

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039920.D
 Acq On : 22 Nov 2022 16:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 23 04:48:12 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1123526	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	3063568	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	3060814	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2259053	9.663	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	1342887	8.346	ppbv	99
3) Chlorodifluoromethane	2.652	51	1402343	9.045	ppbv	96
4) Chloromethane	2.790	50	892389	9.007	ppbv	98
5) Vinyl Chloride	2.896	62	765753	9.891	ppbv	99
6) Bromomethane	3.095	94	261840	9.916	ppbv	96
7) Chloroethane	3.173	64	286181	9.352	ppbv	97
8) Dichlorotetrafluoroethane	2.832	85	1759854	9.578	ppbv	99
9) Propene	2.671	41	638007	8.736	ppbv	99
10) Heptane	7.561	43	1600398	9.082	ppbv	100
11) Trichlorofluoromethane	3.539	101	1935919	9.864	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1439268	9.689	ppbv	95
13) Ethanol	3.218	45	40829	7.323	ppbv	85
14) Bromoethene	3.343	108	584522	10.090	ppbv	99
15) Acetone	3.443	43	1352790	9.078	ppbv	98
16) 1,3-Butadiene	2.960	39	701813	9.449	ppbv	99
17) tert-Butyl alcohol	3.854	59	1539351	8.984	ppbv	100
18) 1,1-Dichloroethene	3.857	96	635118	9.373	ppbv	99
19) Isopropyl Alcohol	3.552	45	773734	9.589	ppbv #	32
20) Methylene Chloride	3.909	84	546900	7.575	ppbv	98
21) Allyl Chloride	3.973	41	943948	9.132	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	655496	9.513	ppbv	93
23) Vinyl Acetate	4.603	43	568520	9.286	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1366324	9.256	ppbv	100
25) Ethyl Acetate	5.182	43	2865693	10.474	ppbv	100
26) Hexane	5.192	57	1232607	10.313	ppbv	99
27) Carbon Disulfide	4.102	76	1575641	10.442	ppbv	97
28) Methyl tert-Butyl Ether	4.562	73	1307098	8.734	ppbv	100
29) Chloroform	5.253	83	2015373	12.688	ppbv	97
30) Cyclohexane	6.581	84	1076738	9.180	ppbv	96
31) cis-1,2-Dichloroethene	5.057	61	1053166	9.537	ppbv	95
32) 1,1,1-Trichloroethane	5.983	97	2063219	10.401	ppbv	99
34) 2-Butanone	4.764	43	1531144	10.445	ppbv	98
35) Carbon Tetrachloride	6.475	117	2140903	12.305	ppbv	97
36) Benzene	6.352	78	2691379	10.335	ppbv	97
37) 1,2-Dichloroethane	5.787	62	1570958	11.009	ppbv	99
38) Trichloroethene	7.275	130	1534764	10.543	ppbv	98
39) 1,2-Dichloropropane	7.053	63	1021119	10.065	ppbv	95
40) 1,4-Dioxane	7.266	88	453420	11.219	ppbv	78
41) Tetrahydrofuran	5.539	42	1040223	10.279	ppbv	98
42) Bromodichloromethane	7.230	83	2251348	11.633	ppbv	98
43) Methyl Methacrylate	7.455	69	1087191	10.649	ppbv	100
44) 2,2,4-Trimethylpentane	7.307	57	4317164	9.931	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1099383	11.655	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

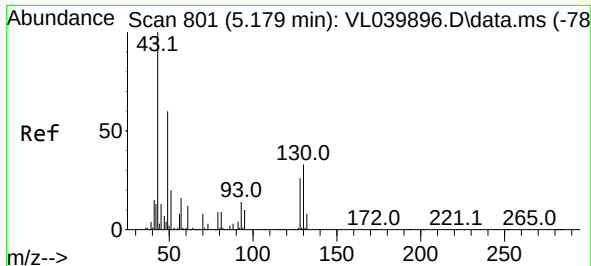
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

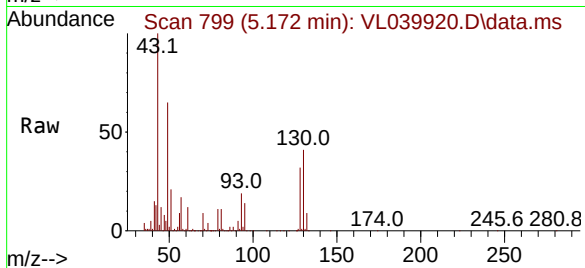
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1445848	11.065	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	1104633	10.594	ppbv	98
48) Dibromochloromethane	9.696	129	1894201	12.403	ppbv	100
49) Bromoform	12.394	173	1527323	12.355	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2704387	10.301	ppbv	100
51) 2-Hexanone	9.536	43	2150470	10.551	ppbv #	99
52) Tetrachloroethene	10.603	164	948945	9.741	ppbv	95
53) Toluene	9.208	91	3101354	10.455	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1306364	11.740	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	1336755	10.684	ppbv	97
57) Chlorobenzene	11.513	112	2373767	10.143	ppbv	99
58) Ethyl Benzene	12.076	91	4185057	10.078	ppbv	99
59) m/p-Xylene	12.359	91	7018177m	20.194	ppbv	
60) o-Xylene	13.044	91	3374153	10.180	ppbv	98
61) Styrene	12.886	104	2060129	10.413	ppbv	99
62) Isopropylbenzene	14.018	105	4776293	9.993	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1151510	10.405	ppbv	100
64) n-propylbenzene	14.908	120	1256096	10.046	ppbv	92
65) tert-Butylbenzene	16.079	119	4177658	9.992	ppbv	99
66) Benzyl Chloride	16.320	91	354708	9.899	ppbv	99
67) sec-Butylbenzene	16.625	105	5788335	10.069	ppbv	99
69) p-Isopropyltoluene	16.985	119	4764956	10.062	ppbv	99
70) n-Butylbenzene	17.876	91	4825524	10.278	ppbv	99
71) 2-Chlorotoluene	14.789	91	3663937	10.114	ppbv	99
72) 4-Ethyltoluene	15.182	105	3901324	10.472	ppbv	99
73) 1,3,5-Trimethylbenzene	15.342	105	3469170	10.172	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3666434	10.154	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	2090257	10.289	ppbv	98
76) 1,4-Dichlorobenzene	16.461	146	2033302	10.096	ppbv	97
77) 1,2-Dichlorobenzene	17.130	146	1964790	10.032	ppbv	98
78) Hexachloro-1,3-Butadiene	22.625	225	1201770	8.843	ppbv	99
79) Naphthalene	21.368	128	2435072m	11.268	ppbv	
80) Naphthalene,2-methyl-	24.365	142	687379	11.310	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1290380	9.670	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

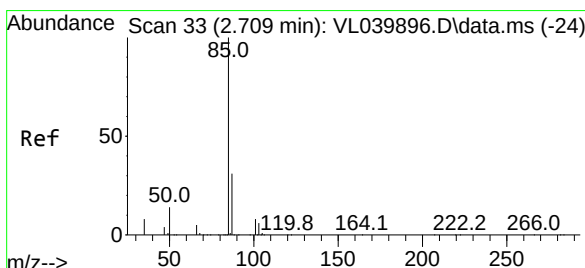
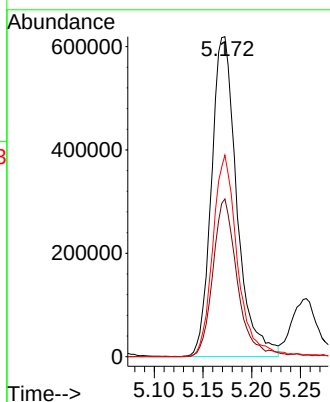
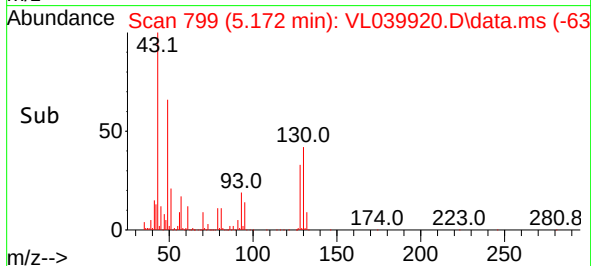
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



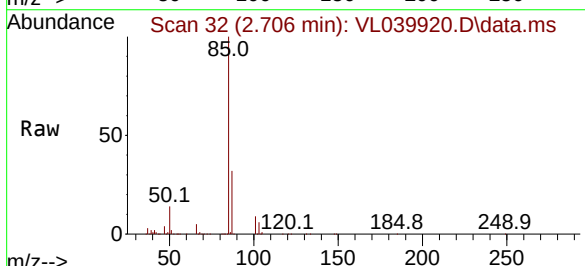
Tgt Ion: 49 Resp: 1123520
Ion Ratio Lower Upper
49 100
128 48.3 22.1 66.3
130 62.1 27.7 83.1

Manual Integrations
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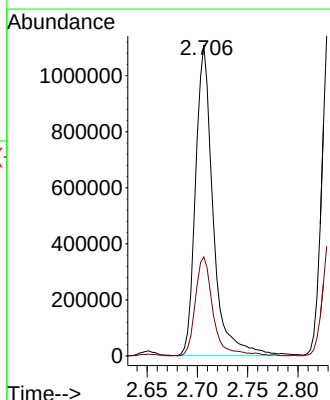
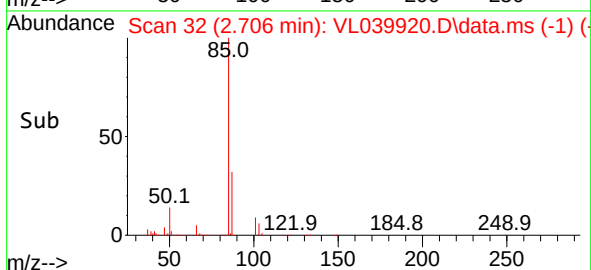
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

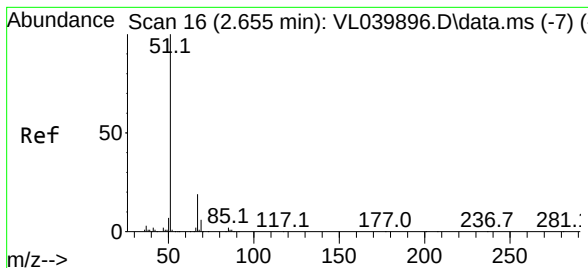


#2
Dichlorodifluoromethane
Concen: 8.346 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 85 Resp: 1342887
Ion Ratio Lower Upper
85 100
87 31.8 25.0 37.4





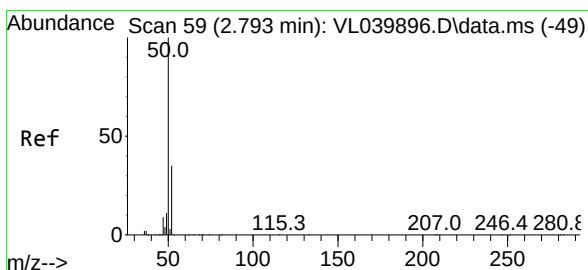
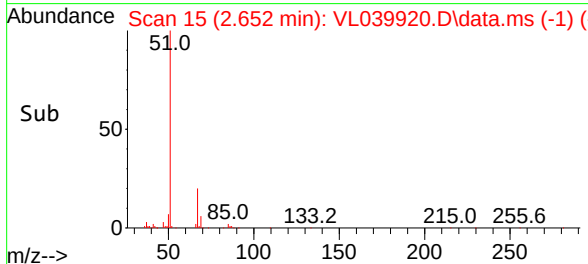
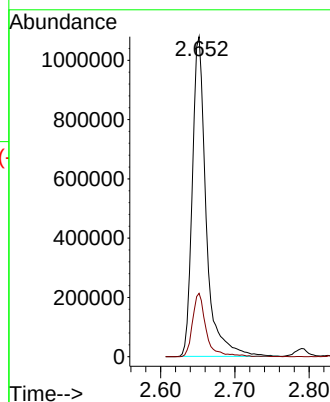
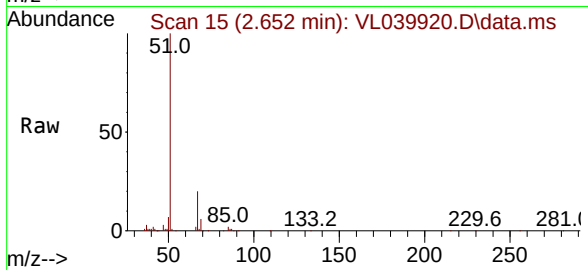
#3
Chlorodifluoromethane
Concen: 9.045 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 140234
Ion Ratio Lower Upper
51 100
67 19.6 14.2 21.4

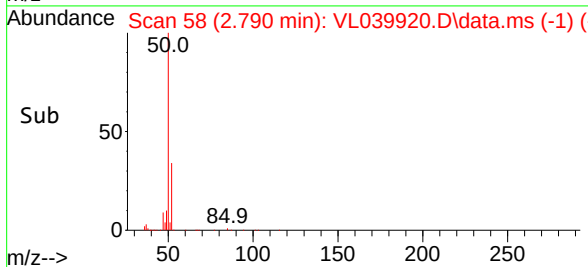
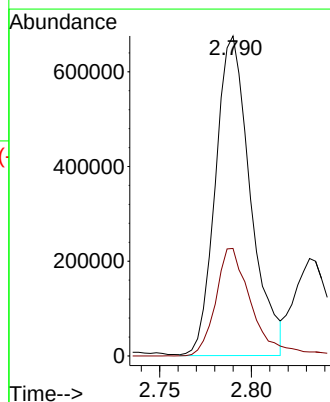
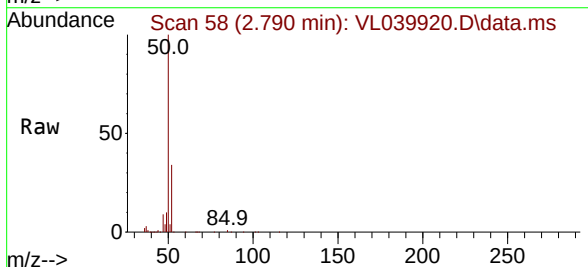
Manual Integrations
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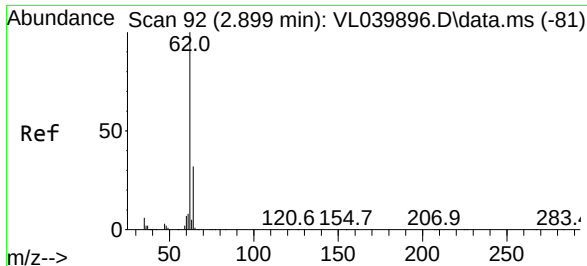
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#4
Chloromethane
Concen: 9.007 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 50 Resp: 892389
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8





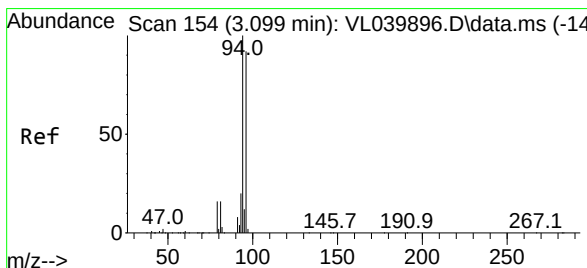
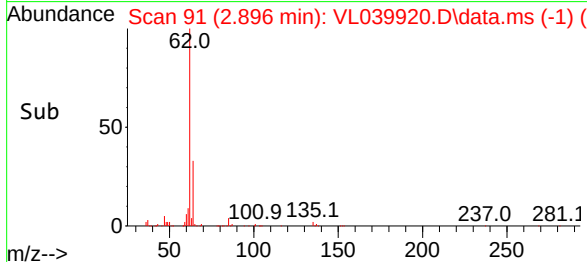
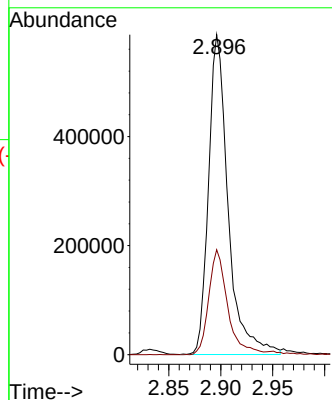
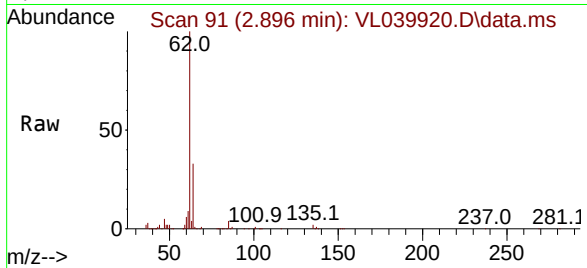
#5
 Vinyl Chloride
 Concen: 9.891 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 76575
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.7 38.5

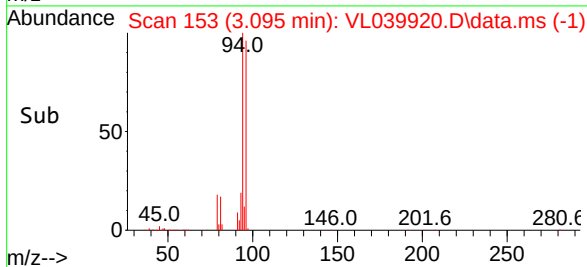
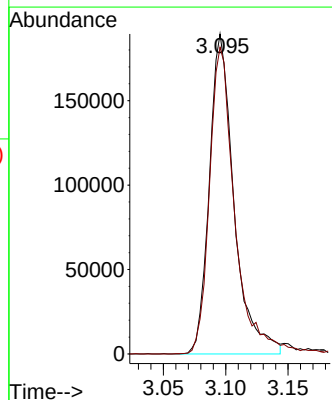
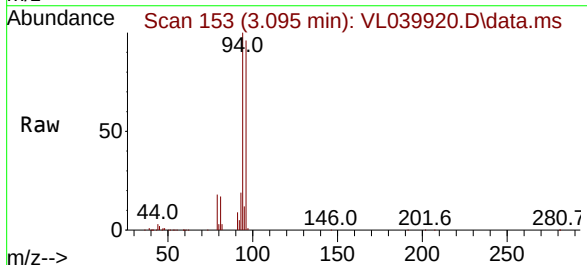
Manual Integrations
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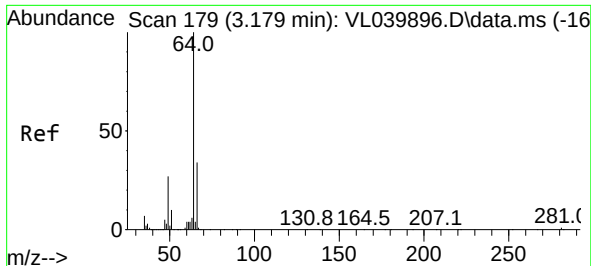
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#6
 Bromomethane
 Concen: 9.916 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.010 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

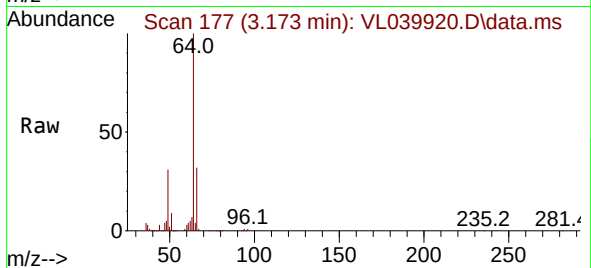
Tgt Ion: 94 Resp: 261840
 Ion Ratio Lower Upper
 94 100
 96 95.7 73.7 110.5





#7
Chloroethane
Concen: 9.352 ppbv
RT: 3.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

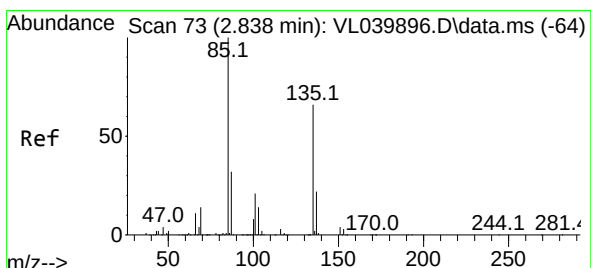
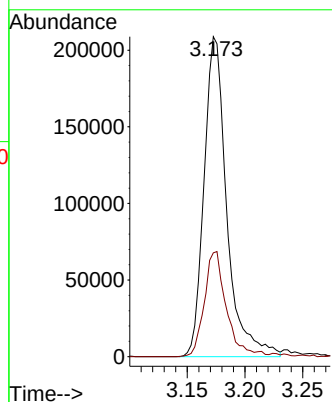
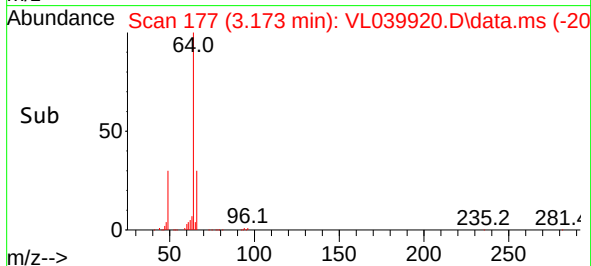
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 28618
Ion Ratio Lower Upper
64 100
66 32.5 27.3 40.9

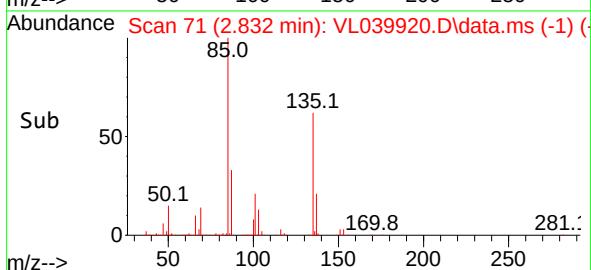
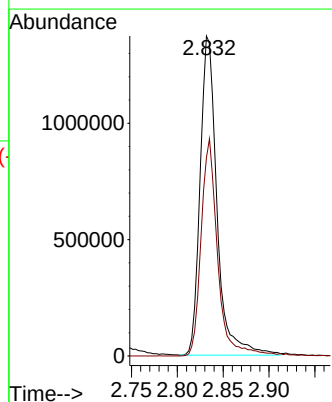
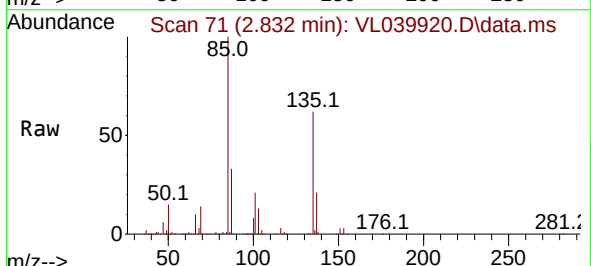
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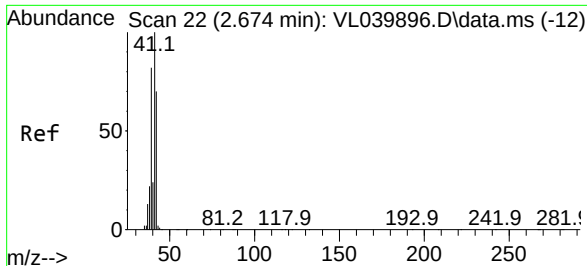
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#8
Dichlorotetrafluoroethane
Concen: 9.578 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

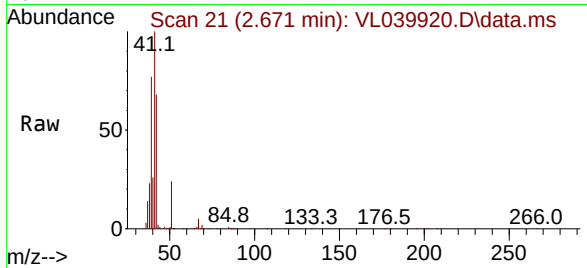
Tgt Ion: 85 Resp: 1759854
Ion Ratio Lower Upper
85 100
135 67.2 54.1 81.1





#9
 Propene
 Concen: 8.736 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

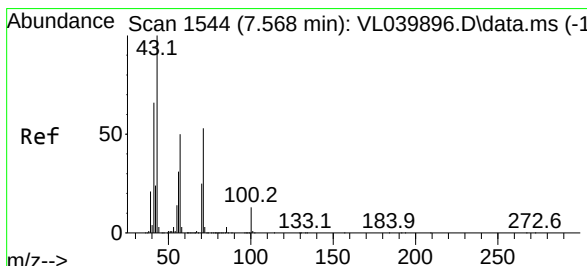
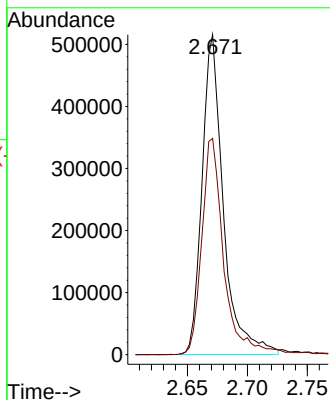
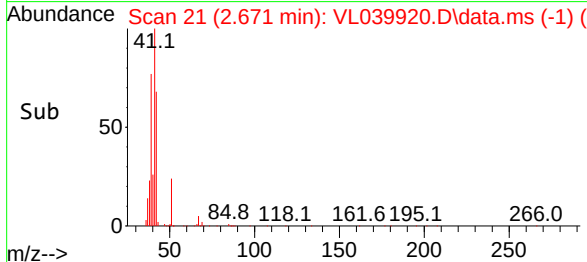
Instrument :
 MSVOA_L
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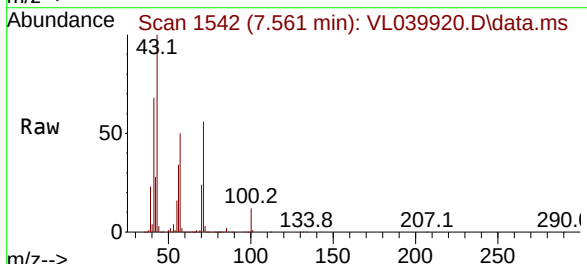
Tgt Ion: 41 Resp: 63800
 Ion Ratio Lower Upper
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 42 70.6 55.8 83.6

Manual Integrations
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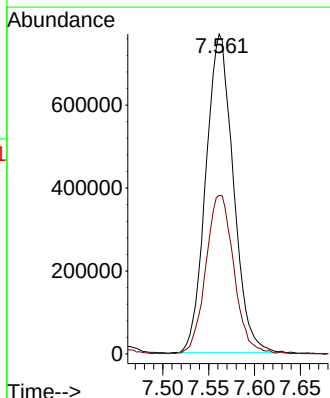
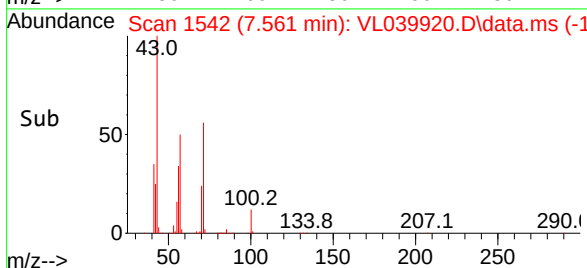
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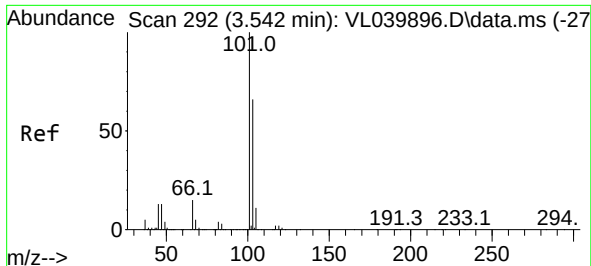


#10
 Heptane
 Concen: 9.082 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. 0.016 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20



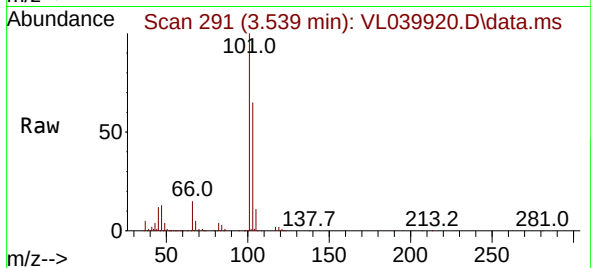
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 Ion Ratio Lower Upper
 43 100
 57 51.0 40.7 61.1





#11
Trichlorofluoromethane
Concen: 9.864 ppbv
RT: 3.539 min Scan# 292
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

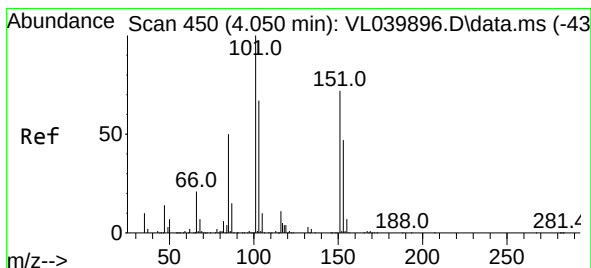
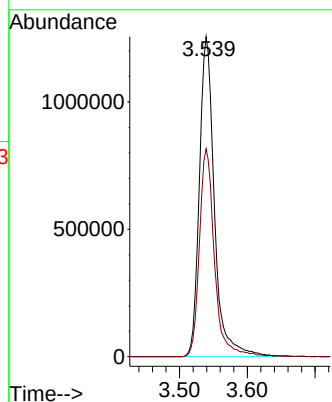
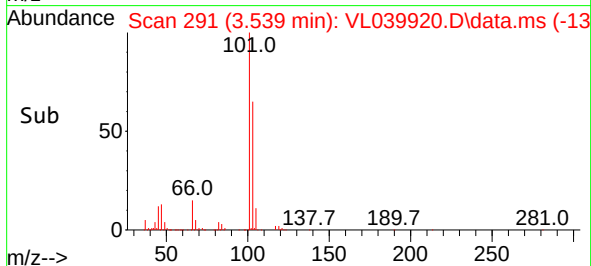
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



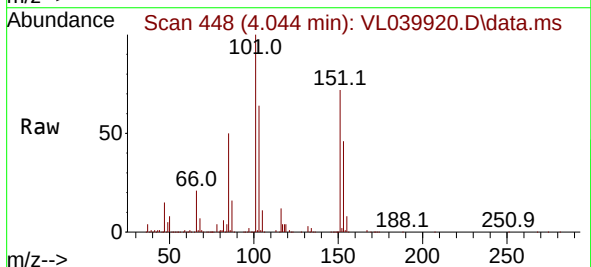
Tgt Ion:101 Resp: 1935919
Ion Ratio Lower Upper
101 100
103 64.9 52.6 78.8

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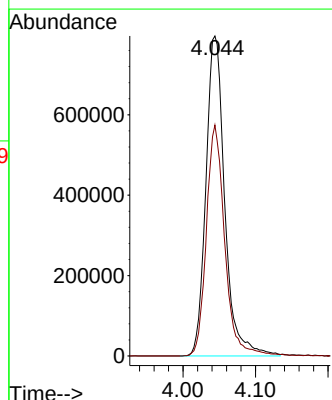
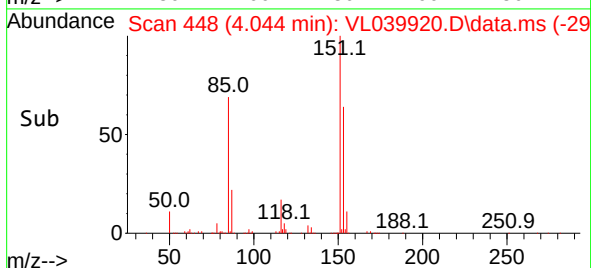
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

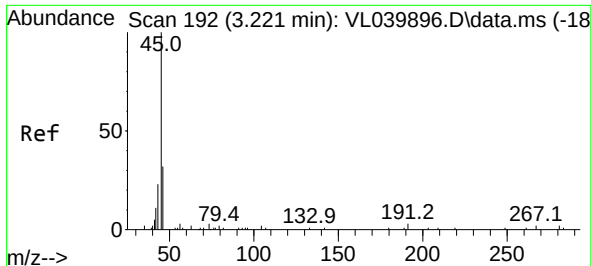


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.689 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion:101 Resp: 1439268
Ion Ratio Lower Upper
101 100
151 70.5 59.6 89.4





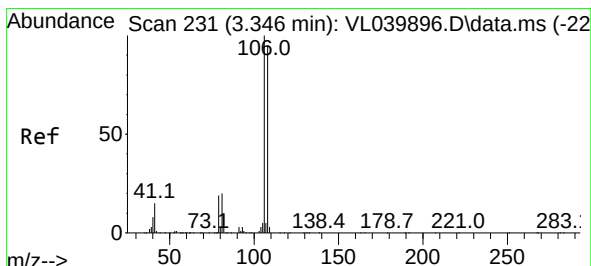
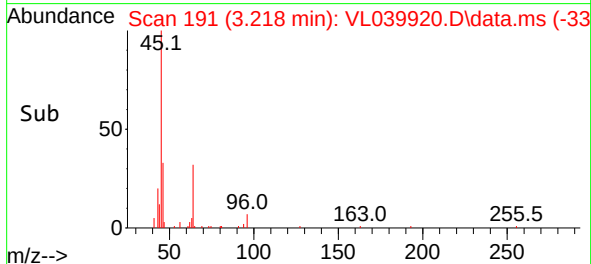
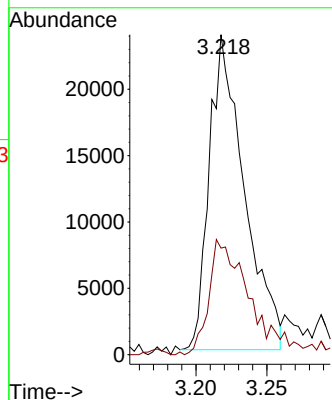
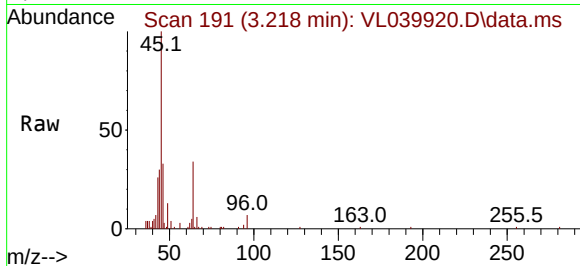
#13
Ethanol
Concen: 7.323 ppbv
RT: 3.218 min Scan# 192
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 40829
Ion Ratio Lower Upper
45 100
46 45.4 14.6 58.2

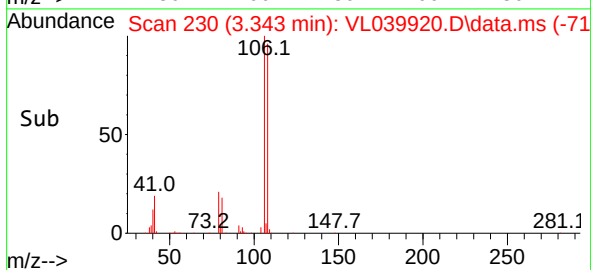
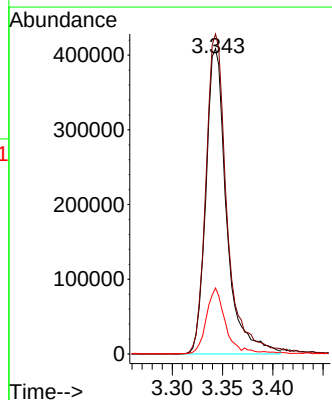
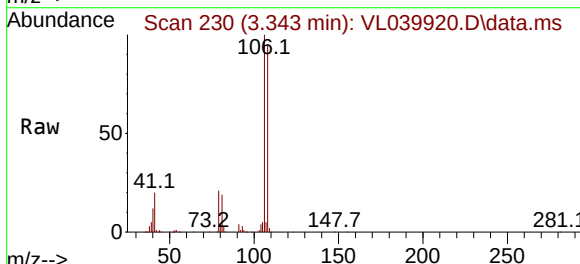
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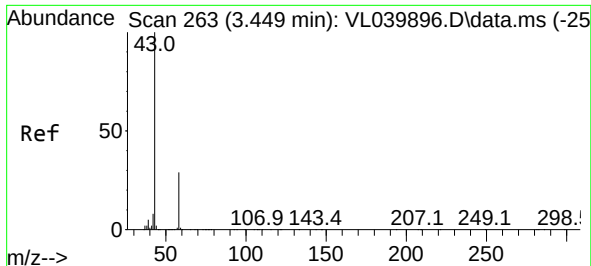
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#14
Bromoethene
Concen: 10.090 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion:108 Resp: 584522
Ion Ratio Lower Upper
108 100
106 107.9 87.3 130.9
79 20.9 15.9 23.9





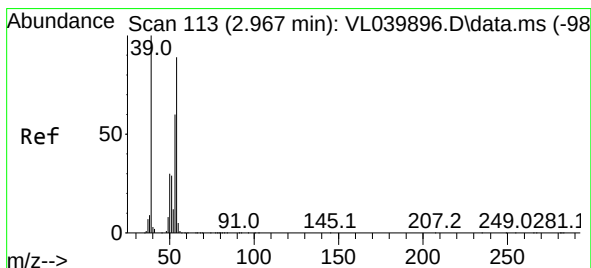
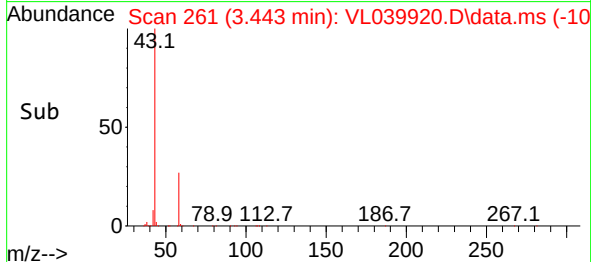
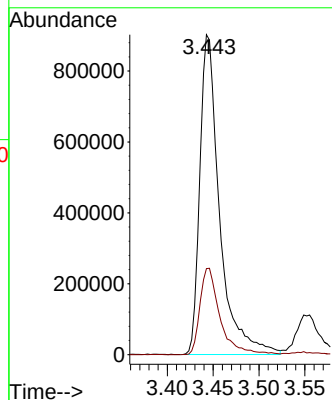
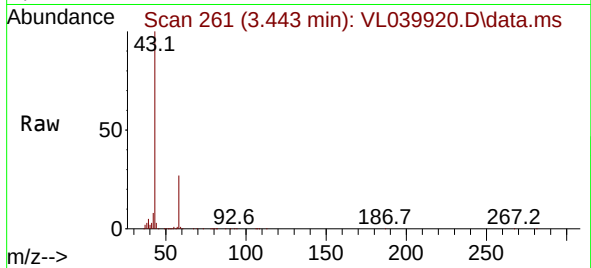
#15
Acetone
Concen: 9.078 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1352790
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3

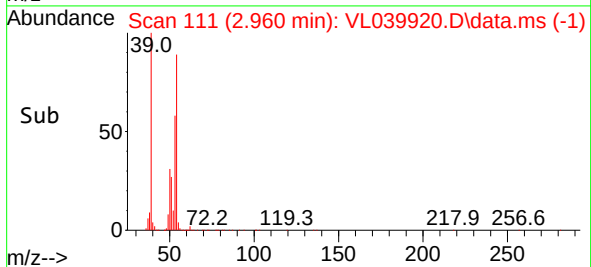
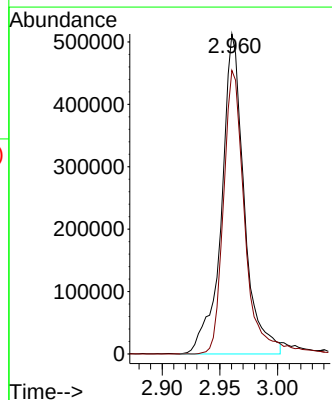
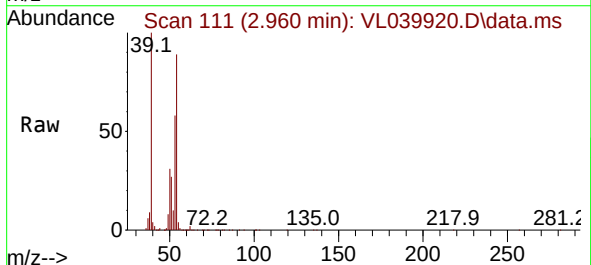
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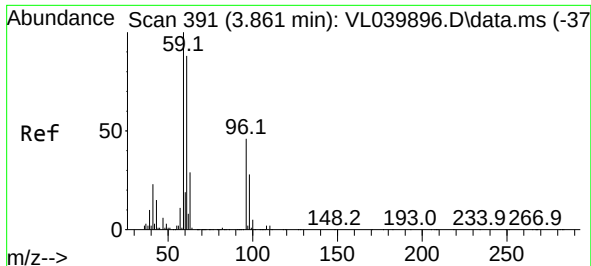
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#16
1,3-Butadiene
Concen: 9.449 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 39 Resp: 701813
Ion Ratio Lower Upper
39 100
54 84.5 66.6 99.8





#17

tert-Butyl alcohol

Concen: 8.984 ppbv

RT: 3.854 min Scan# 391

Delta R.T. 0.010 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 153935

Ion Ratio Lower Upper

59 100

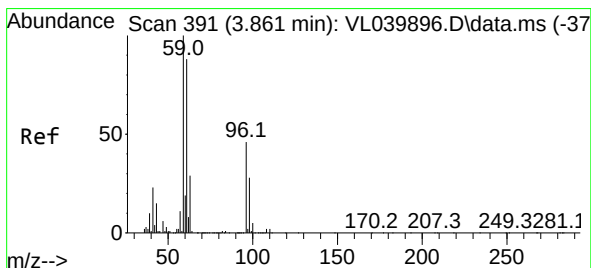
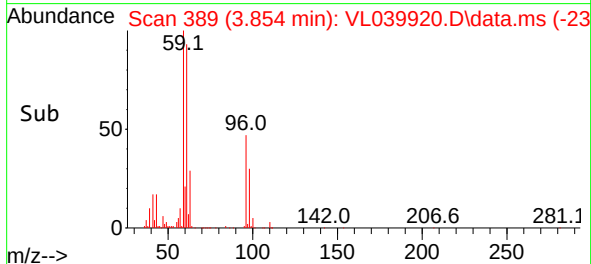
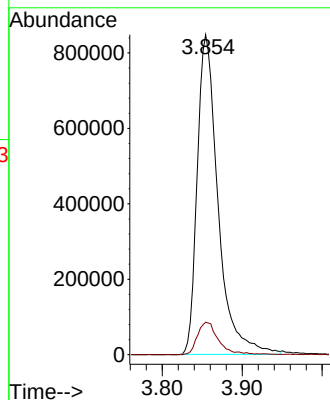
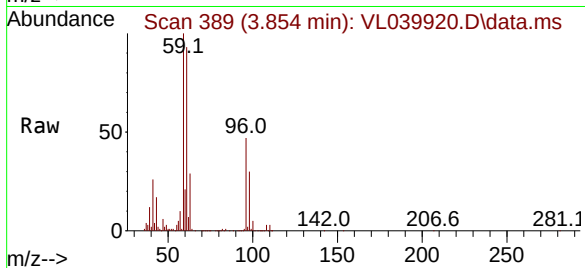
57 10.5 8.3 12.5

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#18

1,1-Dichloroethene

Concen: 9.373 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.013 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

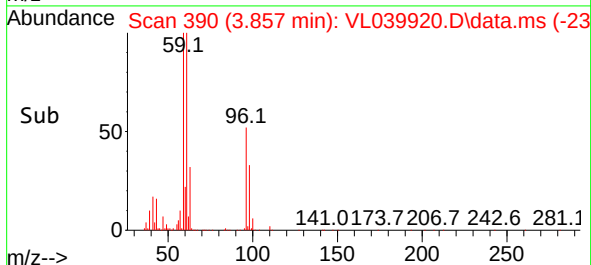
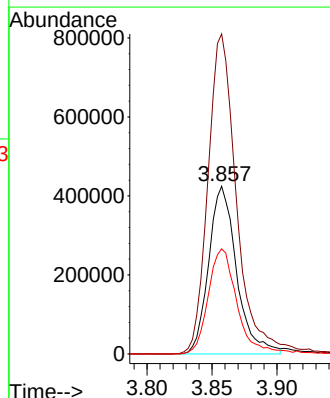
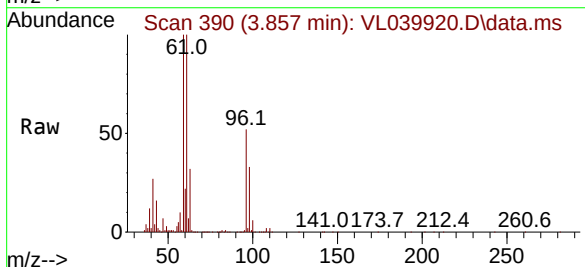
Tgt Ion: 96 Resp: 635118

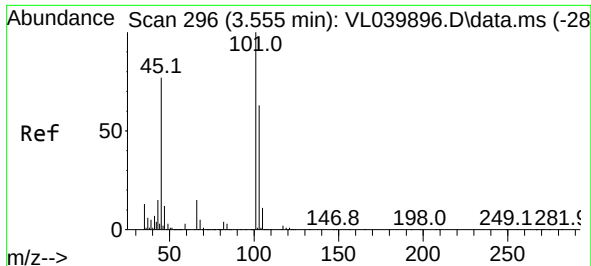
Ion Ratio Lower Upper

96 100

61 190.3 153.4 230.2

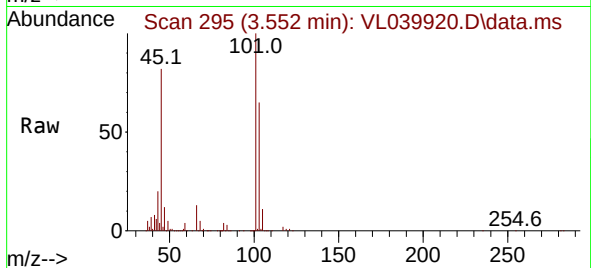
98 62.6 48.9 73.3





#19
Isopropyl Alcohol
Concen: 9.589 ppbv
RT: 3.552 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

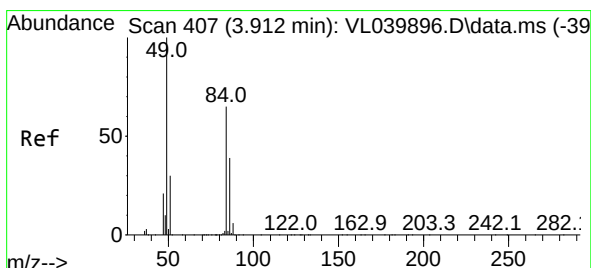
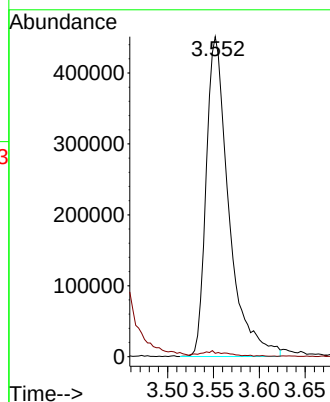
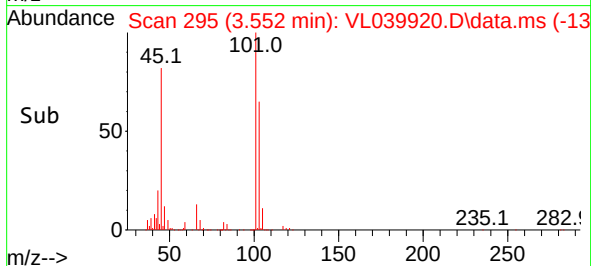
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



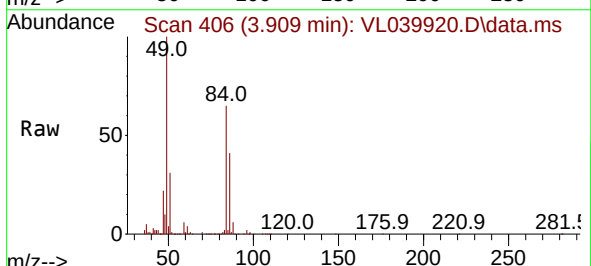
Tgt Ion: 45 Resp: 773734
Ion Ratio Lower Upper
45 100
58 2.3 38.7 58.1

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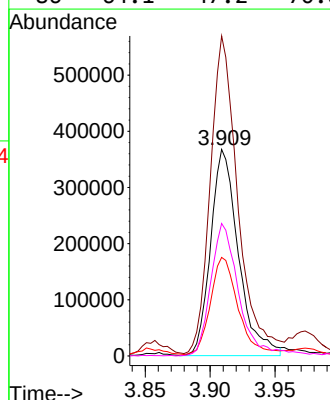
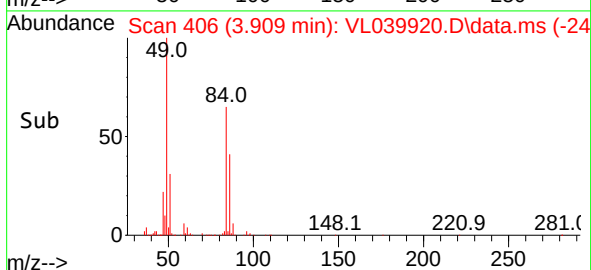
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

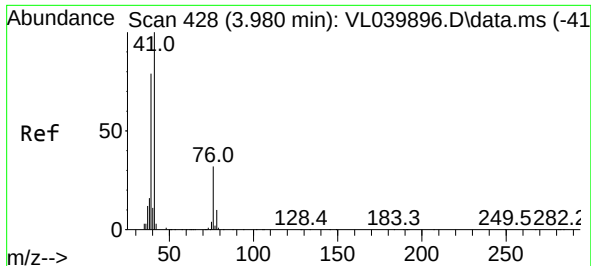


#20
Methylene Chloride
Concen: 7.575 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 84 Resp: 546900
Ion Ratio Lower Upper
84 100
49 153.7 122.2 183.4
51 46.9 36.3 54.5
86 64.1 47.2 70.8





#21

Allyl Chloride

Concen: 9.132 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

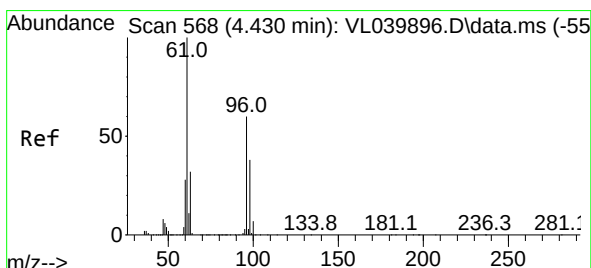
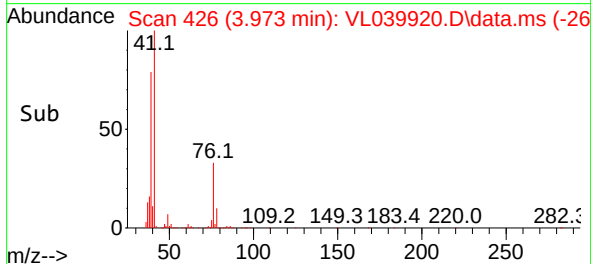
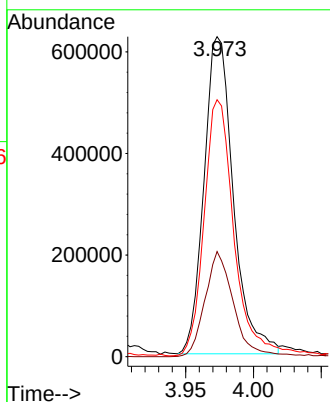
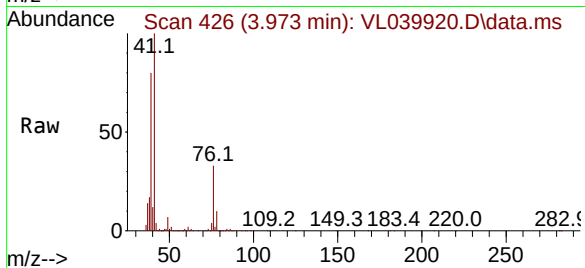
VSTDCCC010

Tgt Ion:	41	Resp:	943948
Ion Ratio	Lower	Upper	
41	100		
76	32.3	25.6	38.4
39	82.8	65.2	97.8

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Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#22

trans-1,2-Dichloroethene

Concen: 9.513 ppbv

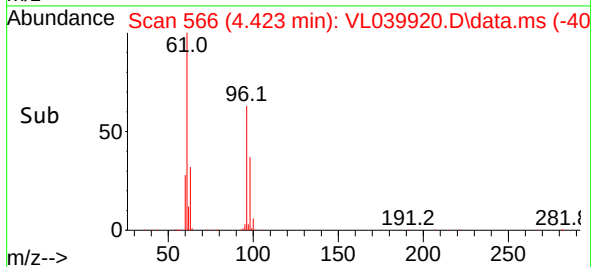
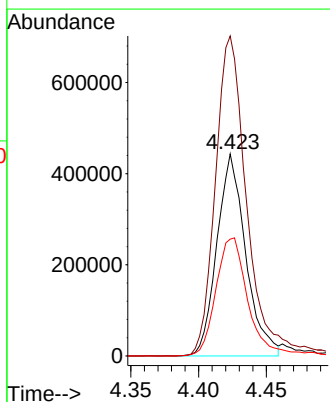
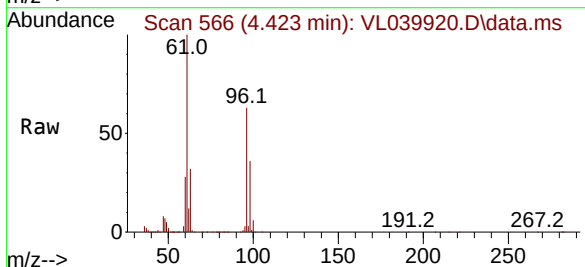
RT: 4.423 min Scan# 566

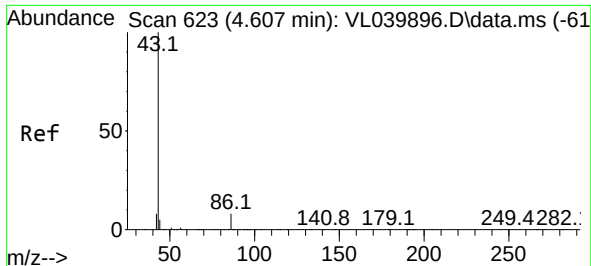
Delta R.T. 0.013 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Tgt Ion:	96	Resp:	655496
Ion Ratio	Lower	Upper	
96	100		
61	158.3	134.1	201.1
98	57.7	50.4	75.6





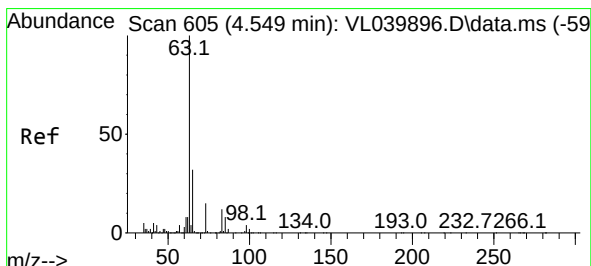
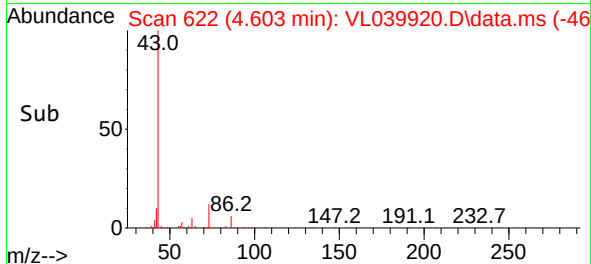
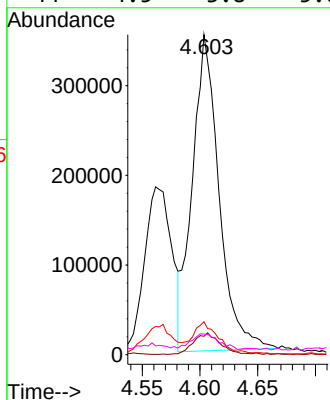
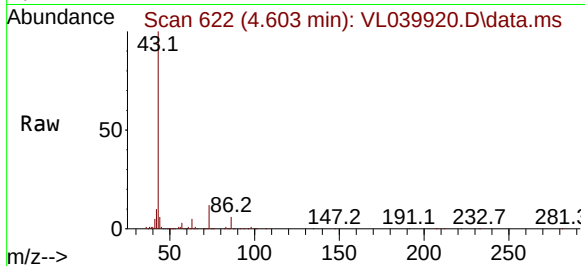
#23
 Vinyl Acetate
 Concen: 9.286 ppbv
 RT: 4.603 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 568520
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.0 7.4
 42 10.1 7.6 11.4
 44 4.5 3.8 5.6

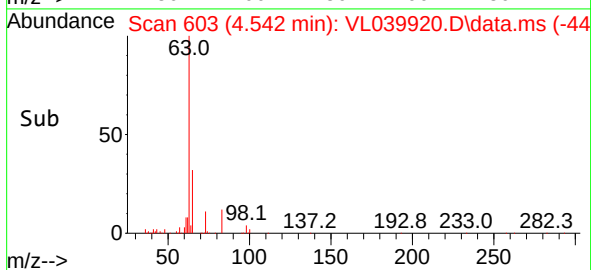
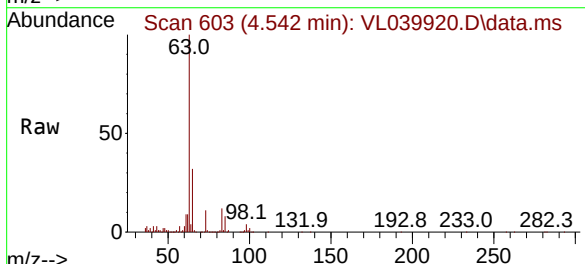
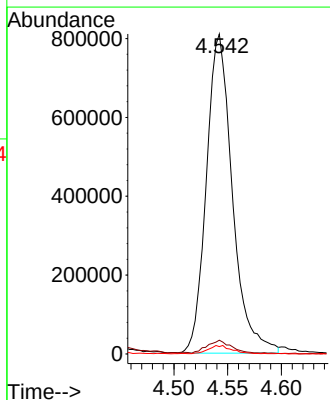
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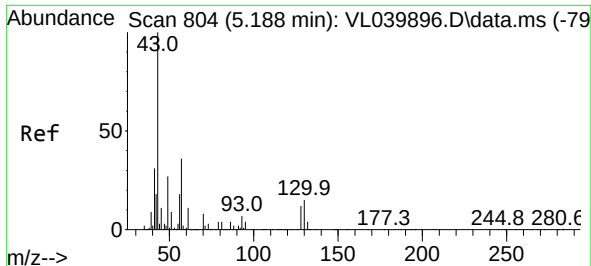
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#24
 1,1-Dichloroethane
 Concen: 9.256 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

Tgt Ion: 63 Resp: 1366324
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.2 1.1 3.5





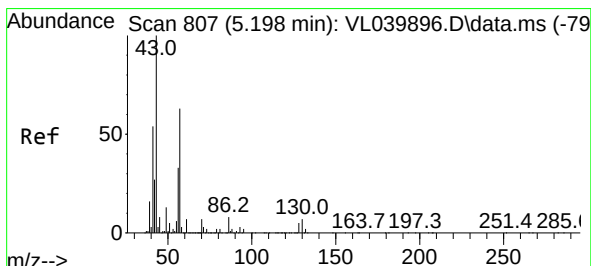
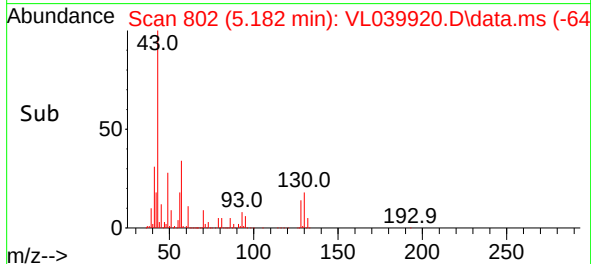
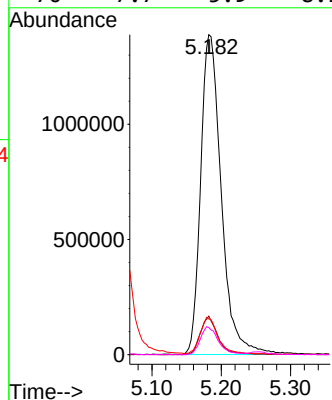
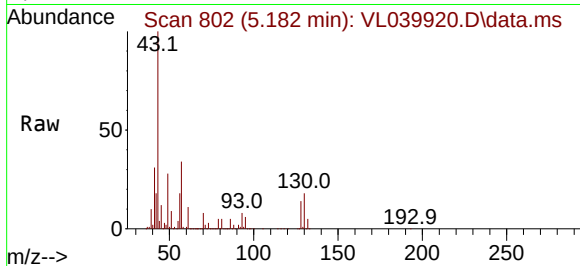
#25
Ethyl Acetate
Concen: 10.474 ppbv
RT: 5.182 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 286569
Ion Ratio Lower Upper
43 100
45 10.5 8.4 12.6
61 10.7 8.5 12.7
70 7.7 5.9 8.9

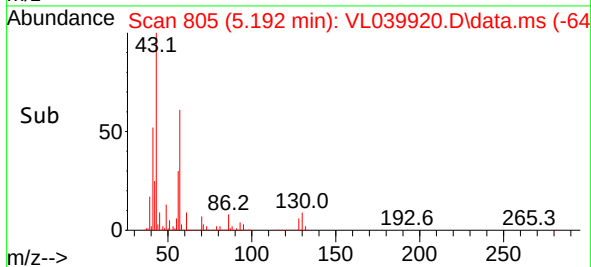
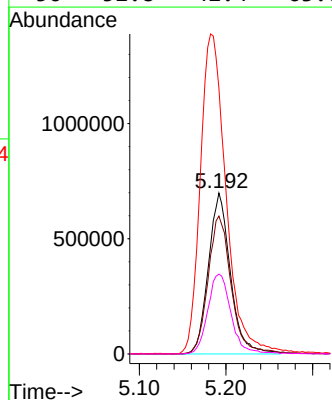
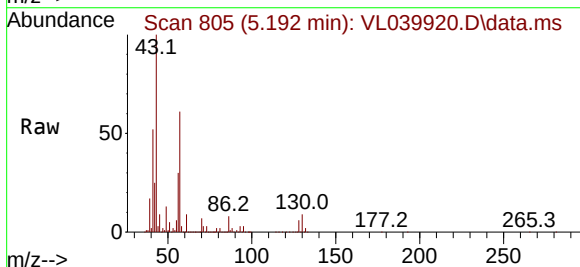
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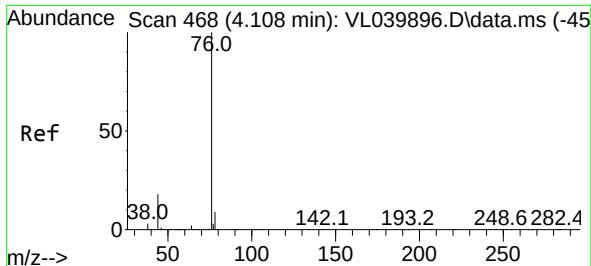
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#26
Hexane
Concen: 10.313 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

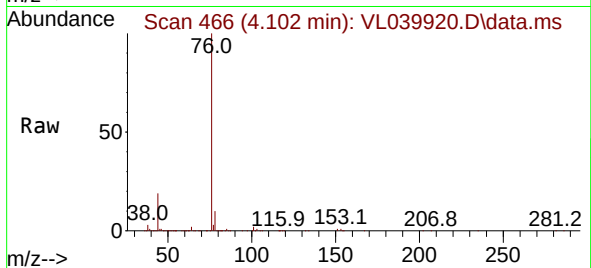
Tgt Ion: 57 Resp: 1232607
Ion Ratio Lower Upper
57 100
41 90.9 72.3 108.5
43 233.3 188.7 283.1
56 52.8 42.4 63.6





#27
Carbon Disulfide
Concen: 10.442 ppbv
RT: 4.102 min Scan# 409
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

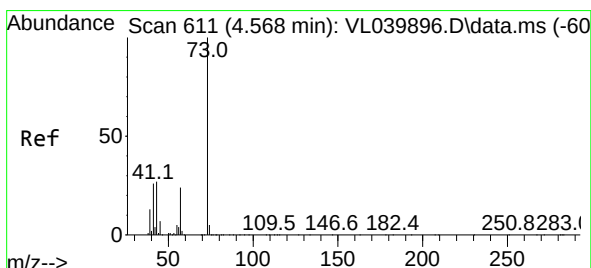
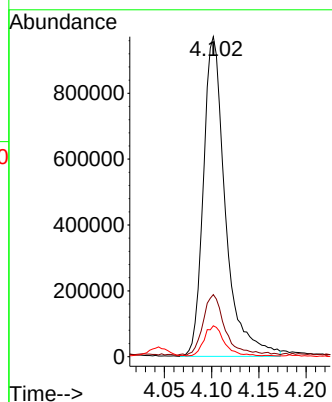
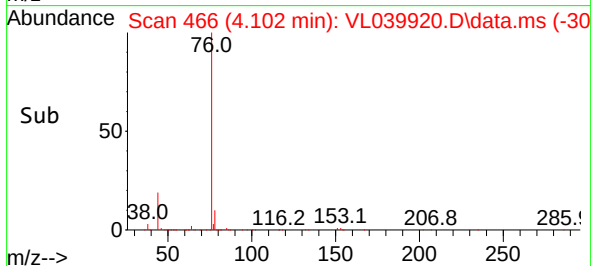
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



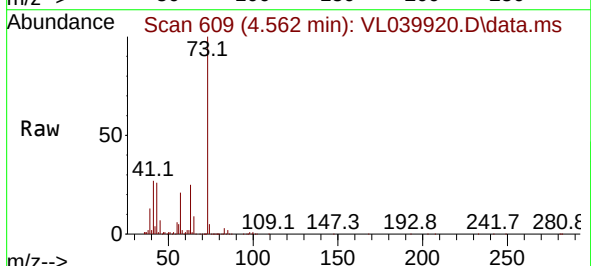
Tgt Ion: 76 Resp: 157564
Ion Ratio Lower Upper
76 100
44 20.1 14.7 22.1
78 9.3 7.8 11.8

Manual Integrations
APPROVED

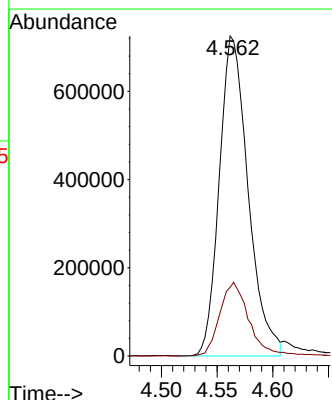
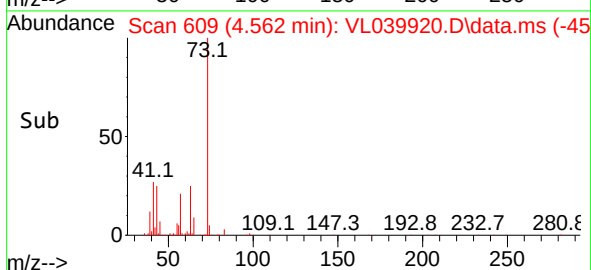
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

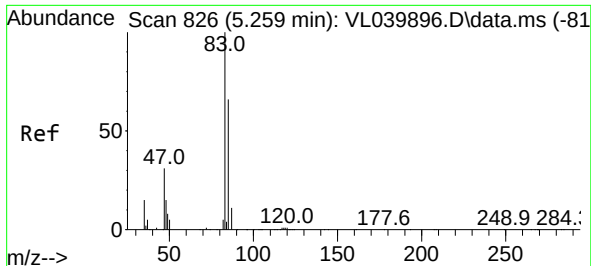


#28
Methyl tert-Butyl Ether
Concen: 8.734 ppbv
RT: 4.562 min Scan# 609
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 73 Resp: 1307098
Ion Ratio Lower Upper
73 100
57 23.8 18.9 28.3





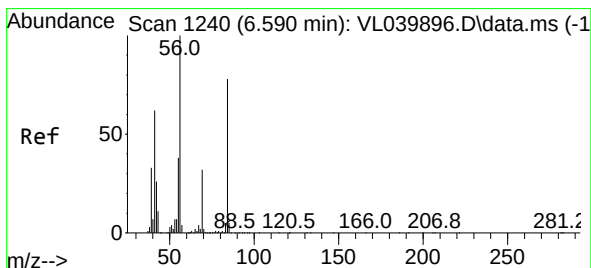
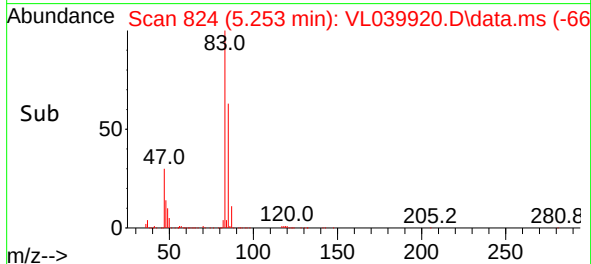
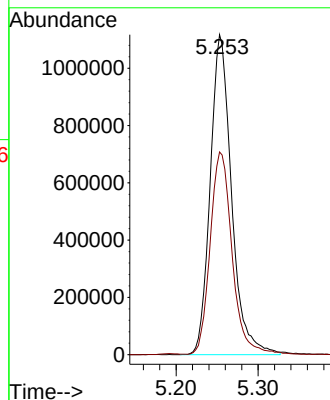
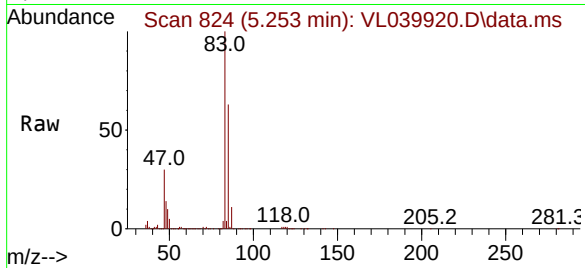
#29
Chloroform
Concen: 12.688 ppbv
RT: 5.253 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 201537
Ion Ratio Lower Upper
83 100
85 63.2 52.4 78.6

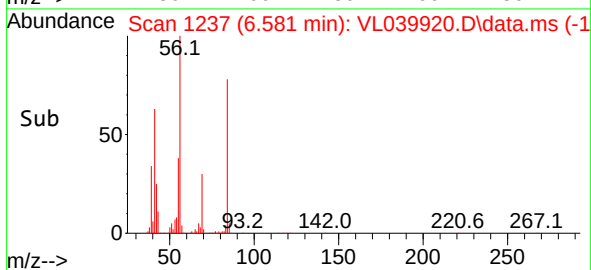
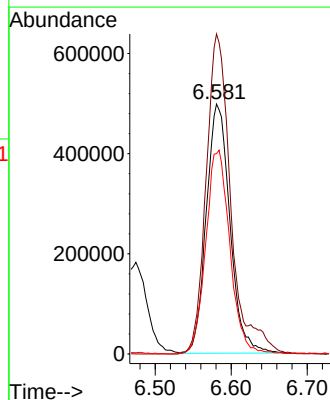
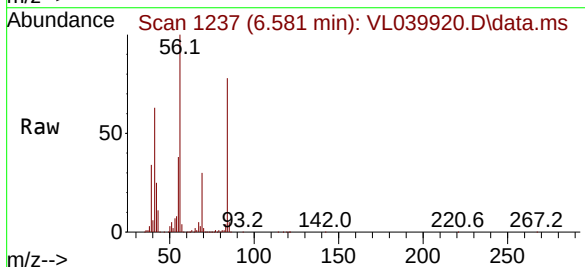
Manual Integrations
APPROVED

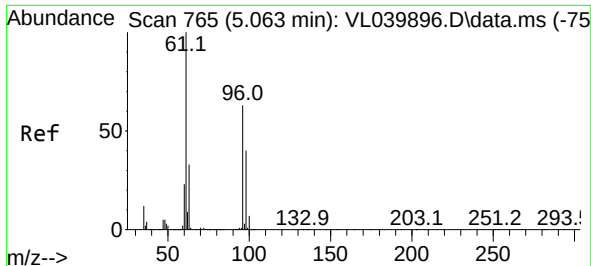
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#30
Cyclohexane
Concen: 9.180 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

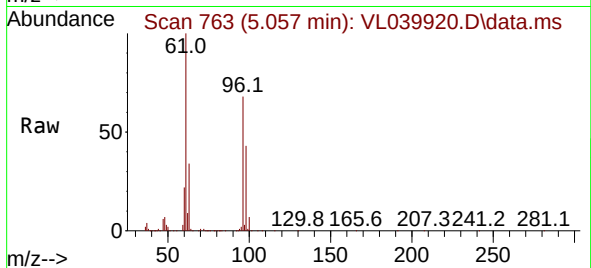
Tgt Ion: 84 Resp: 1076738
Ion Ratio Lower Upper
84 100
56 134.3 112.5 168.7
41 83.5 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 9.537 ppbv
RT: 5.057 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

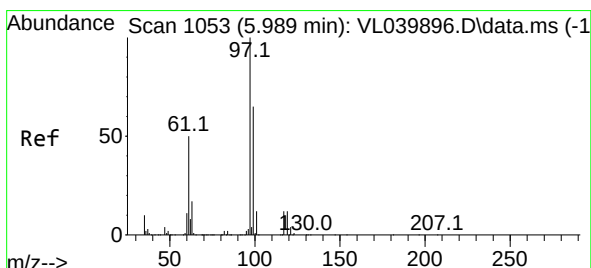
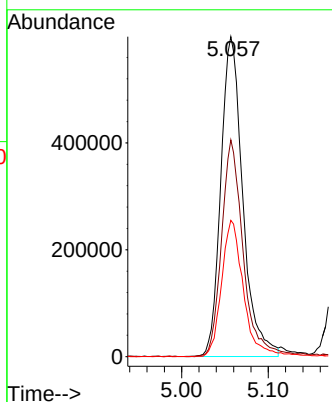
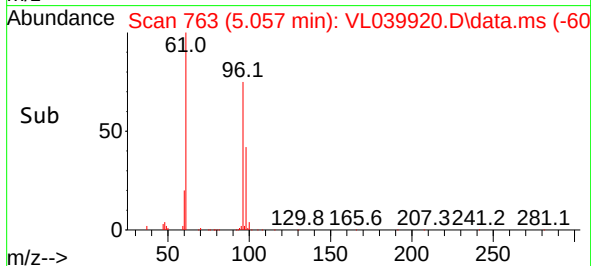
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



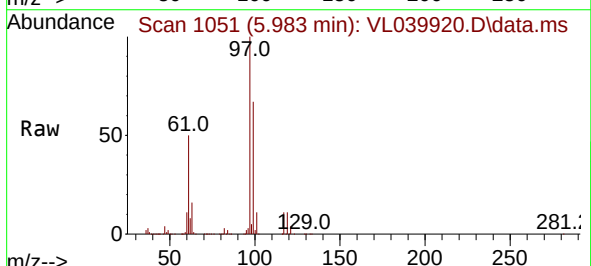
Tgt Ion: 61 Resp: 105316
Ion Ratio Lower Upper
61 100
96 67.7 50.3 75.5
98 42.6 32.2 48.2

Manual Integrations
APPROVED

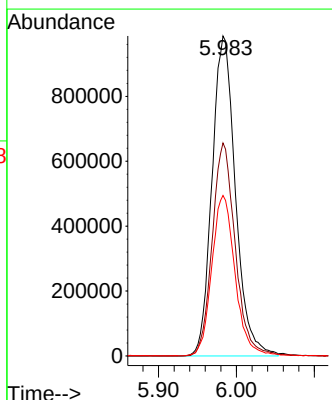
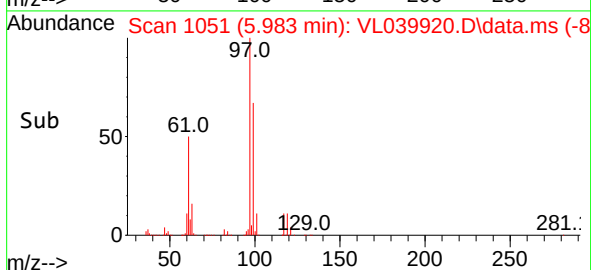
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

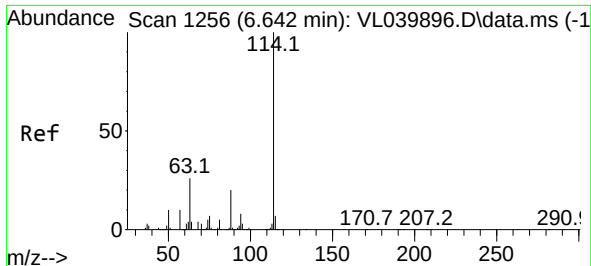


#32
1,1,1-Trichloroethane
Concen: 10.401 ppbv
RT: 5.983 min Scan# 1051
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 97 Resp: 2063219
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 50.2 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 306356

Ion Ratio Lower Upper

114 100

63 25.2 21.4 32.0

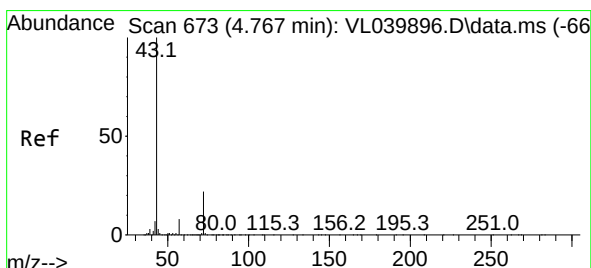
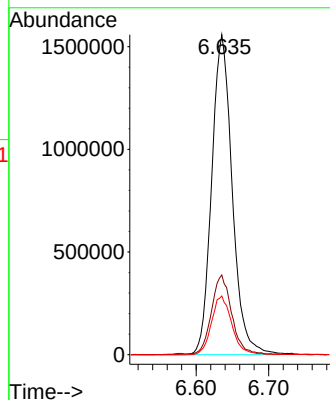
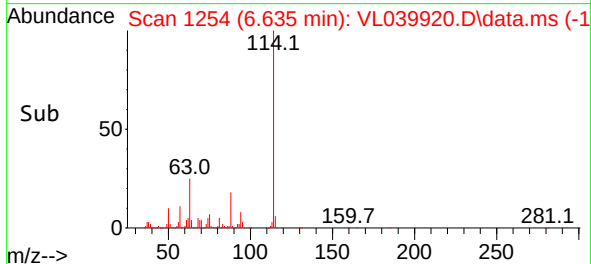
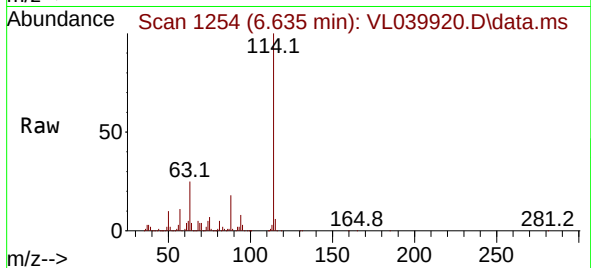
88 18.2 15.3 22.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#34

2-Butanone

Concen: 10.445 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.013 min

Lab File: VL039920.D

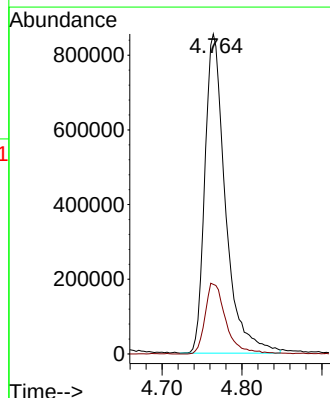
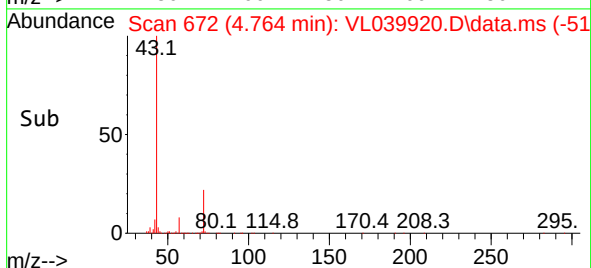
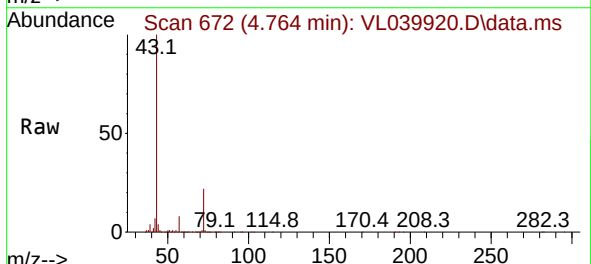
Acq: 22 Nov 2022 16:20

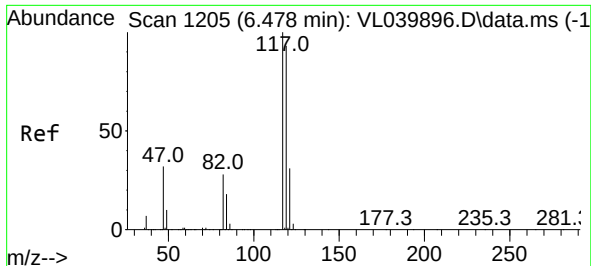
Tgt Ion: 43 Resp: 1531144

Ion Ratio Lower Upper

43 100

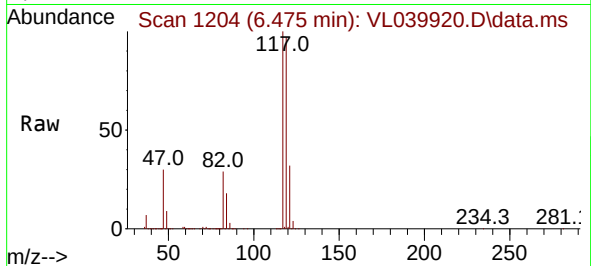
72 22.7 17.4 26.2





#35
Carbon Tetrachloride
Concen: 12.305 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

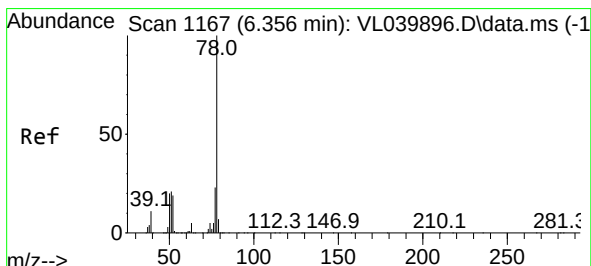
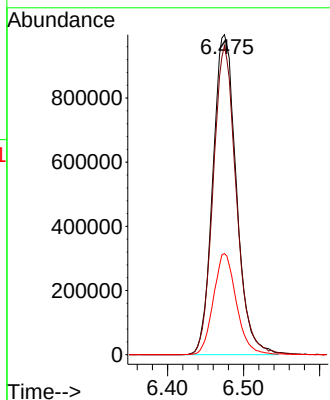
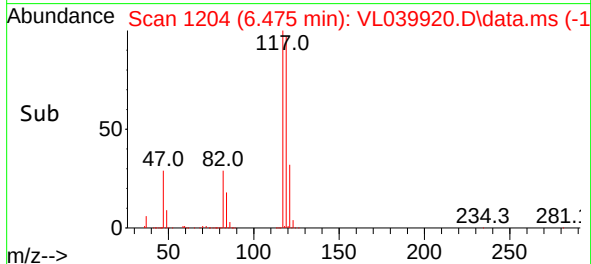
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 214090
Ion Ratio Lower Upper
117 100
119 96.5 74.7 112.1
121 31.6 24.5 36.7

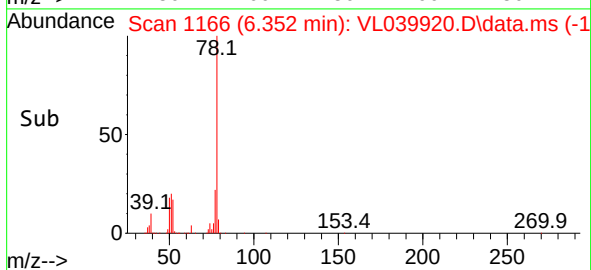
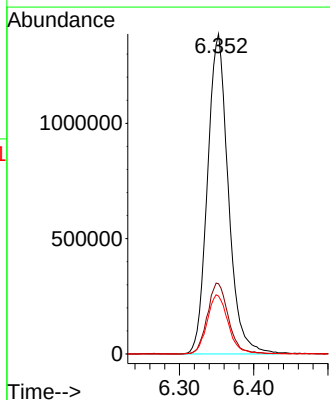
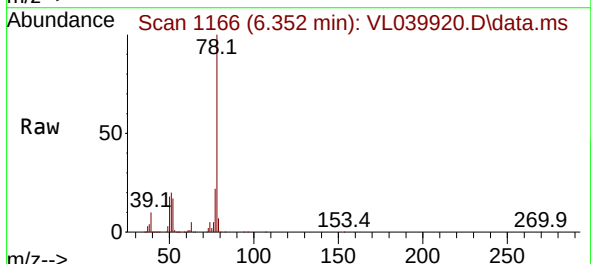
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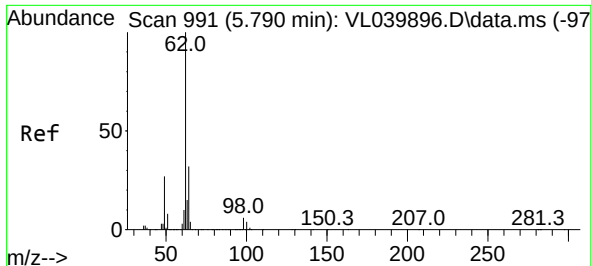
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#36
Benzene
Concen: 10.335 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 78 Resp: 2691379
Ion Ratio Lower Upper
78 100
77 22.0 18.2 27.2
50 18.1 15.8 23.8





#37

1,2-Dichloroethane

Concen: 11.009 ppbv

RT: 5.787 min Scan# 991

Delta R.T. 0.013 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1570958

Ion Ratio Lower Upper

62 100

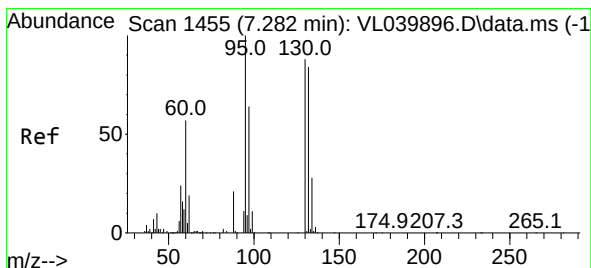
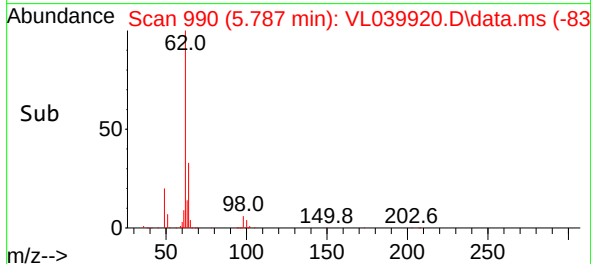
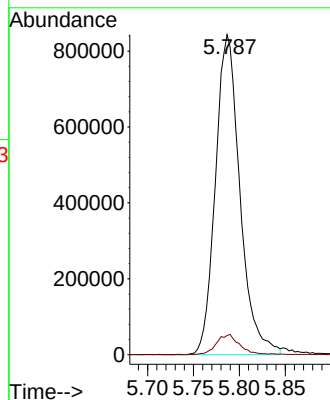
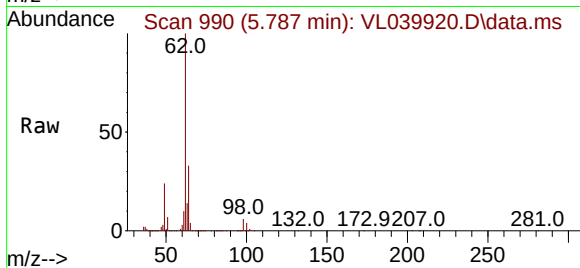
98 6.0 5.0 7.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#38

Trichloroethene

Concen: 10.543 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.016 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Tgt Ion:130 Resp: 1534764

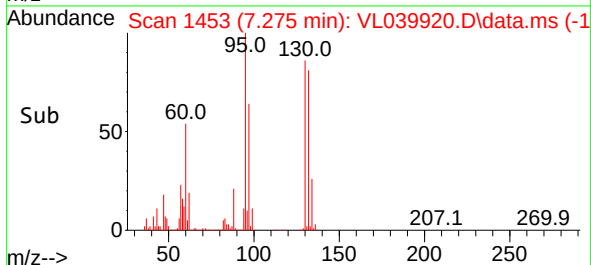
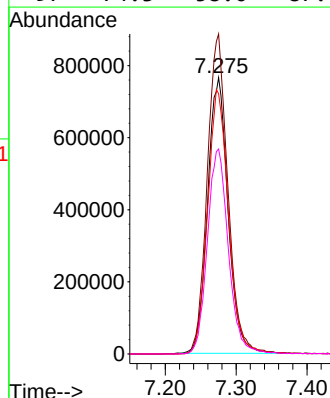
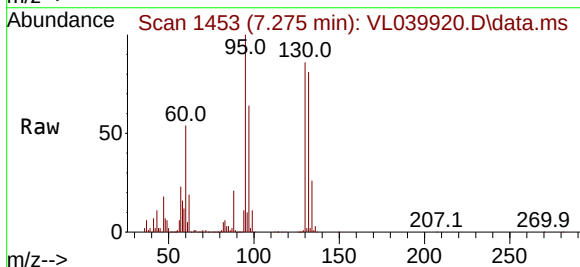
Ion Ratio Lower Upper

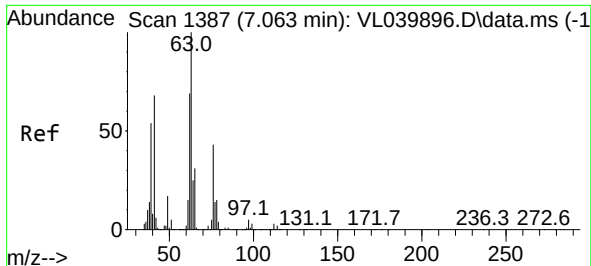
130 100

95 116.0 90.6 135.8

132 94.4 76.2 114.4

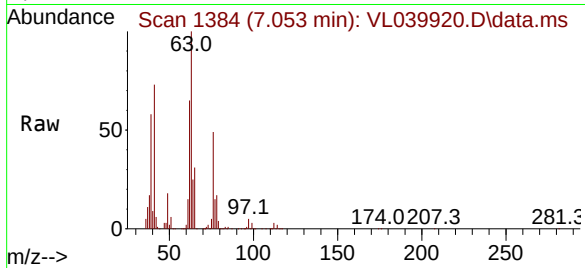
97 74.3 58.0 87.0





#39
 1,2-Dichloropropane
 Concen: 10.065 ppbv
 RT: 7.053 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

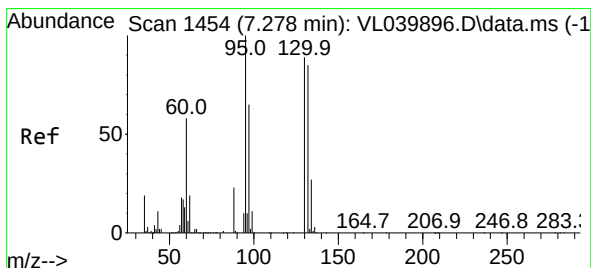
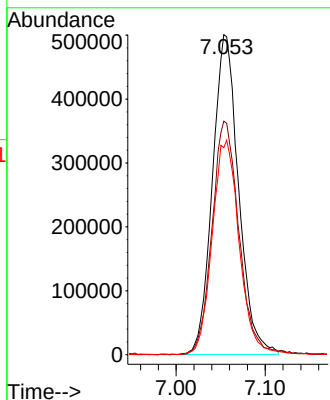
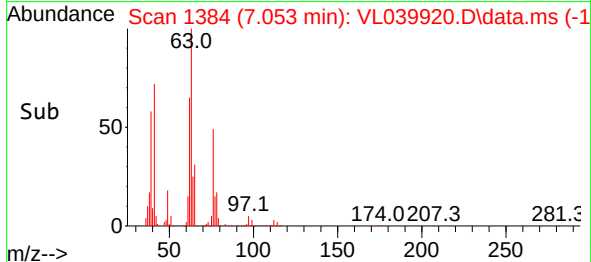
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



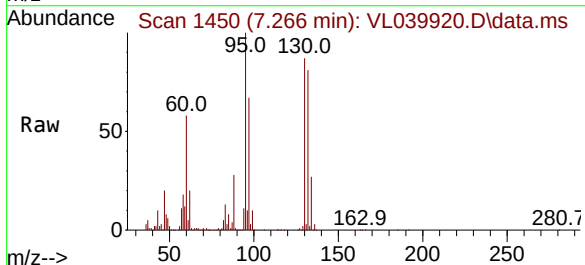
Tgt Ion: 63 Resp: 1021119
 Ion Ratio Lower Upper
 63 100
 41 72.9 54.7 82.1
 62 64.7 55.0 82.6

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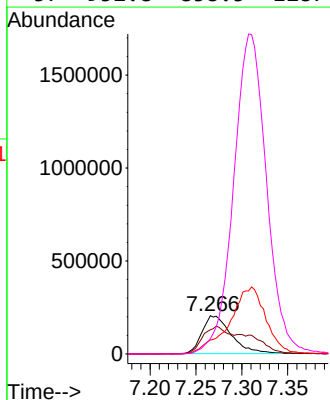
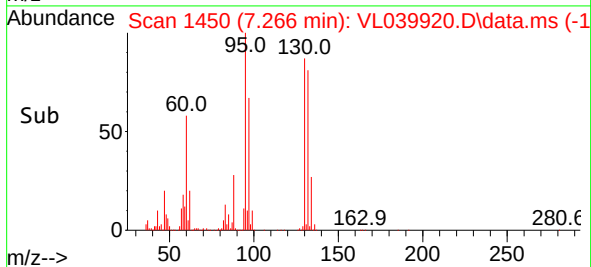
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

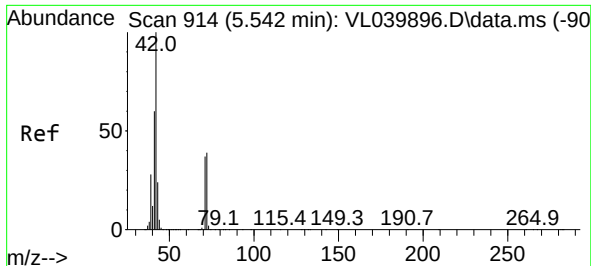


#40
 1,4-Dioxane
 Concen: 11.219 ppbv
 RT: 7.266 min Scan# 1450
 Delta R.T. 0.010 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20



Tgt Ion: 88 Resp: 453420
 Ion Ratio Lower Upper
 88 100
 58 114.4 100.5 150.7
 43 221.8 195.8 293.8
 57 952.8 858.5 1287.7





#41

Tetrahydrofuran

Concen: 10.279 ppbv

RT: 5.539 min Scan# 914

Delta R.T. 0.016 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 104022

Ion Ratio Lower Upper

42 100

72 41.3 31.6 47.4

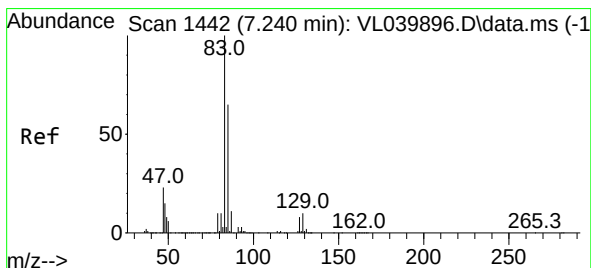
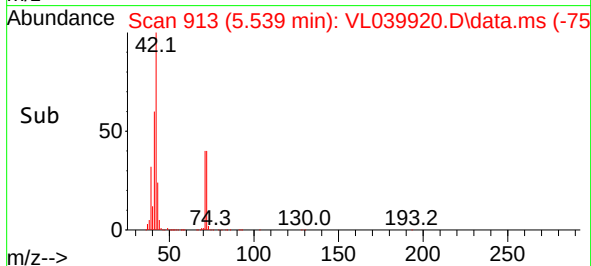
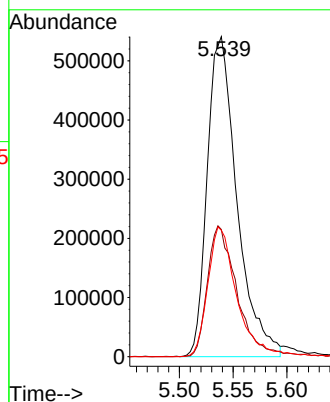
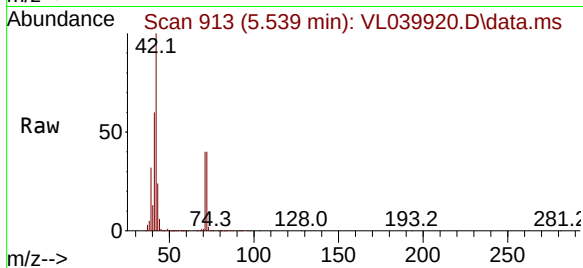
71 40.0 31.2 46.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#42

Bromodichloromethane

Concen: 11.633 ppbv

RT: 7.230 min Scan# 1439

Delta R.T. 0.013 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

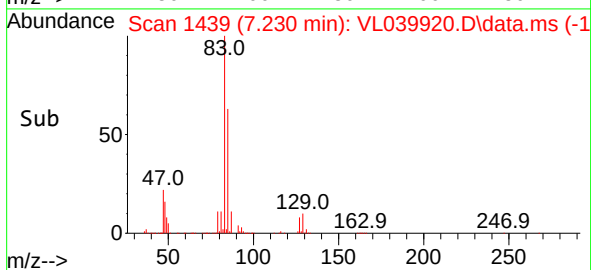
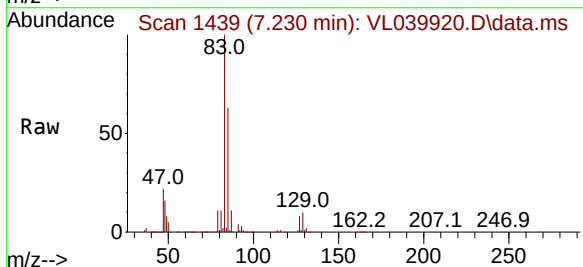
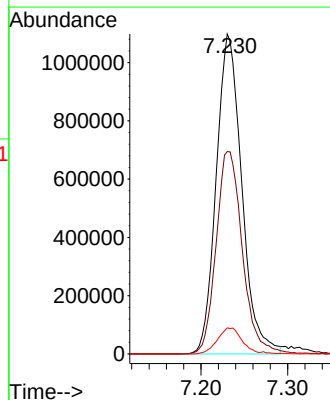
Tgt Ion: 83 Resp: 2251348

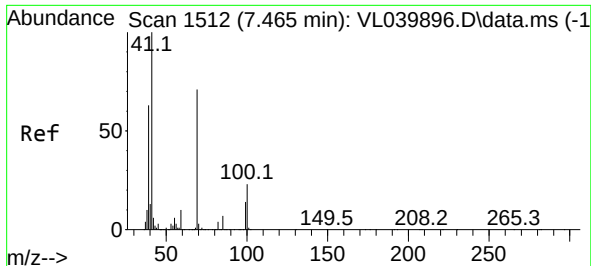
Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

127 8.2 6.5 9.7





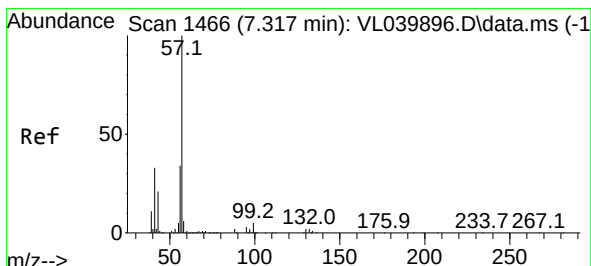
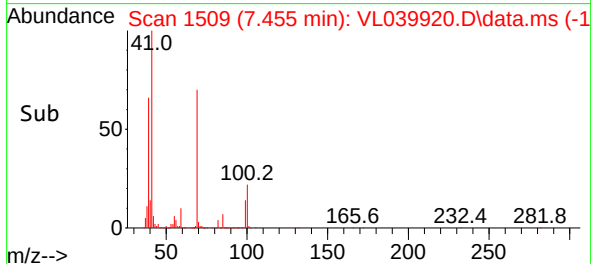
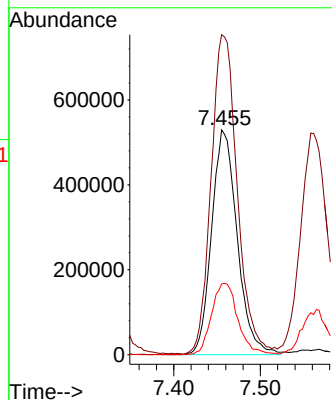
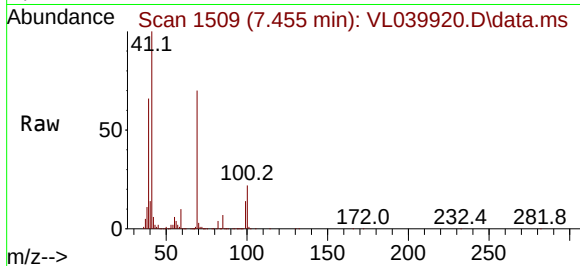
#43
Methyl Methacrylate
Concen: 10.649 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 108719
Ion Ratio Lower Upper
69 100
41 145.7 116.4 174.6
100 32.6 26.8 40.2

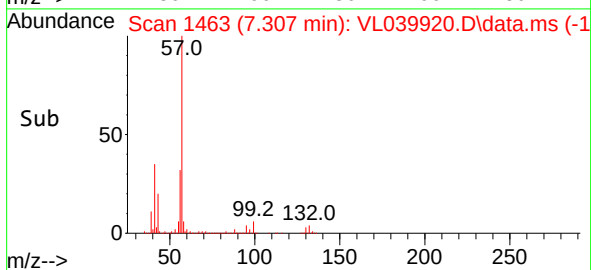
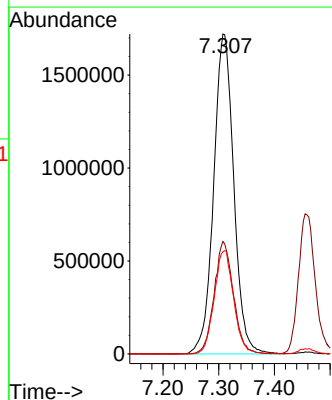
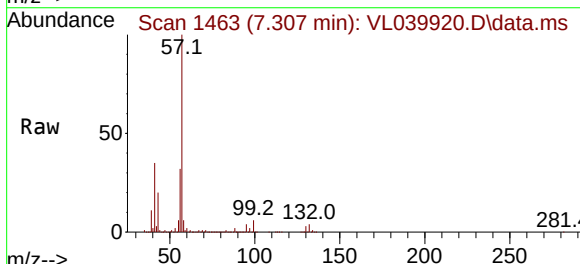
Manual Integrations
APPROVED

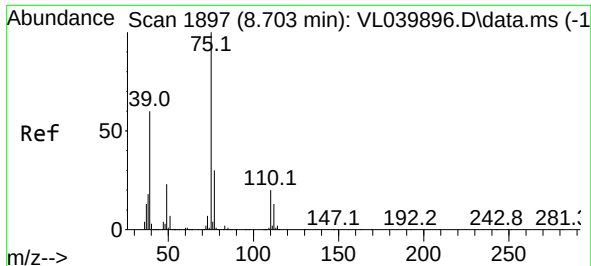
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#44
2,2,4-Trimethylpentane
Concen: 9.931 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 57 Resp: 4317164
Ion Ratio Lower Upper
57 100
41 33.6 26.2 39.2
56 31.3 25.5 38.3





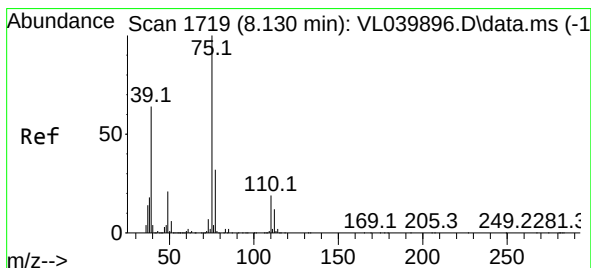
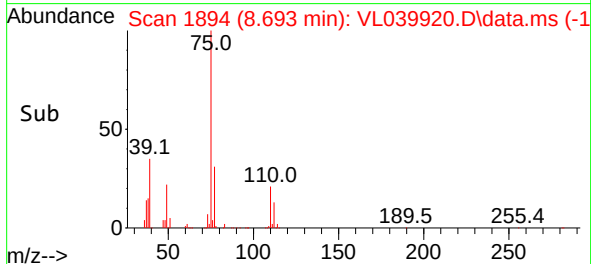
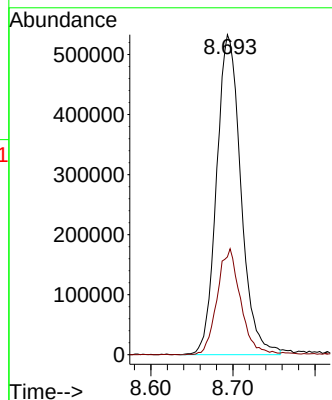
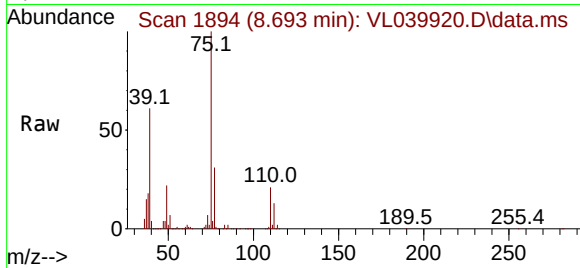
#45
t-1,3-Dichloropropene
Concen: 11.655 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 109938
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4

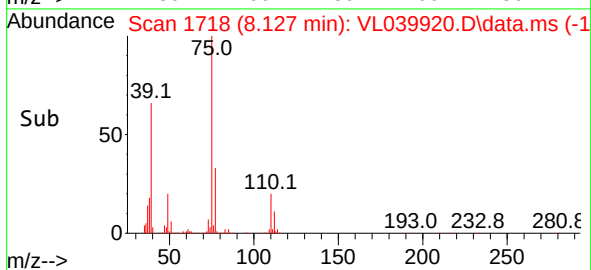
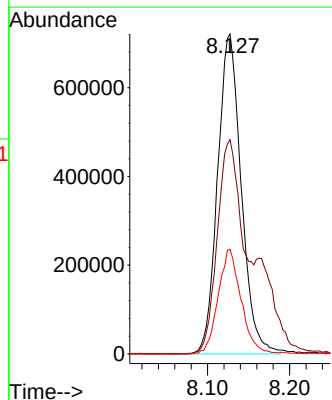
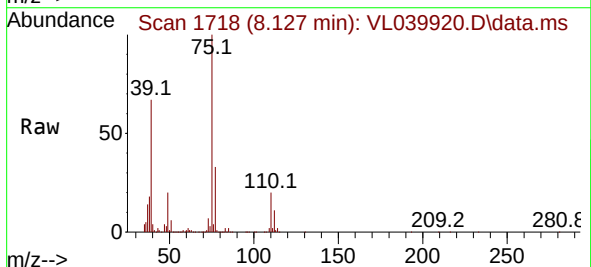
Manual Integrations
APPROVED

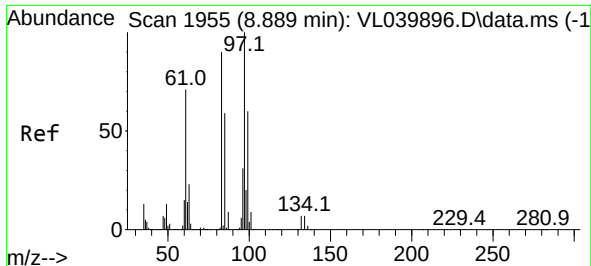
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#46
cis-1,3-Dichloropropene
Concen: 11.065 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 75 Resp: 1445848
Ion Ratio Lower Upper
75 100
39 66.9 51.0 76.4
77 32.8 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.594 ppbv

RT: 8.883 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VL039920.D

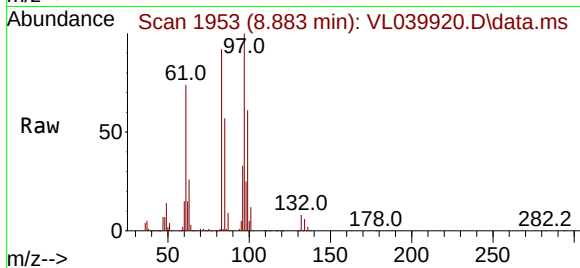
Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 110463

Ion Ratio Lower Upper

97 100

83 91.6 72.1 108.1

85 56.9 47.2 70.8

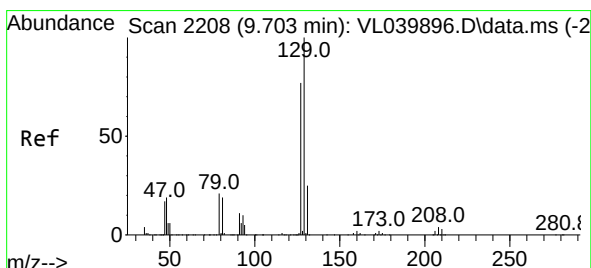
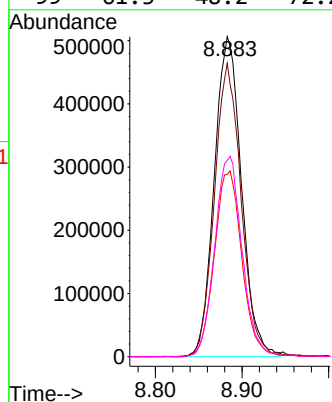
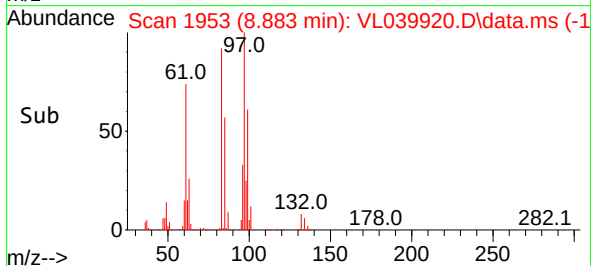
99 61.3 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#48

Dibromochloromethane

Concen: 12.403 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.016 min

Lab File: VL039920.D

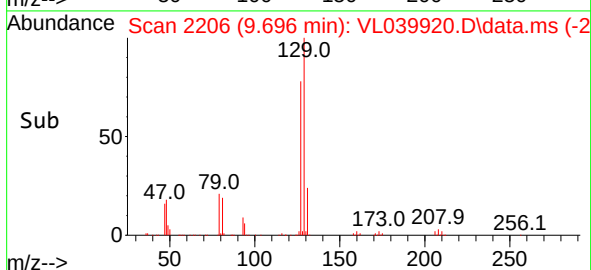
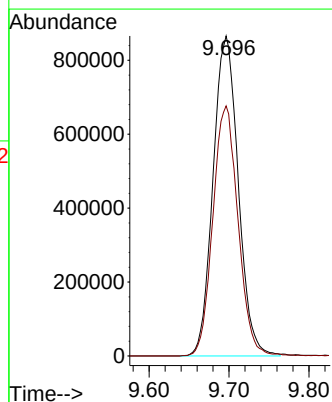
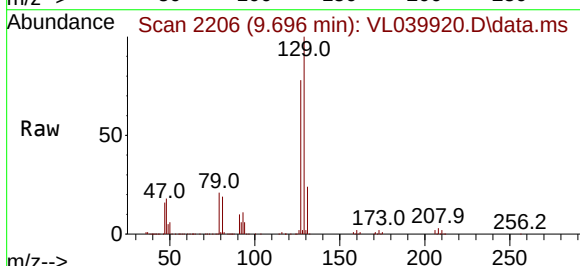
Acq: 22 Nov 2022 16:20

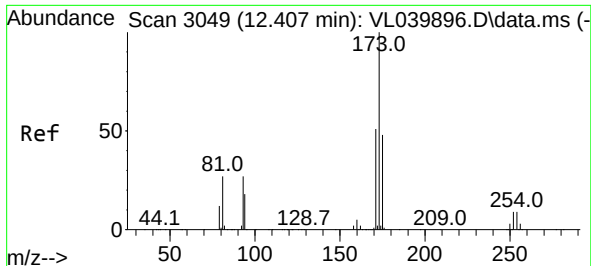
Tgt Ion:129 Resp: 1894201

Ion Ratio Lower Upper

129 100

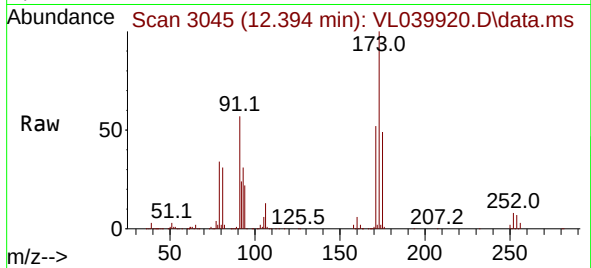
127 78.4 39.1 117.3





#49
Bromoform
Concen: 12.355 ppbv
RT: 12.394 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

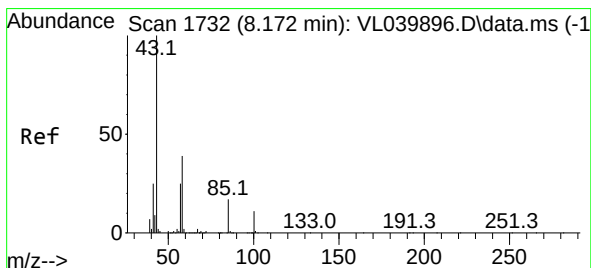
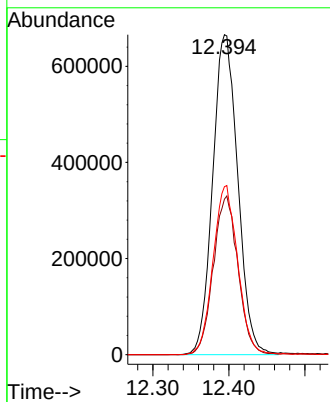
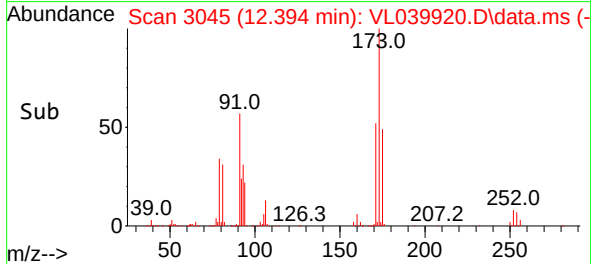
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 152732
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
171 52.0 41.8 62.8

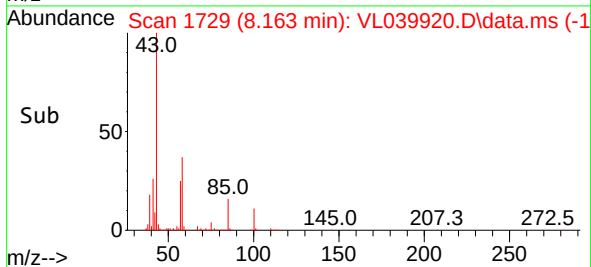
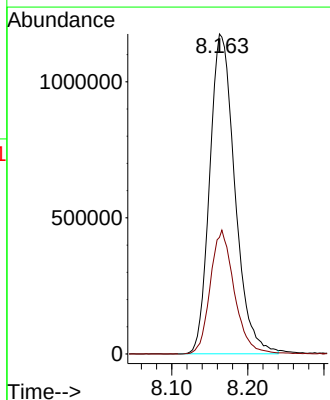
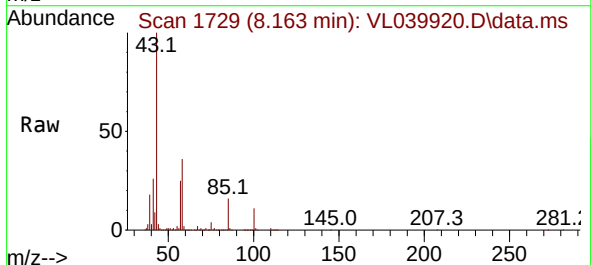
Manual Integrations
APPROVED

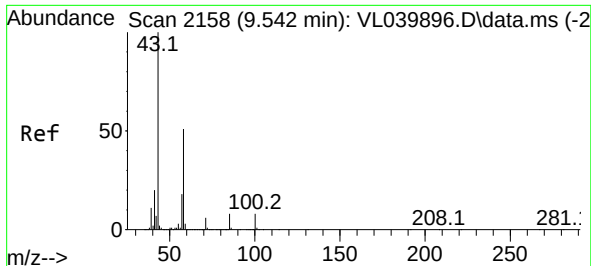
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#50
4-Methyl-2-Pentanone
Concen: 10.301 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

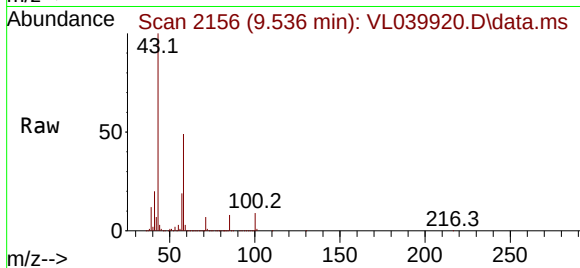
Tgt Ion: 43 Resp: 2704387
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6





#51
2-Hexanone
Concen: 10.551 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

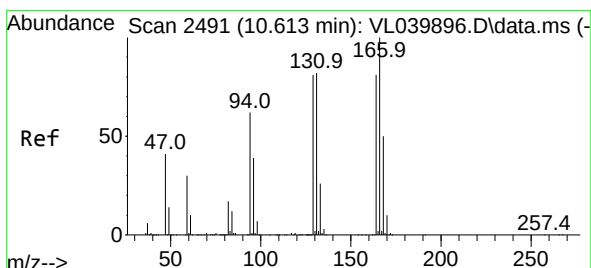
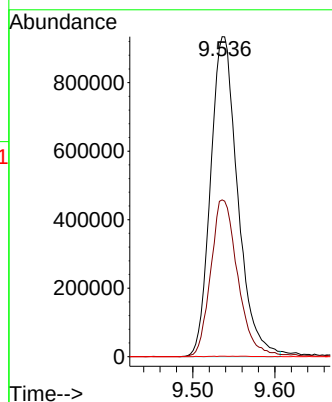
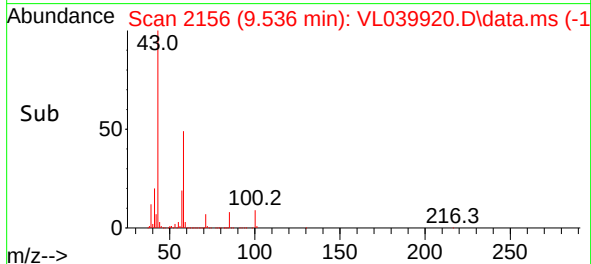
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2150470
Ion Ratio Lower Upper
43 100
58 49.6 40.2 60.4
98 0.2 0.1 0.1

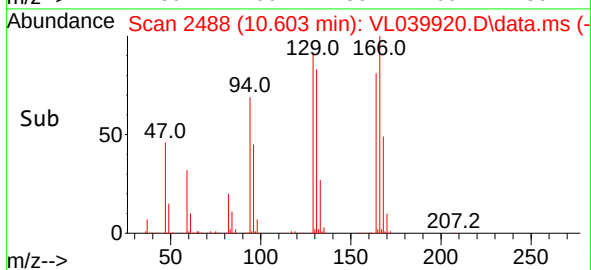
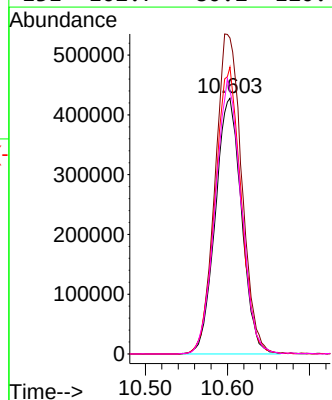
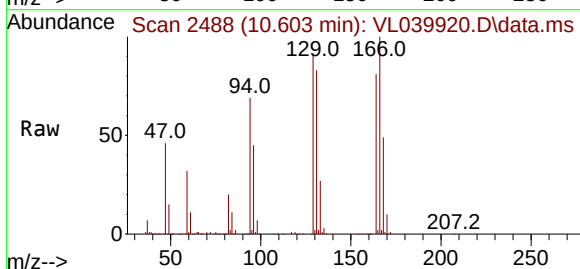
Manual Integrations
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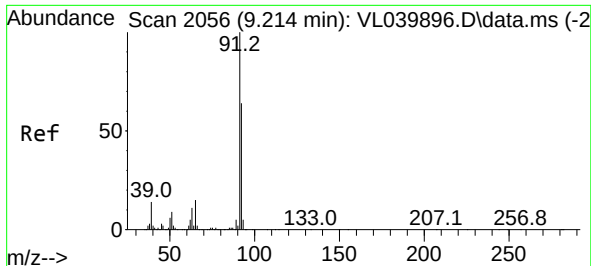
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#52
Tetrachloroethene
Concen: 9.741 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion:164 Resp: 948945
Ion Ratio Lower Upper
164 100
166 123.6 98.3 147.5
129 112.1 79.7 119.5
131 102.7 80.2 120.4





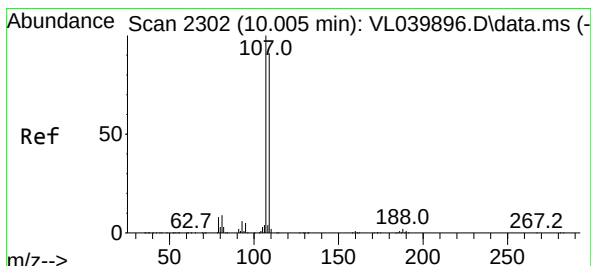
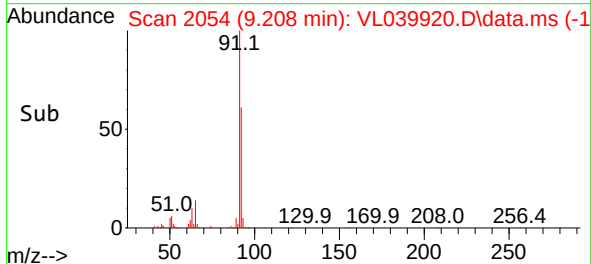
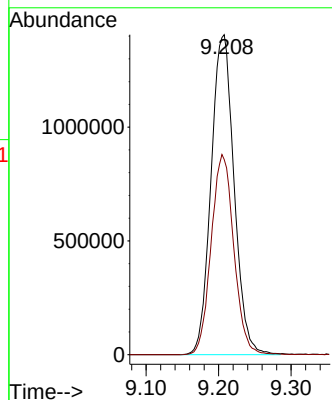
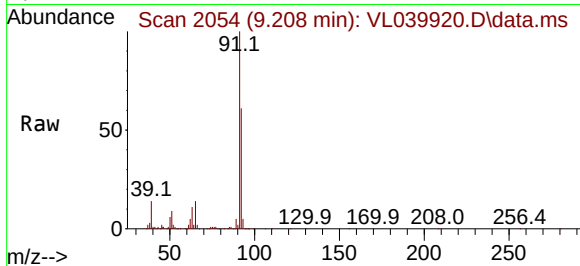
#53
Toluene
Concen: 10.455 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3101354
Ion Ratio Lower Upper
91 100
92 61.6 49.8 74.6

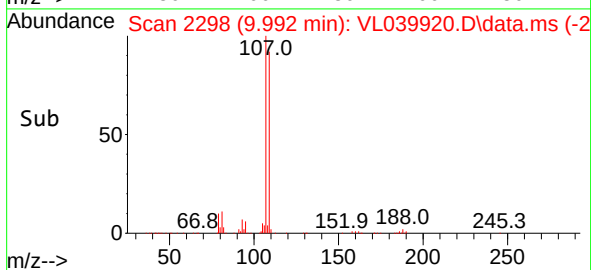
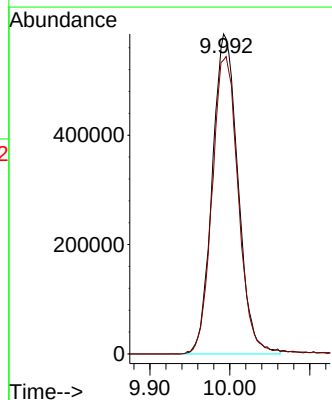
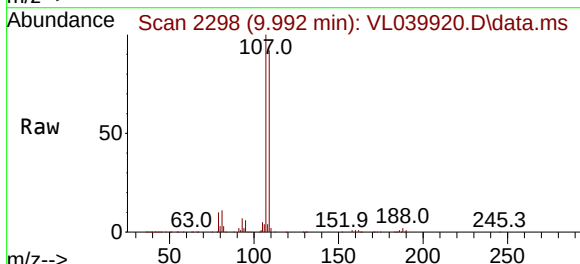
Manual Integrations
APPROVED

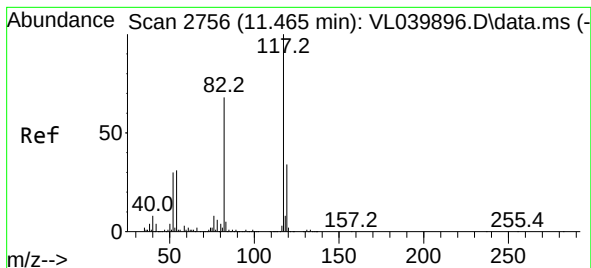
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#54
1,2-Dibromoethane
Concen: 11.740 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

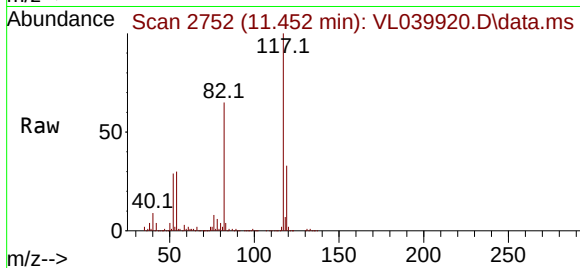
Tgt Ion:107 Resp: 1306364
Ion Ratio Lower Upper
107 100
109 91.8 72.8 109.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

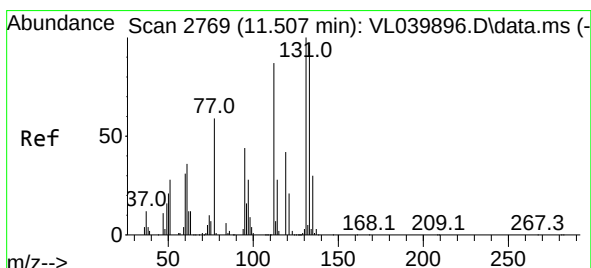
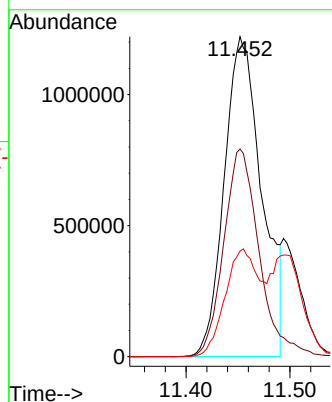
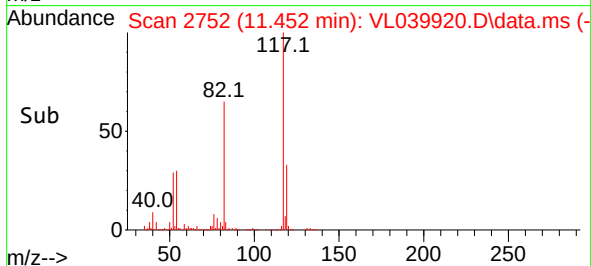
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



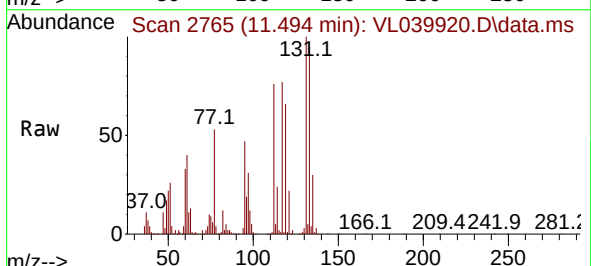
Tgt Ion:117 Resp: 3060814
Ion Ratio Lower Upper
117 100
82 61.8 52.3 78.5
119 31.8 25.7 38.5

Manual Integrations
APPROVED

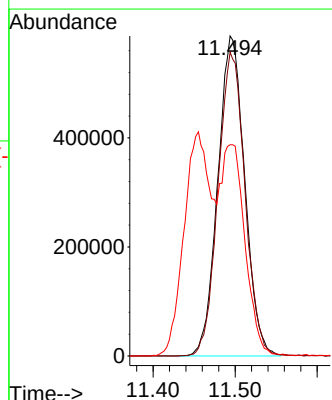
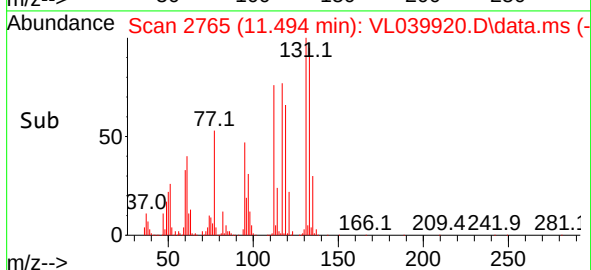
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

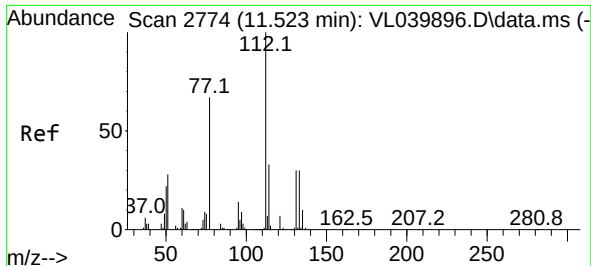


#56
1,1,1,2-Tetrachloroethane
Concen: 10.684 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



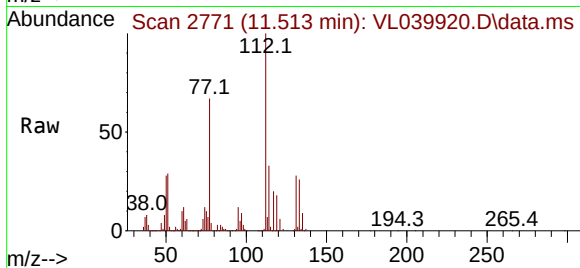
Tgt Ion:131 Resp: 1336755
Ion Ratio Lower Upper
131 100
133 95.2 76.7 115.1
119 63.9 46.6 69.8





#57
Chlorobenzene
Concen: 10.143 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

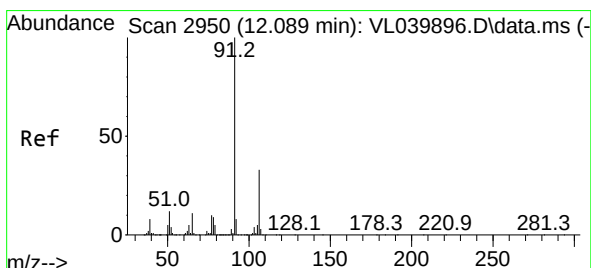
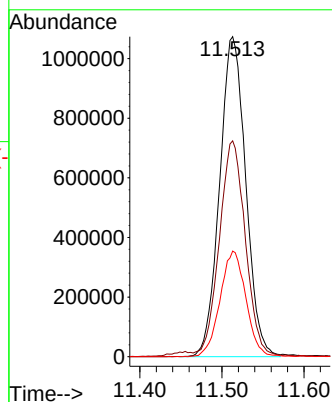
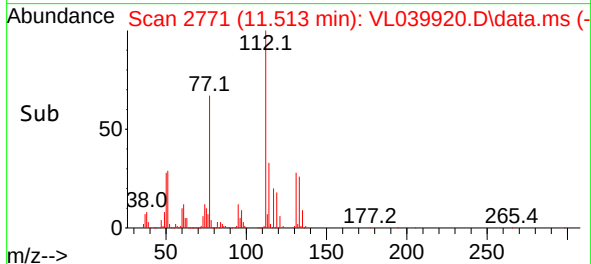
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 237376
Ion Ratio Lower Upper
112 100
77 66.9 54.6 81.8
114 32.9 30.1 36.7

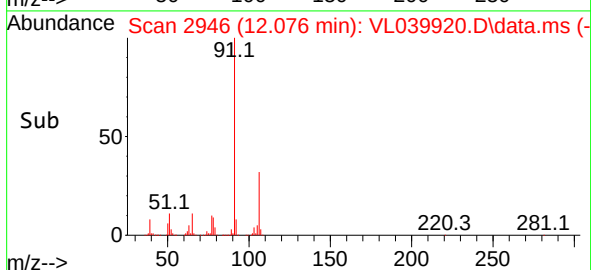
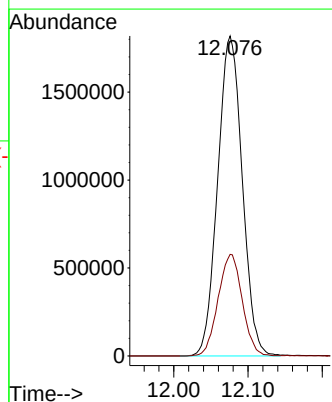
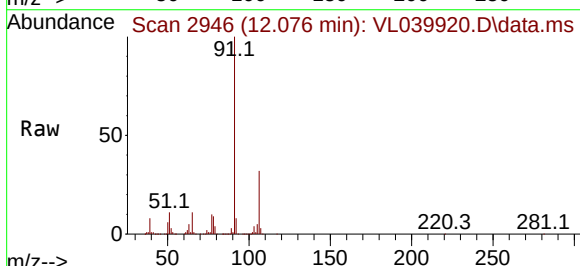
Manual Integrations
APPROVED

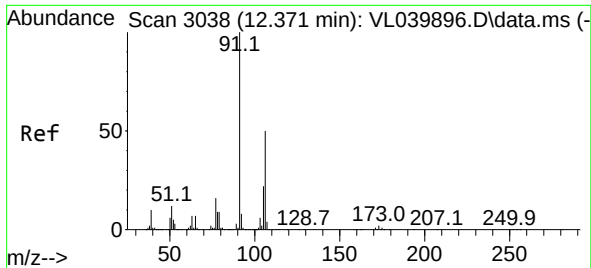
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#58
Ethyl Benzene
Concen: 10.078 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion: 91 Resp: 4185057
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1





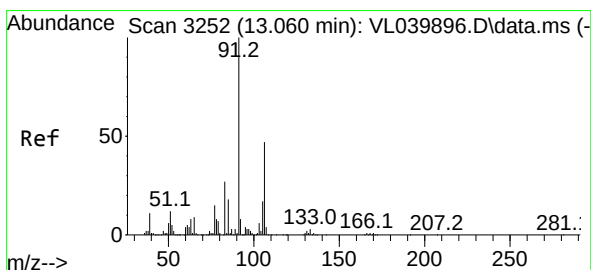
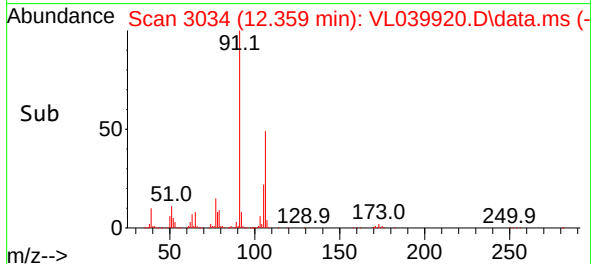
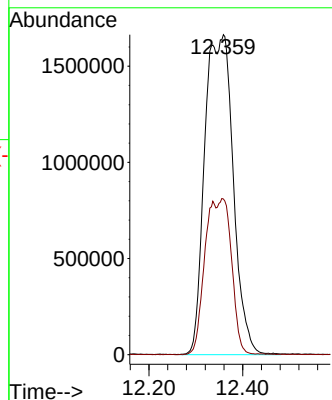
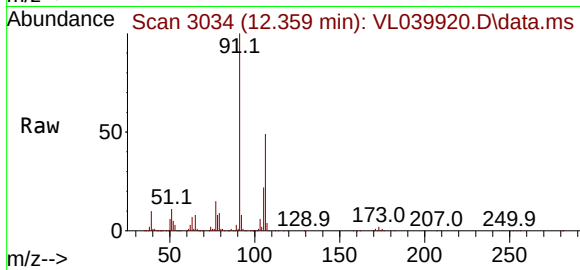
#59
m/p-Xylene
Concen: 20.194 ppbv m
RT: 12.359 min Scan# 3038
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 701817
Ion Ratio Lower Upper
91 100
106 45.4 37.0 55.6

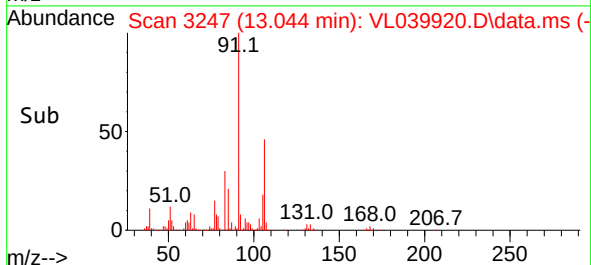
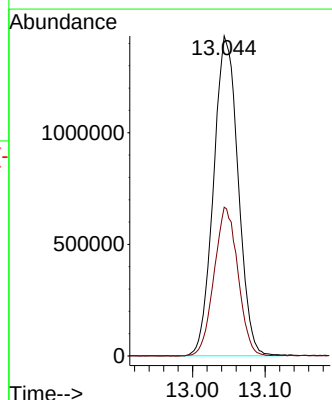
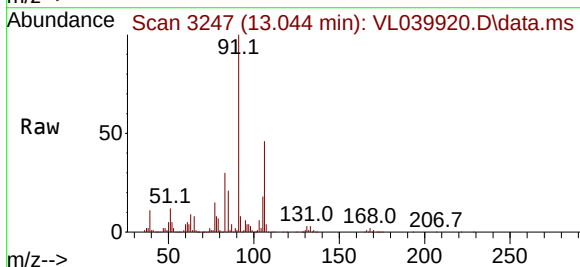
Manual Integrations
APPROVED

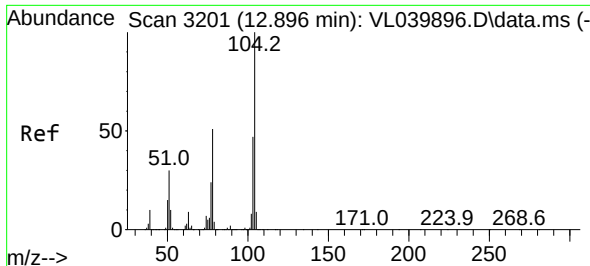
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#60
o-Xylene
Concen: 10.180 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

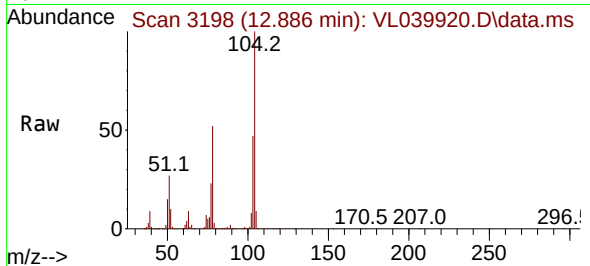
Tgt Ion: 91 Resp: 3374153
Ion Ratio Lower Upper
91 100
106 45.2 23.2 69.6





#61
Styrene
Concen: 10.413 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

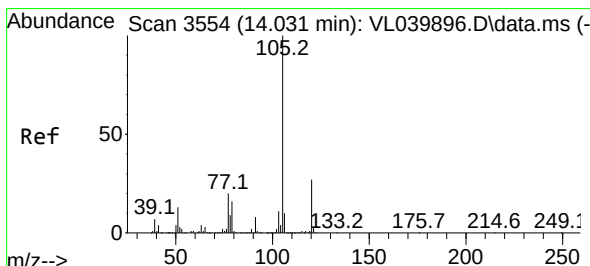
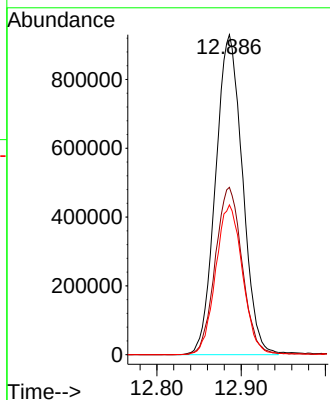
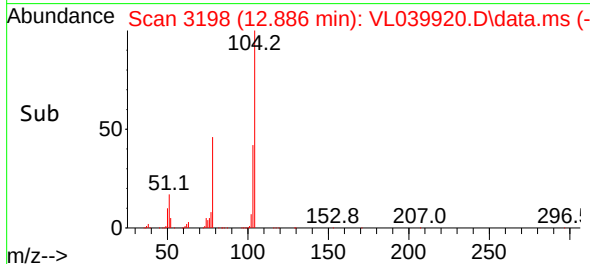
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



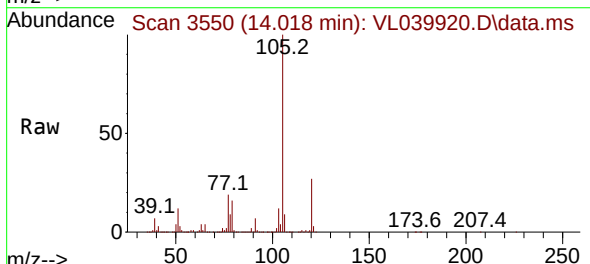
Tgt Ion:104 Resp: 2060129
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 47.1 37.2 55.8

Manual Integrations
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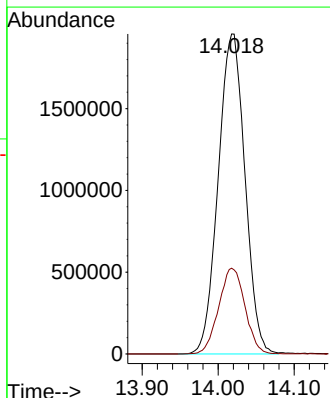
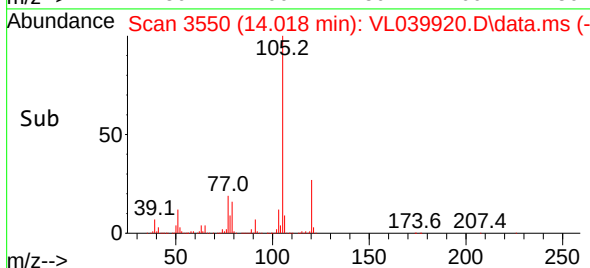
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

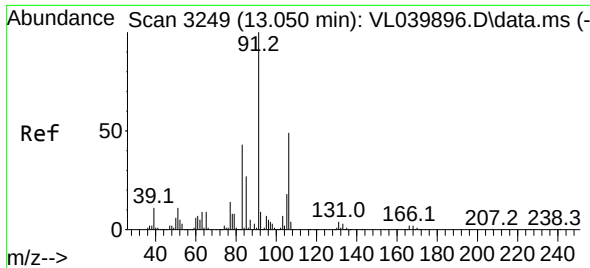


#62
Isopropylbenzene
Concen: 9.993 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



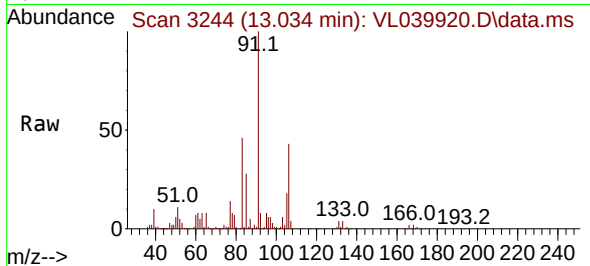
Tgt Ion:105 Resp: 4776293
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.405 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

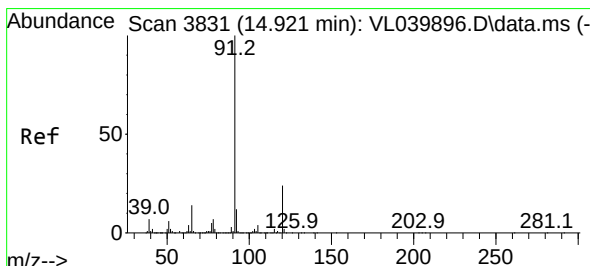
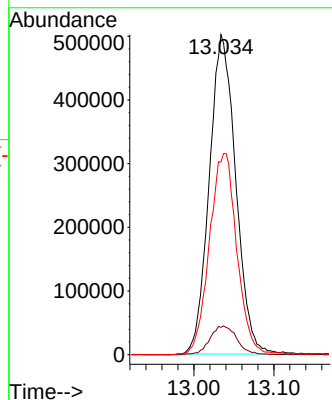
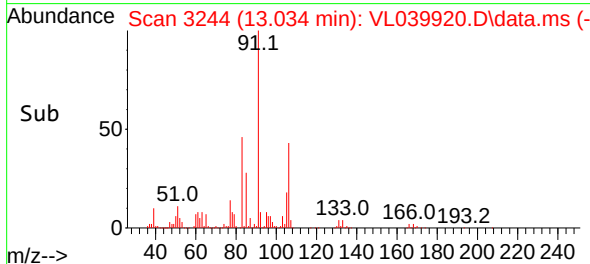
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1151510
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.6 33.0 99.0

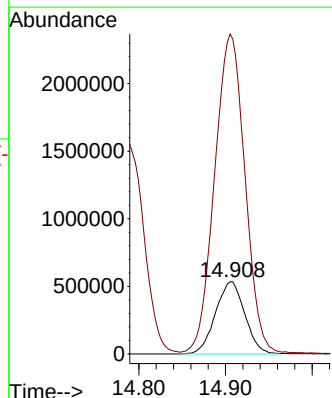
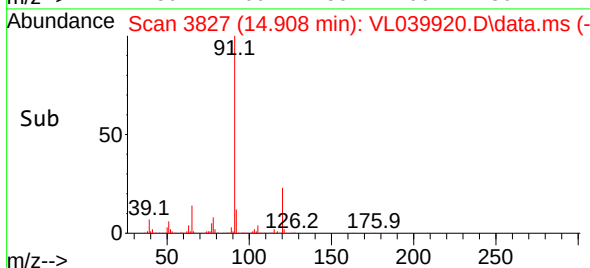
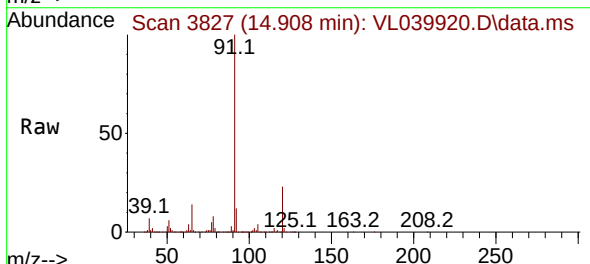
Manual Integrations
APPROVED

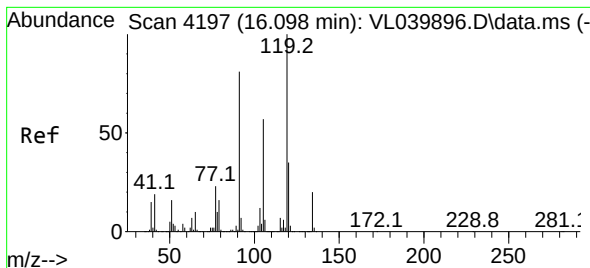
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#64
n-propylbenzene
Concen: 10.046 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.013 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

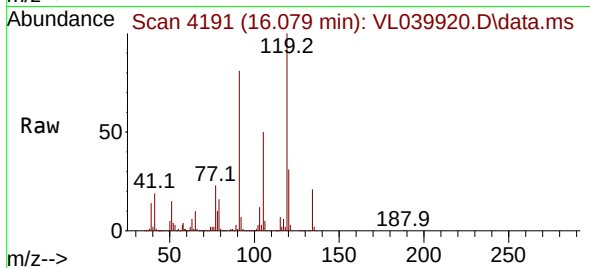
Tgt Ion:120 Resp: 1256096
Ion Ratio Lower Upper
120 100
91 461.5 353.7 530.5





#65
tert-Butylbenzene
Concen: 9.992 ppbv
RT: 16.079 min Scan# 4197
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

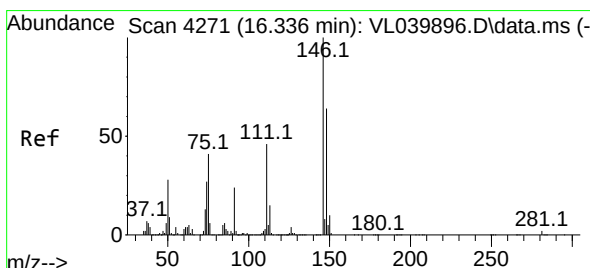
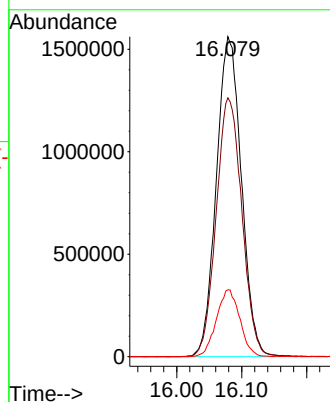
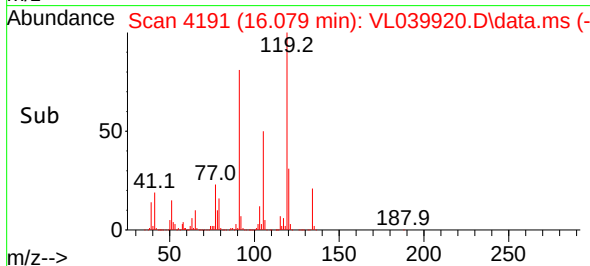
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



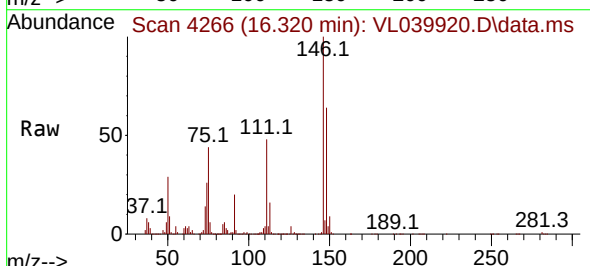
Tgt Ion: 119 Resp: 4177658
Ion Ratio Lower Upper
119 100
91 83.1 65.8 98.8
134 19.6 16.1 24.1

Manual Integrations
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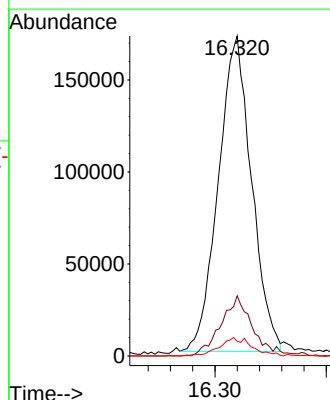
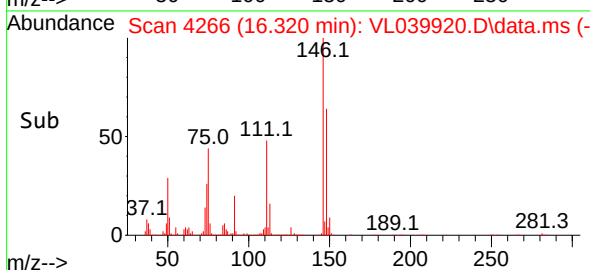
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

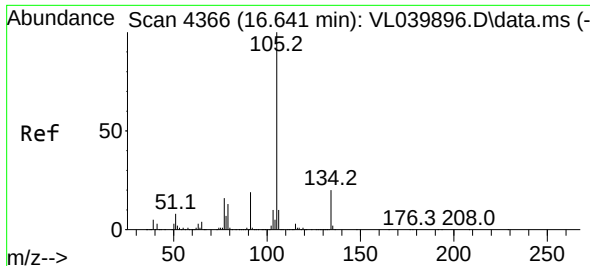


#66
Benzyl Chloride
Concen: 9.899 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 91 Resp: 354708
Ion Ratio Lower Upper
91 100
126 18.5 15.0 22.6
128 5.8 4.6 7.0





#67

sec-Butylbenzene

Concen: 10.069 ppbv

RT: 16.625 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 578833

Ion Ratio Lower Upper

105 100

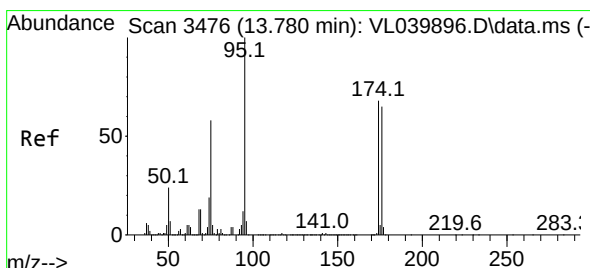
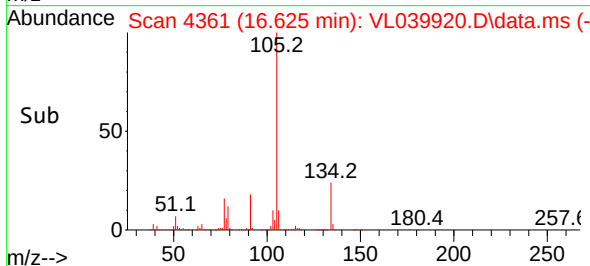
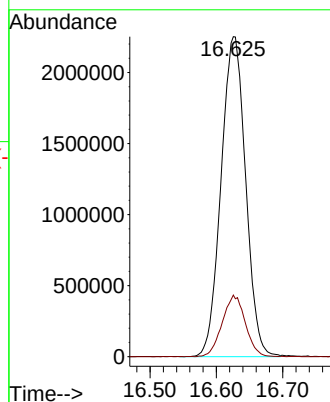
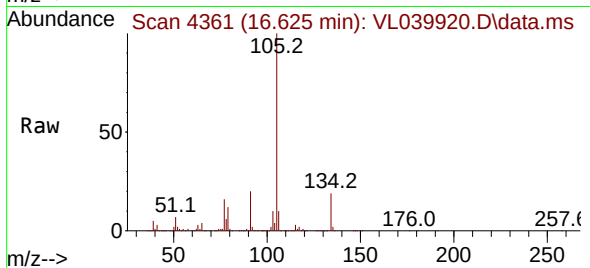
134 18.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.663 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.010 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

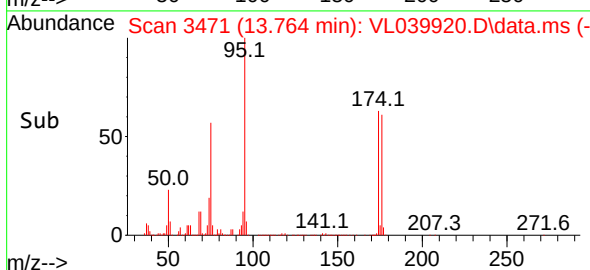
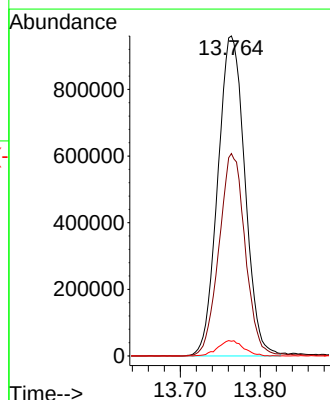
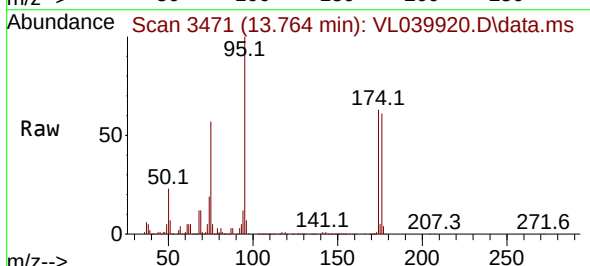
Tgt Ion: 95 Resp: 2259053

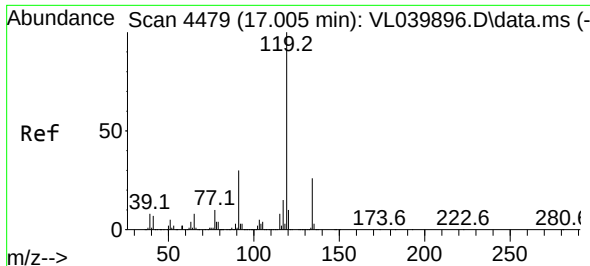
Ion Ratio Lower Upper

95 100

174 61.8 53.7 80.5

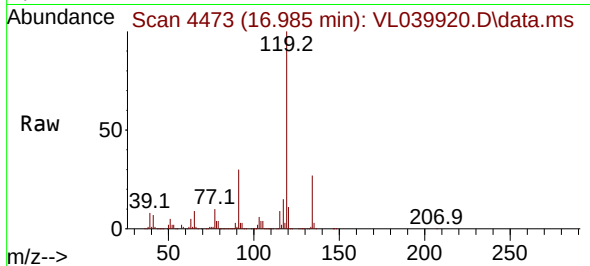
175 4.6 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.062 ppbv
RT: 16.985 min Scan# 4479
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

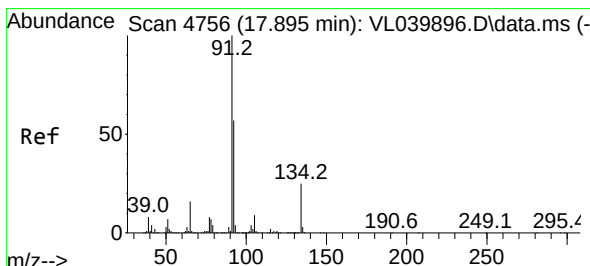
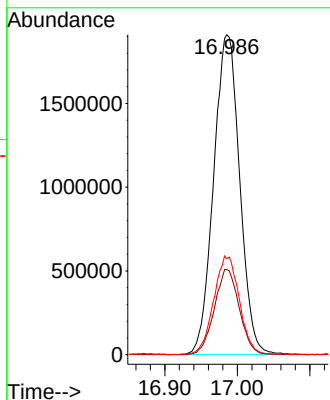
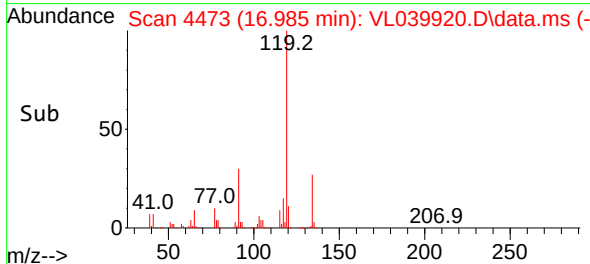
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



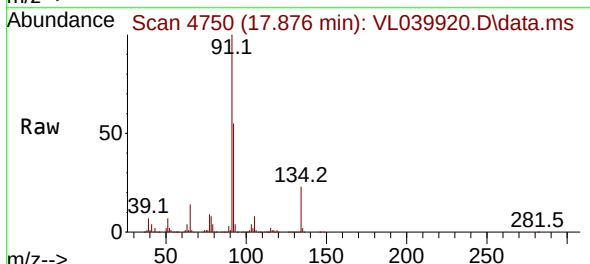
Tgt Ion:119 Resp: 4764950
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 30.3 24.4 36.6

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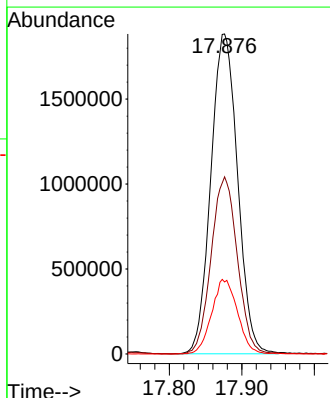
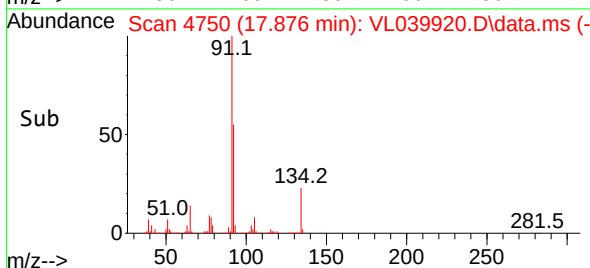
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

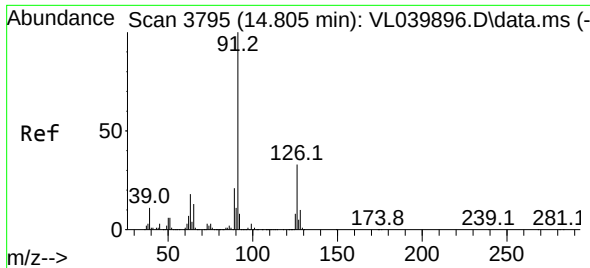


#70
n-Butylbenzene
Concen: 10.278 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



Tgt Ion: 91 Resp: 4825524
Ion Ratio Lower Upper
91 100
92 54.2 44.2 66.2
134 22.6 18.8 28.2





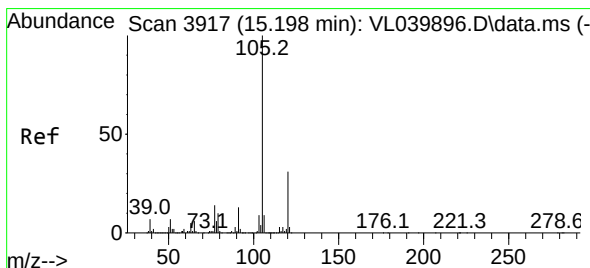
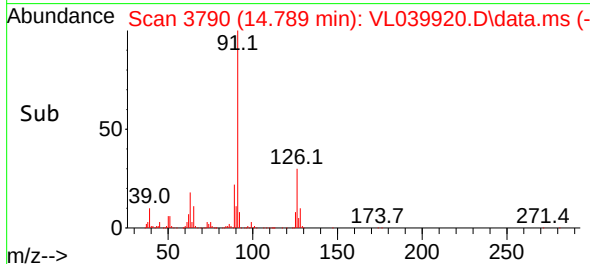
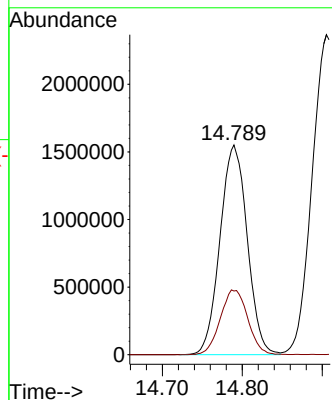
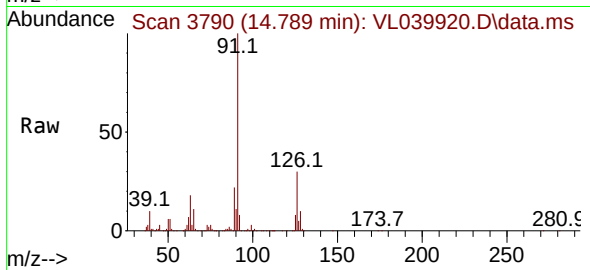
#71
2-Chlorotoluene
Concen: 10.114 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 366393
Ion Ratio Lower Upper
91 100
126 31.3 12.8 51.0

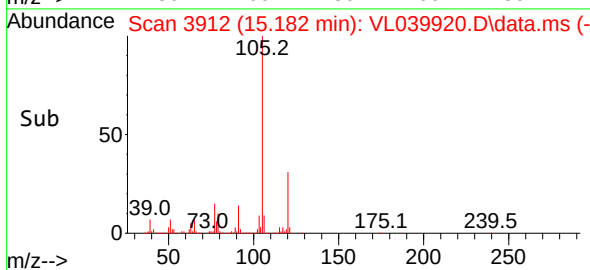
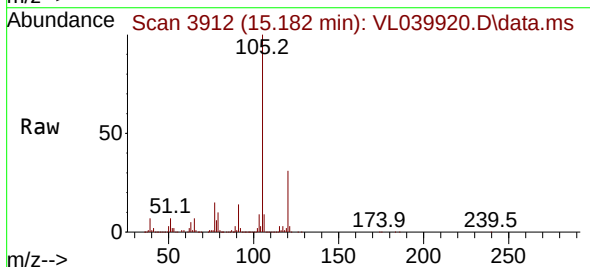
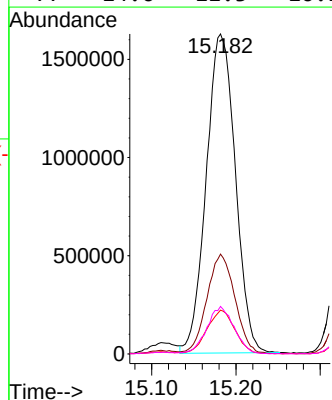
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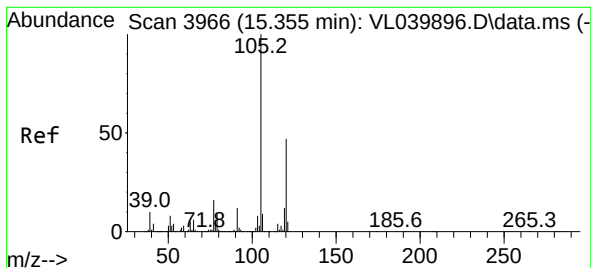
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#72
4-Ethyltoluene
Concen: 10.472 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

Tgt Ion:105 Resp: 3901324
Ion Ratio Lower Upper
105 100
120 30.4 24.5 36.7
91 13.1 10.4 15.6
77 14.6 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.172 ppbv

RT: 15.342 min Scan# 3966

Delta R.T. 0.010 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3469170

Ion Ratio Lower Upper

105 100

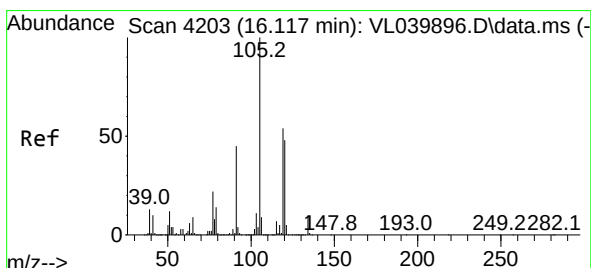
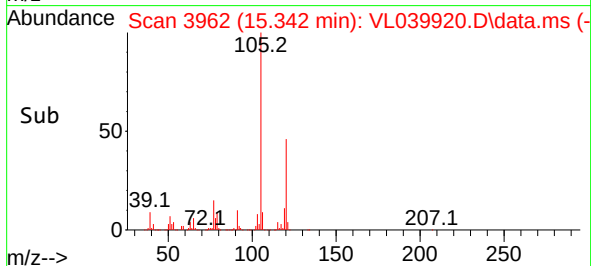
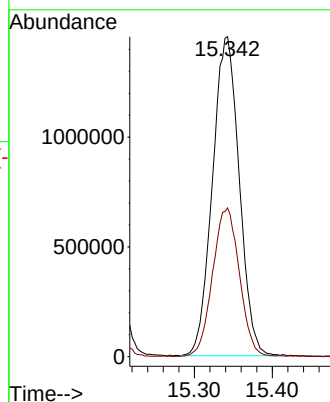
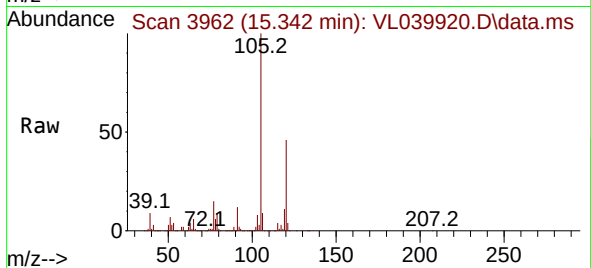
120 46.5 37.9 56.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.154 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.006 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Tgt Ion:105 Resp: 3666434

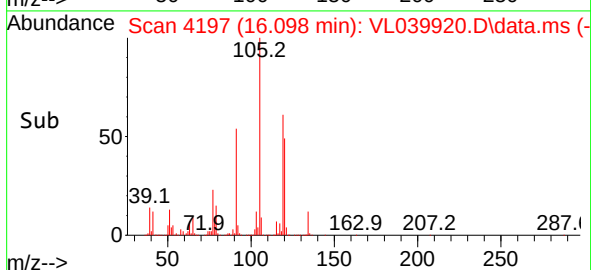
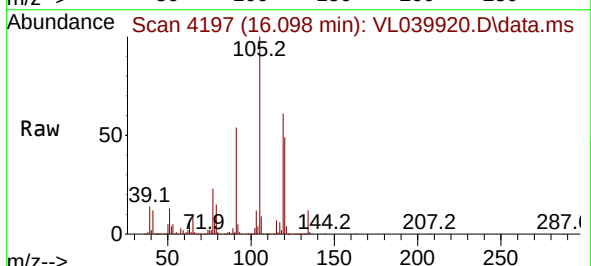
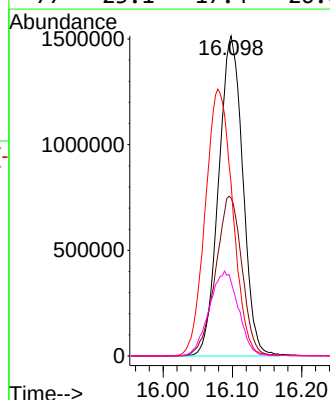
Ion Ratio Lower Upper

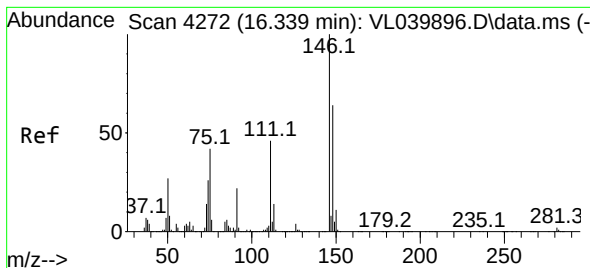
105 100

120 49.3 38.7 58.1

91 53.7 36.4 54.6

77 23.1 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 10.289 ppbv

RT: 16.320 min Scan# 4310

Delta R.T. 0.006 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 209025

Ion Ratio Lower Upper

146 100

111 48.3 23.3 69.9

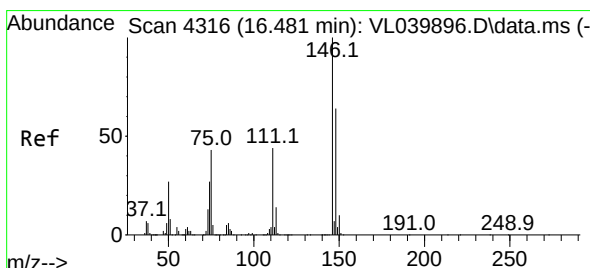
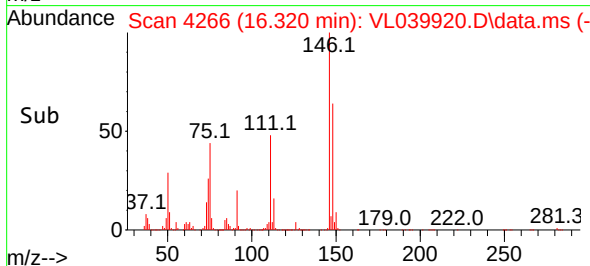
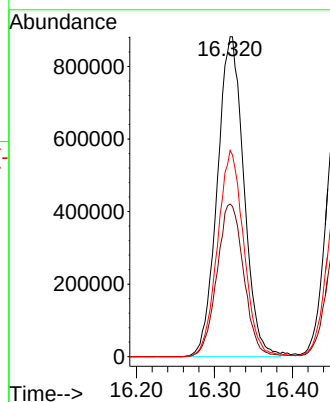
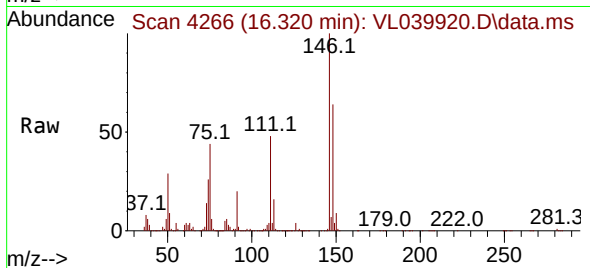
148 63.8 32.2 96.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#76

1,4-Dichlorobenzene

Concen: 10.096 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. 0.003 min

Lab File: VL039920.D

Acq: 22 Nov 2022 16:20

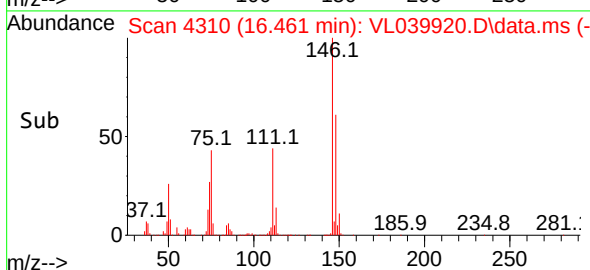
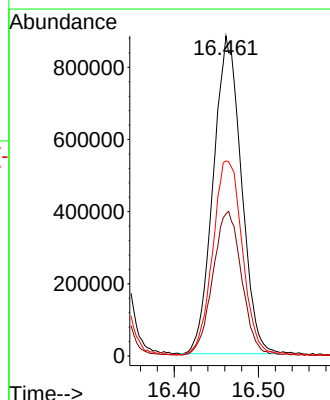
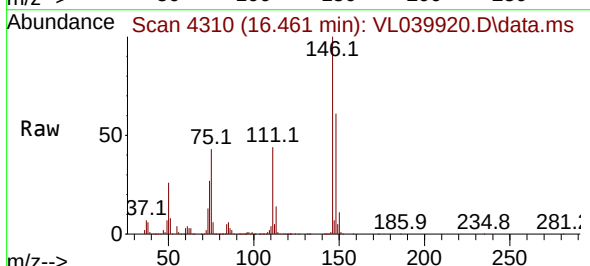
Tgt Ion:146 Resp: 2033302

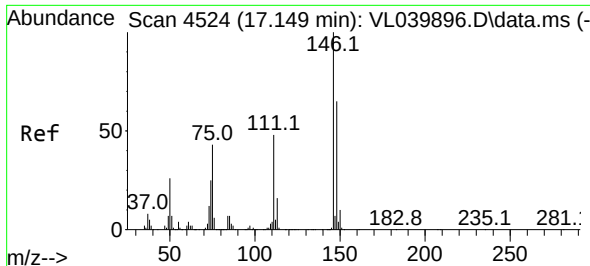
Ion Ratio Lower Upper

146 100

111 47.5 22.4 67.3

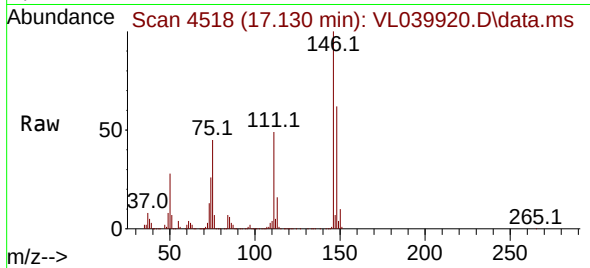
148 65.9 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 10.032 ppbv
RT: 17.130 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

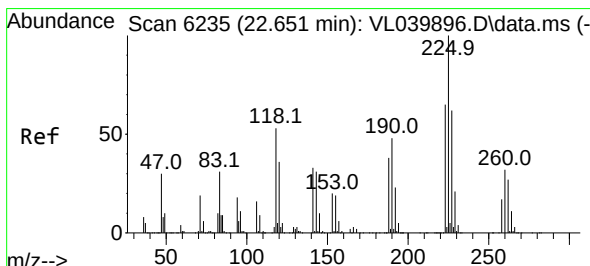
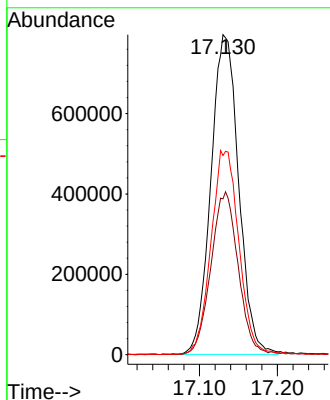
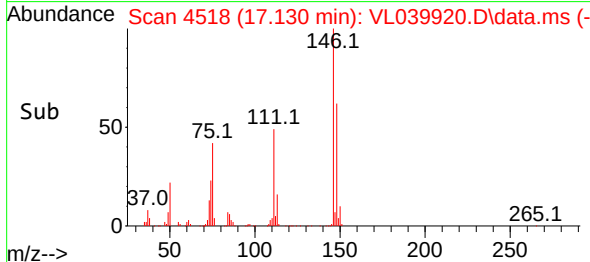
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



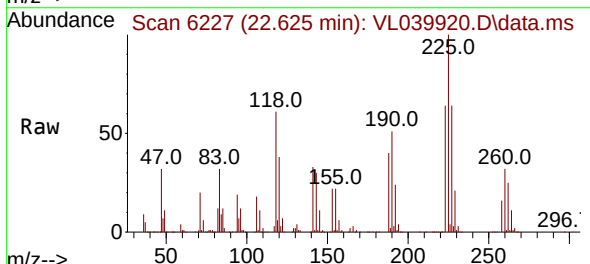
Tgt Ion:146 Resp: 1964790
Ion Ratio Lower Upper
146 100
111 50.4 24.1 72.3
148 64.5 32.4 97.2

Manual Integrations
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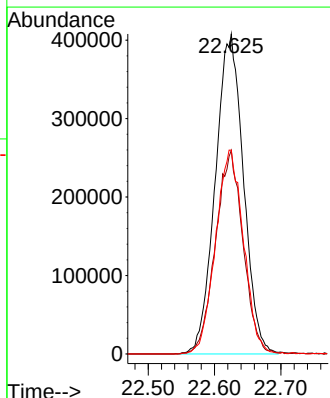
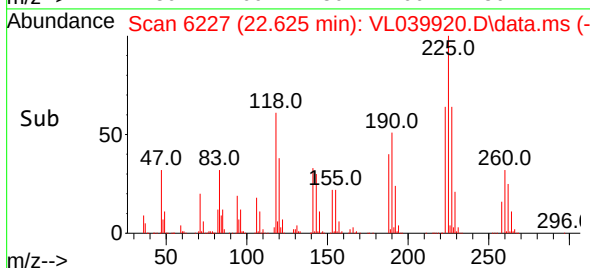
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

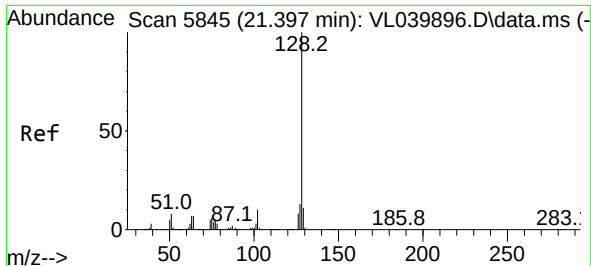


#78
Hexachloro-1,3-Butadiene
Concen: 8.843 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.000 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



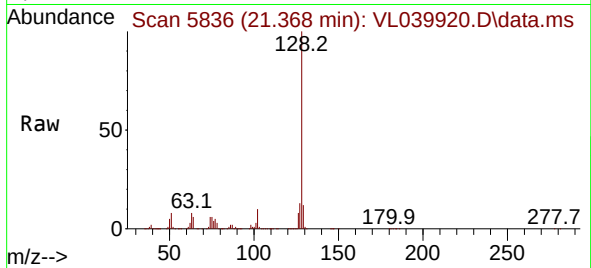
Tgt Ion:225 Resp: 1201770
Ion Ratio Lower Upper
225 100
223 62.5 50.7 76.1
227 63.2 50.8 76.2





#79
Naphthalene
Concen: 11.268 ppbv m
RT: 21.368 min Scan# 5836
Delta R.T. -0.003 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20

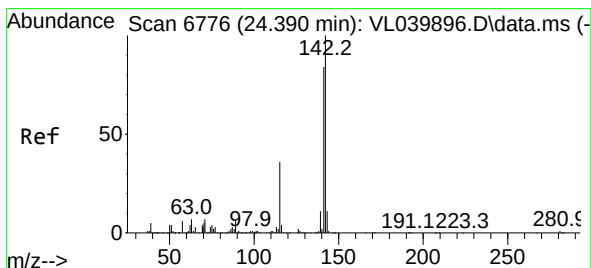
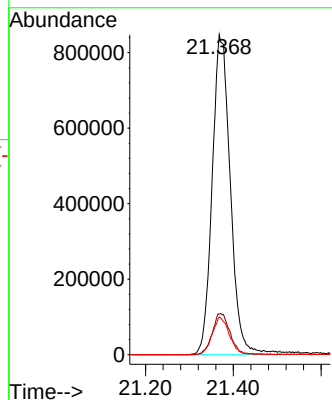
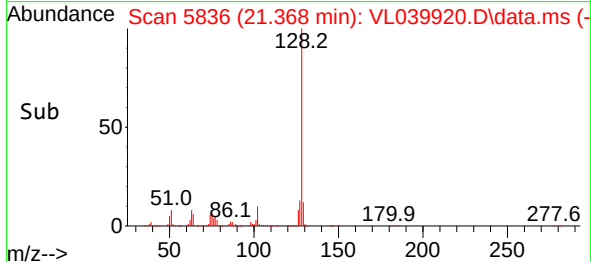
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



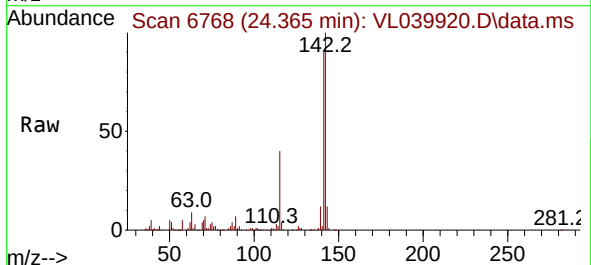
Tgt Ion:128 Resp: 2435072
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.8 8.8 13.2

Manual Integrations
APPROVED

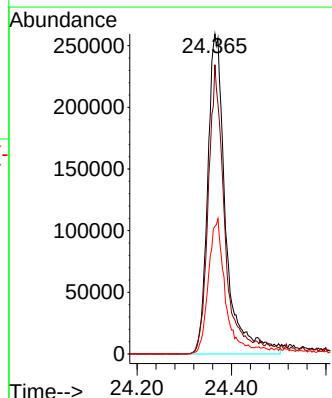
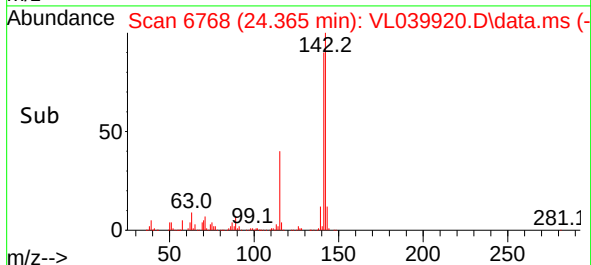
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

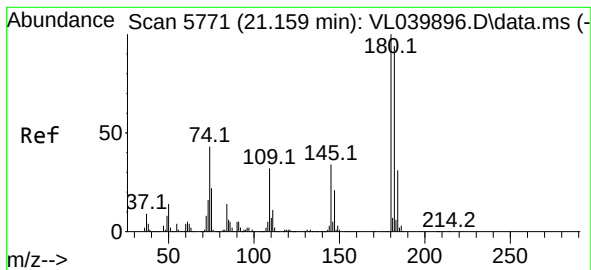


#80
Naphthalene,2-methyl-
Concen: 11.310 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039920.D
Acq: 22 Nov 2022 16:20



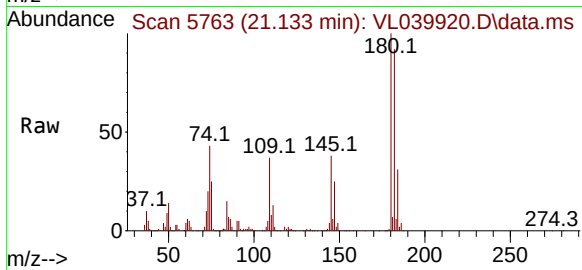
Tgt Ion:142 Resp: 687379
Ion Ratio Lower Upper
142 100
141 84.7 69.1 103.7
115 40.6 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.670 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL039920.D
 Acq: 22 Nov 2022 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1290380
 Ion Ratio Lower Upper
 180 100
 182 98.6 77.0 115.6
 184 31.3 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

