 2273437

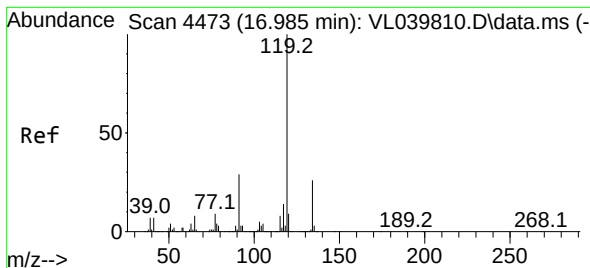
Ion Ratio Lower Upper

95 100

174 66.9 53.4 80.0

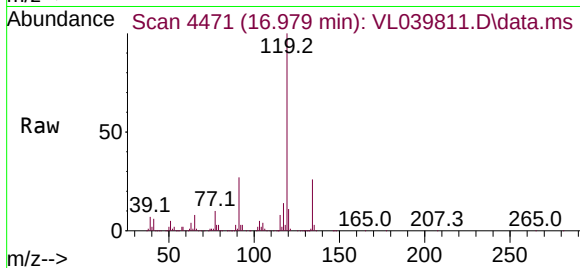
175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 2.207 ppbv
RT: 16.979 min Scan# 4473
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

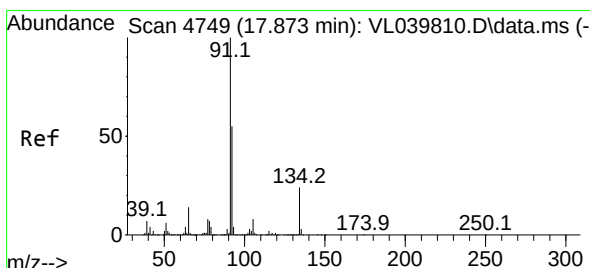
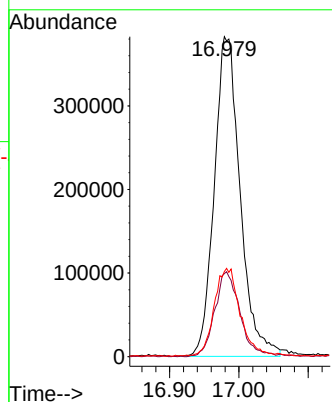
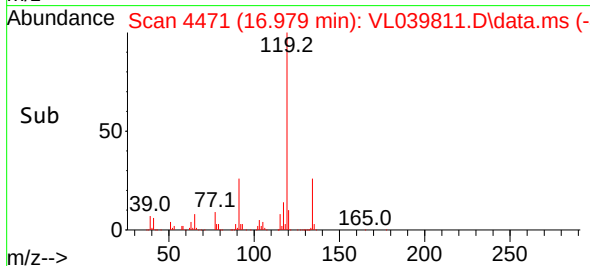
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:119 Resp: 991463
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.6
91 27.8 22.8 34.2

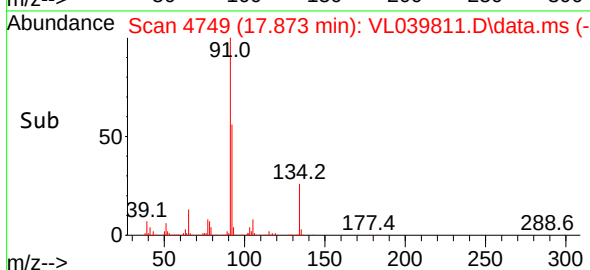
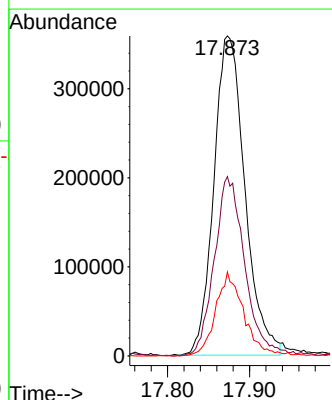
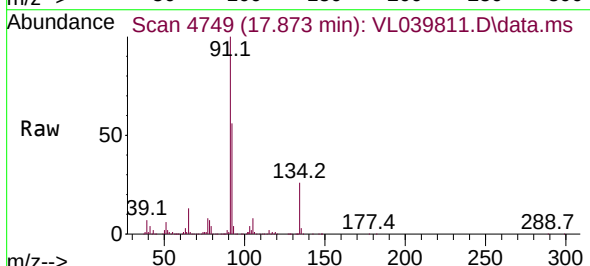
Manual Integrations
APPROVED

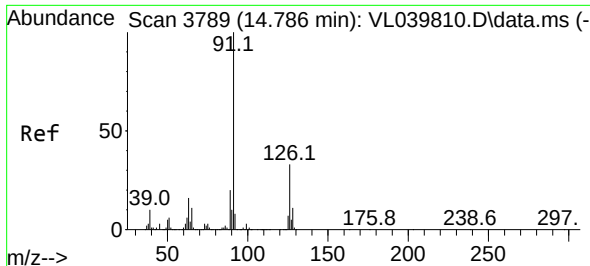
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#70
n-Butylbenzene
Concen: 2.197 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

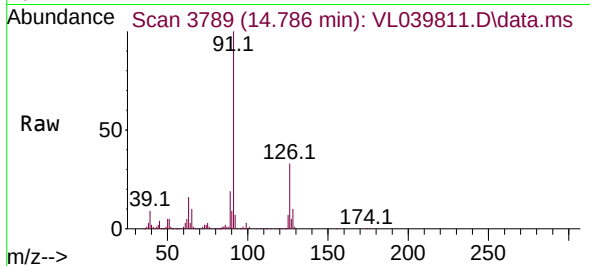
Tgt Ion: 91 Resp: 943737
Ion Ratio Lower Upper
91 100
92 55.7 44.1 66.1
134 23.9 19.0 28.6





#71
2-Chlorotoluene
Concen: 2.327 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

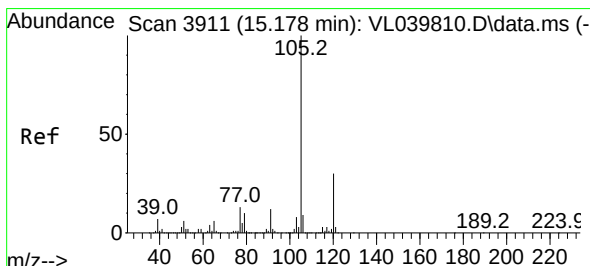
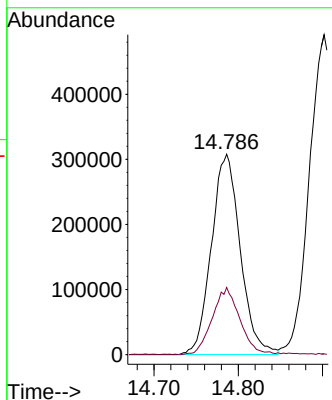
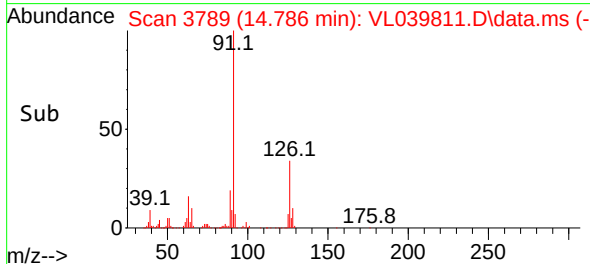
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



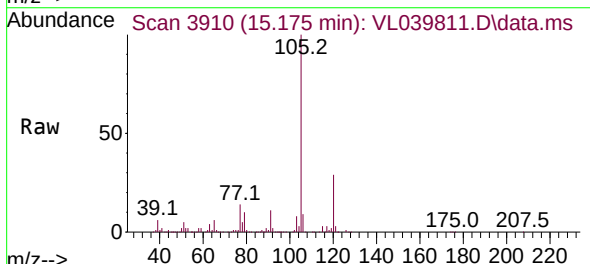
Tgt Ion: 91 Resp: 731449
Ion Ratio Lower Upper
91 100
126 32.5 12.9 51.5

Manual Integrations
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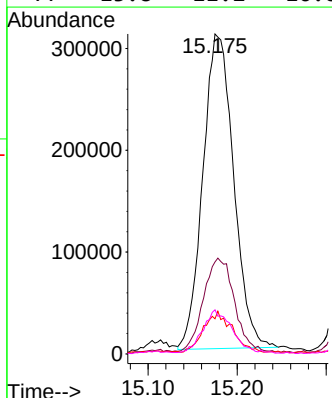
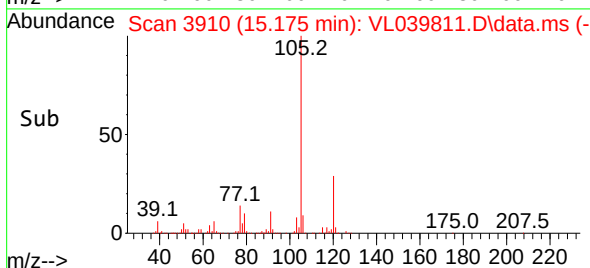
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

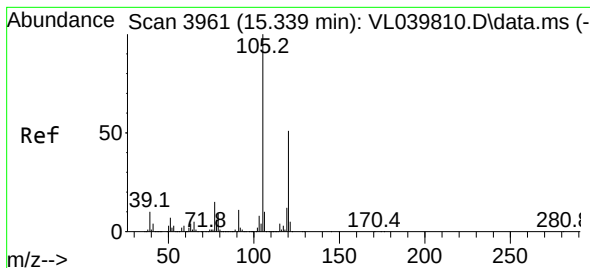


#72
4-Ethyltoluene
Concen: 2.174 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



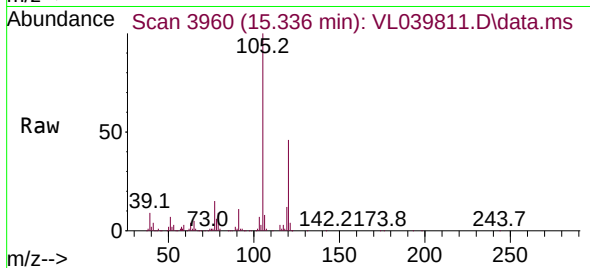
Tgt Ion:105 Resp: 741858
Ion Ratio Lower Upper
105 100
120 32.5 26.0 39.0
91 11.7 10.5 15.7
77 13.8 11.2 16.8





#73
1,3,5-Trimethylbenzene
Concen: 2.223 ppbv
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

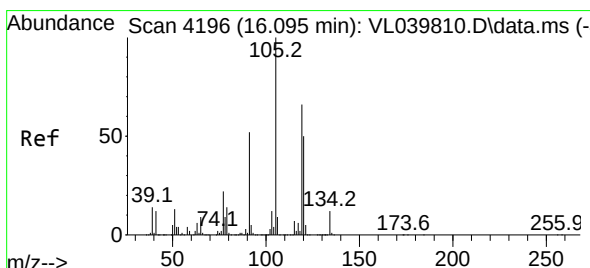
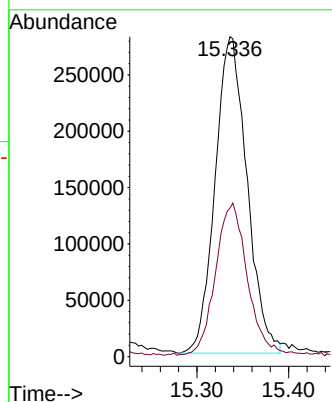
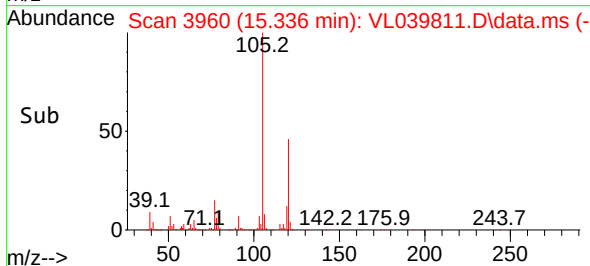
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



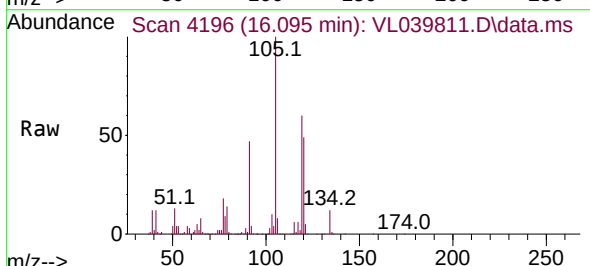
Tgt Ion:105 Resp: 678725
Ion Ratio Lower Upper
105 100
120 46.2 41.0 61.4

Manual Integrations
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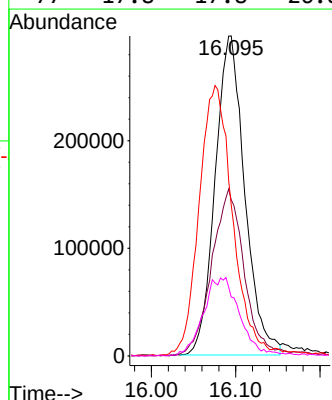
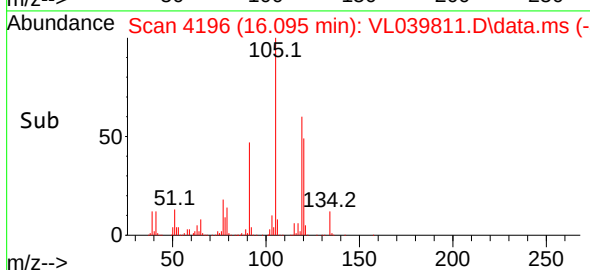
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

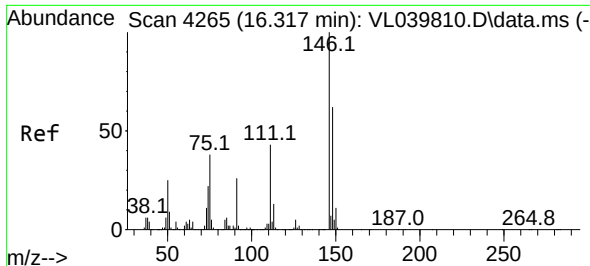


#74
1,2,4-Trimethylbenzene
Concen: 2.096 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion:105 Resp: 724667
Ion Ratio Lower Upper
105 100
120 48.3 40.2 60.4
91 45.4 42.6 64.0
77 17.8 17.8 26.8#





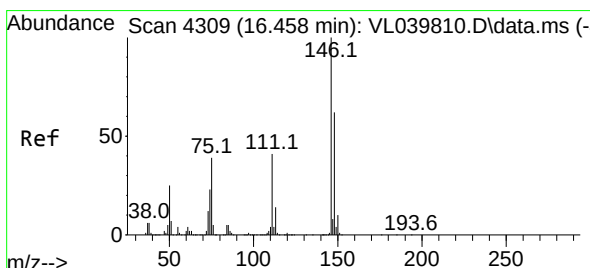
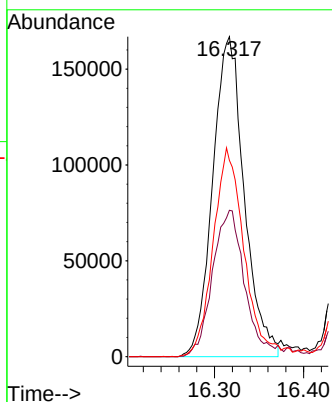
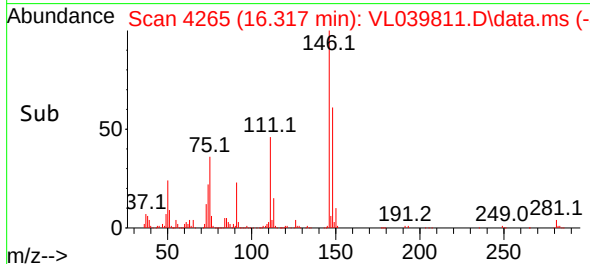
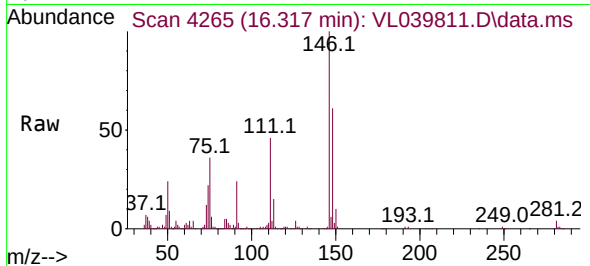
#75
1,3-Dichlorobenzene
Concen: 1.953 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 40995
Ion Ratio Lower Upper
146 100
111 48.0 22.9 68.8
148 64.8 32.3 96.9

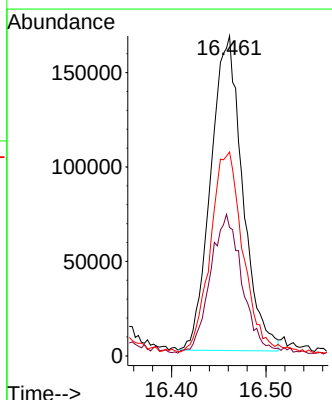
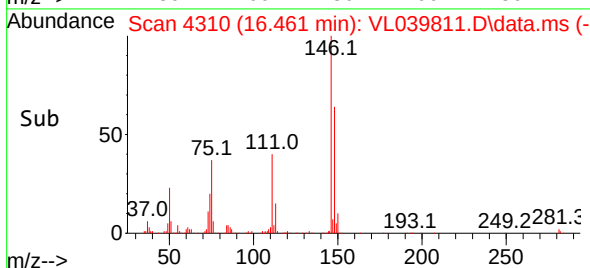
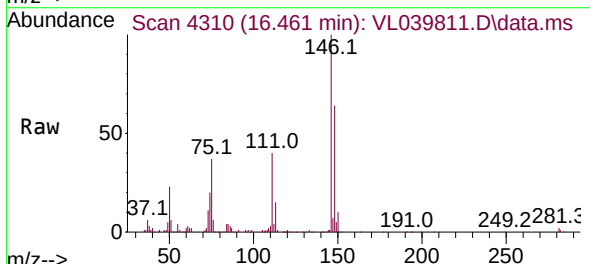
Manual Integrations
APPROVED

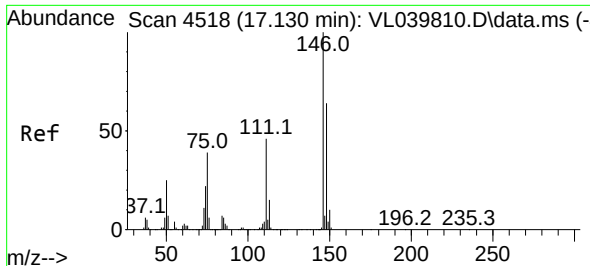
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#76
1,4-Dichlorobenzene
Concen: 1.955 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

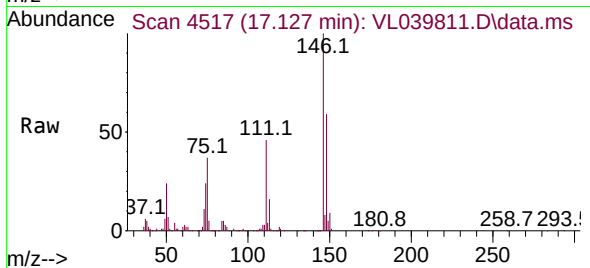
Tgt Ion:146 Resp: 391281
Ion Ratio Lower Upper
146 100
111 48.0 22.7 68.1
148 67.4 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 1.979 ppbv
RT: 17.127 min Scan# 4518
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

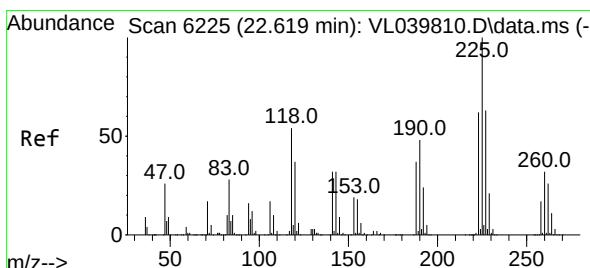
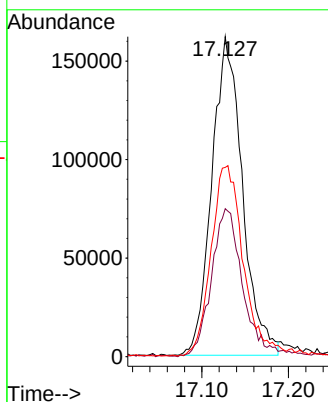
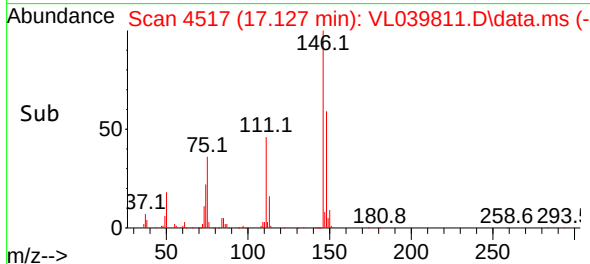
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



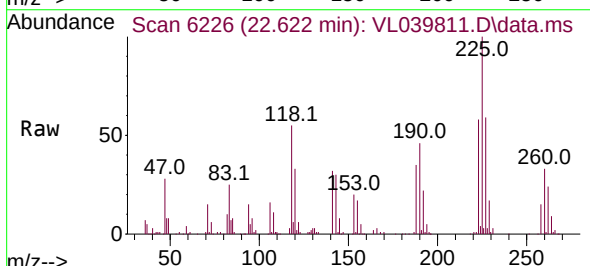
Tgt Ion:146 Resp: 396048
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 64.2 32.4 97.2

Manual Integrations
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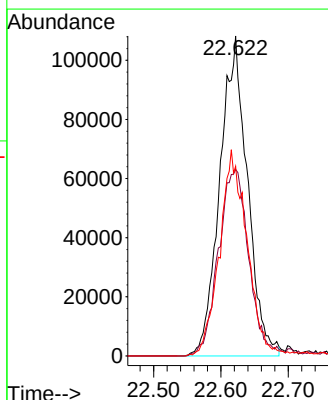
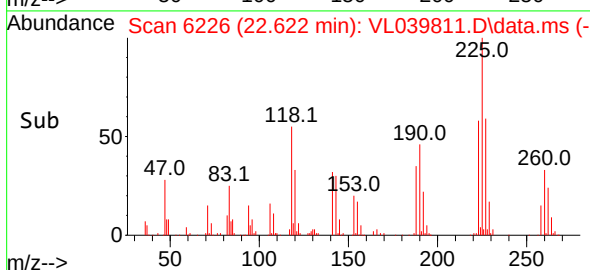
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

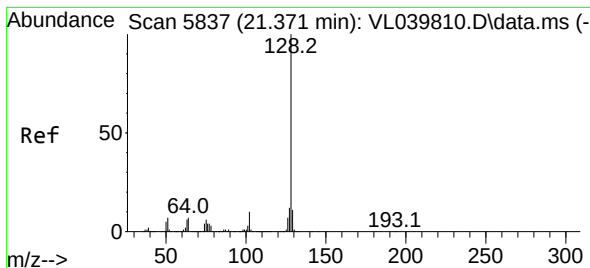


#78
Hexachloro-1,3-Butadiene
Concen: 2.020 ppbv m
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24



Tgt Ion:225 Resp: 308049
Ion Ratio Lower Upper
225 100
223 64.1 50.6 75.8
227 0.0 51.6 77.4#





#79

Naphthalene

Concen: 2.717 ppbv m

RT: 21.368 min Scan# 5837

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

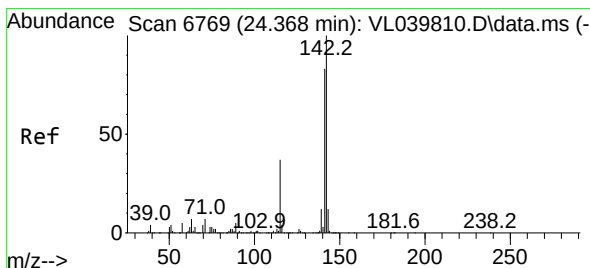
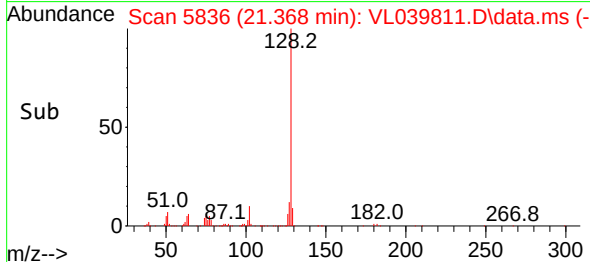
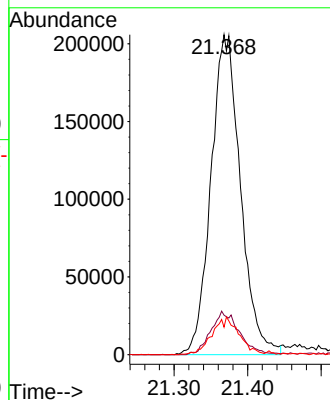
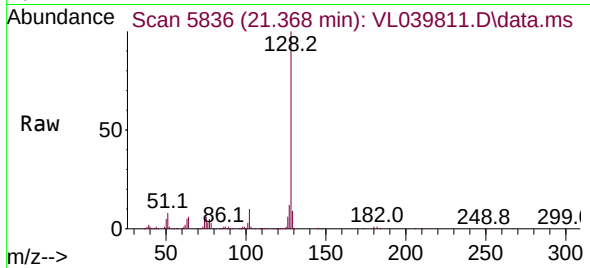
Tgt Ion:128 Resp: 574536

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	8.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80

Naphthalene,2-methyl-

Concen: 3.399 ppbv

RT: 24.368 min Scan# 6769

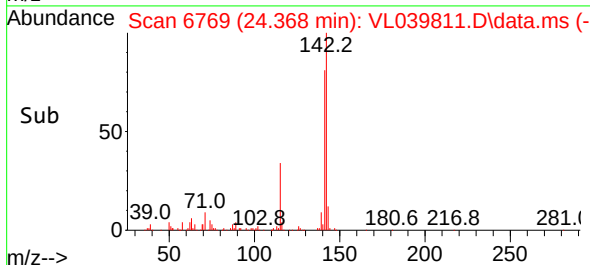
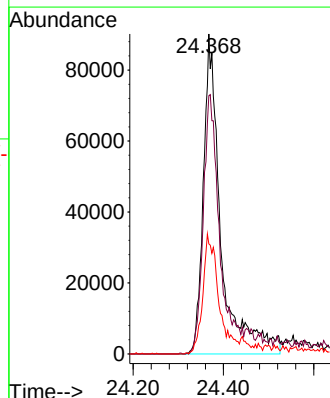
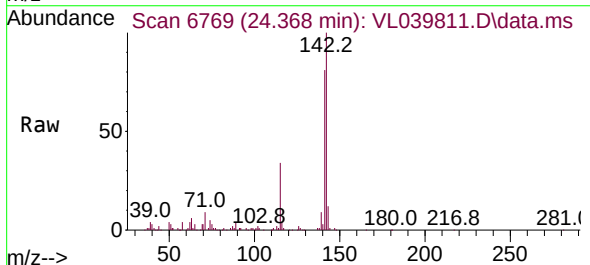
Delta R.T. 0.000 min

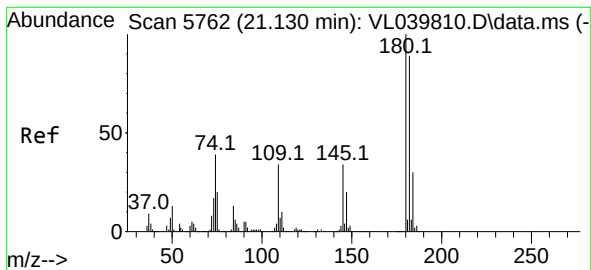
Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Tgt Ion:142 Resp: 244065

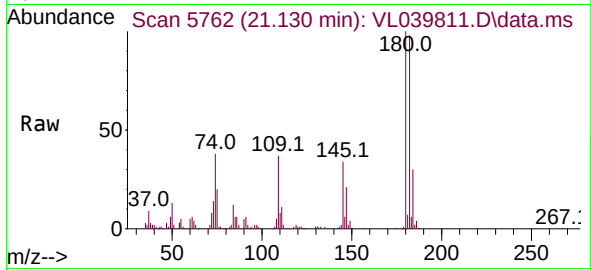
Ion	Ratio	Lower	Upper
142	100		
141	81.6	65.1	97.7
115	36.3	29.1	43.7





#81
1,2,4-Trichlorobenzene
Concen: 2.130 ppbv m
RT: 21.130 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:180 Resp: 297723
Ion Ratio Lower Upper
180 100
182 98.2 78.1 117.1
184 31.4 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

