

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039548.D
 Acq On : 17 Aug 2022 14:48
 Operator : SY/AP
 Sample : VL0817ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02

Quant Time: Aug 18 05:37:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

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

Internal Standards						
1) Bromochloromethane	5.205	49	1120582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2918070	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2862988	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2144573	9.950	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	1278503	8.488	ppbv	100
3) Chlorodifluoromethane	2.697	51	1213315	9.034	ppbv	98
4) Chloromethane	2.835	50	728940	9.077	ppbv	98
5) Vinyl Chloride	2.941	62	628807	9.081	ppbv	100
6) Bromomethane	3.140	94	252530	8.907	ppbv	99
7) Chloroethane	3.218	64	233904	9.488	ppbv	98
8) Dichlorotetrafluoroethane	2.880	85	1460933	9.033	ppbv	100
9) Propene	2.716	41	582424	9.519	ppbv	99
10) Heptane	7.590	43	1400263	9.853	ppbv	100
11) Trichlorofluoromethane	3.584	101	1461108	8.832	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.086	101	1089190	8.912	ppbv	98
13) Ethanol	3.263	45	50743	11.524	ppbv	86
14) Bromoethene	3.388	108	463424	9.279	ppbv	97
15) Acetone	3.488	43	1126119	8.895	ppbv	99
16) 1,3-Butadiene	3.005	39	582099	8.853	ppbv	93
17) tert-Butyl alcohol	3.896	59	1057691	9.783	ppbv	99
18) 1,1-Dichloroethene	3.899	96	495321	8.989	ppbv	98
19) Isopropyl Alcohol	3.591	45	635404	10.269	ppbv #	100
20) Methylene Chloride	3.951	84	405339	7.863	ppbv	95
21) Allyl Chloride	4.015	41	782653	9.514	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	491835	8.984	ppbv	96
23) Vinyl Acetate	4.642	43	582687	9.154	ppbv #	97
24) 1,1-Dichloroethane	4.581	63	1031690	9.210	ppbv	100
25) Ethyl Acetate	5.218	43	2545434	9.430	ppbv	99
26) Hexane	5.224	57	1021808	9.231	ppbv	99
27) Carbon Disulfide	4.140	76	1234512	10.453	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	894890	9.194	ppbv	99
29) Chloroform	5.288	83	1558726	8.996	ppbv	97
30) Cyclohexane	6.610	84	860647	9.363	ppbv #	100
31) cis-1,2-Dichloroethene	5.092	61	1016948	9.501	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1515739	9.327	ppbv	99
34) 2-Butanone	4.803	43	1439513	9.812	ppbv	99
35) Carbon Tetrachloride	6.504	117	1564690	9.531	ppbv	98
36) Benzene	6.381	78	2179831	9.801	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1161203	9.398	ppbv	100
38) Trichloroethene	7.298	130	1192426	9.870	ppbv	96
39) 1,2-Dichloropropane	7.082	63	835462	10.023	ppbv	97
40) 1,4-Dioxane	7.298	88	324918	9.825	ppbv	97
41) Tetrahydrofuran	5.571	42	891563	10.330	ppbv	99
42) Bromodichloromethane	7.256	83	1660069	9.831	ppbv	98
43) Methyl Methacrylate	7.488	69	853307	10.596	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	3649794	9.741	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	837357	11.823	ppbv	98

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Instrument :
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 ClientSampleId :
 VL0817ABS02

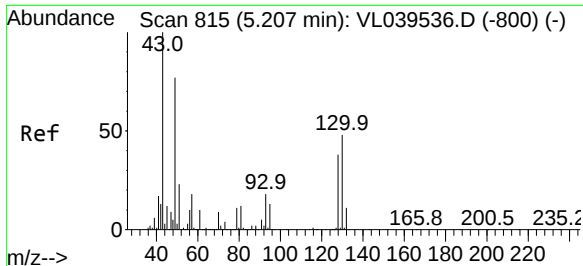
Quant Time: Aug 18 05:37:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
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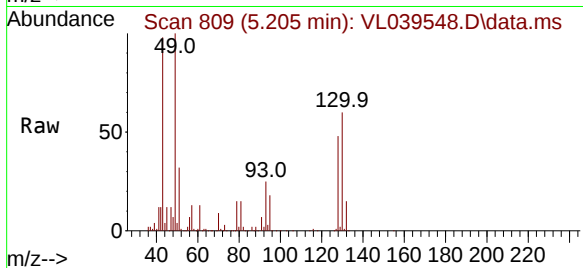
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1127825	11.573	ppbv	97
47) 1,1,2-Trichloroethane	8.909	97	892371	9.343	ppbv	100
48) Dibromochloromethane	9.716	129	1461258	10.290	ppbv	99
49) Bromoform	12.413	173	1213300	10.328	ppbv #	100
50) 4-Methyl-2-Pentanone	8.188	43	2274848	10.078	ppbv	99
51) 2-Hexanone	9.558	43	1761249	10.586	ppbv #	99
52) Tetrachloroethene	10.619	164	811038	9.310	ppbv	97
53) Toluene	9.227	91	2538568	10.188	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1078304	9.897	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1068598	9.068	ppbv	99
57) Chlorobenzene	11.532	112	1917923	8.910	ppbv	97
58) Ethyl Benzene	12.092	91	3314667	9.998	ppbv	100
59) m/p-Xylene	12.378	91	5607965m	18.813	ppbv	
60) o-Xylene	13.063	91	2672017	9.349	ppbv	99
61) Styrene	12.902	104	1644528	10.786	ppbv	100
62) Isopropylbenzene	14.037	105	3904031	9.027	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	1096781	7.632	ppbv	100
64) n-propylbenzene	14.921	120	1003500	8.898	ppbv	97
65) tert-Butylbenzene	16.098	119	3414586	8.855	ppbv	100
66) Benzyl Chloride	16.333	91	314679	9.510	ppbv #	90
67) sec-Butylbenzene	16.641	105	4773275	8.765	ppbv	100
69) p-Isopropyltoluene	16.998	119	4021656	8.865	ppbv	100
70) n-Butylbenzene	17.892	91	3972433	8.820	ppbv	100
71) 2-Chlorotoluene	14.802	91	2868196	9.151	ppbv	99
72) 4-Ethyltoluene	15.198	105	3145866	9.369	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.359	105	2796233	9.118	ppbv	98
74) 1,2,4-Trimethylbenzene	16.111	105	3023476	8.843	ppbv	99
75) 1,3-Dichlorobenzene	16.333	146	1791934	8.627	ppbv	100
76) 1,4-Dichlorobenzene	16.477	146	1738913	8.360	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1715763	8.430	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1416732	8.763	ppbv #	100
79) Naphthalene	21.384	128	2991267	12.287	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	1336933	13.897	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.143	180	1652208	10.182	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
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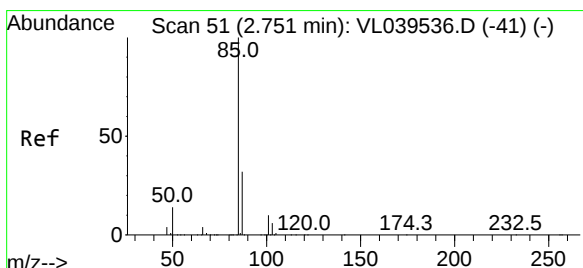
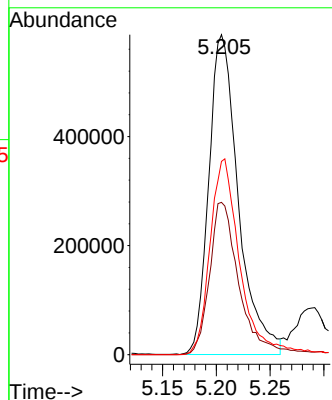
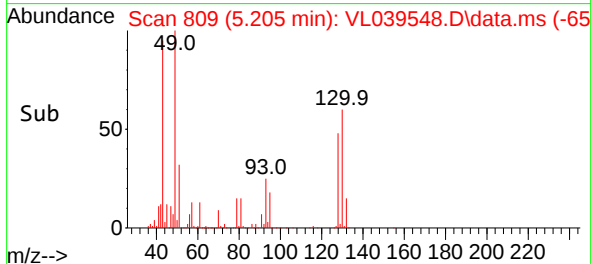
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 49 Resp: 112058
Ion Ratio Lower Upper
49 100
128 48.9 25.7 77.0
130 62.8 31.6 95.0

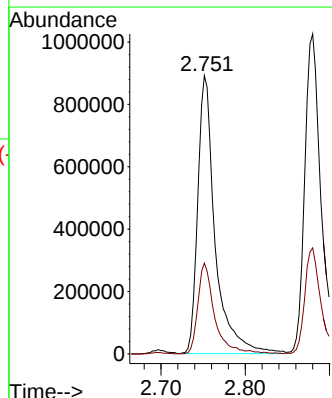
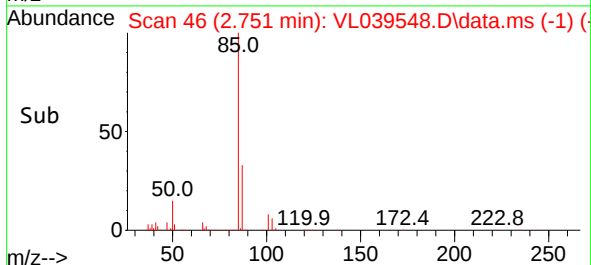
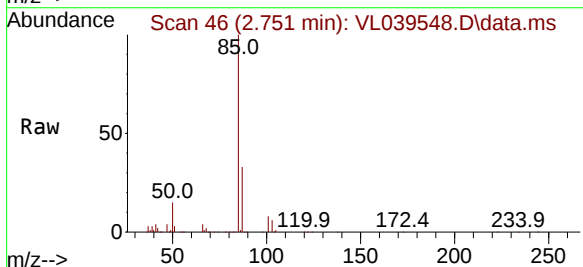
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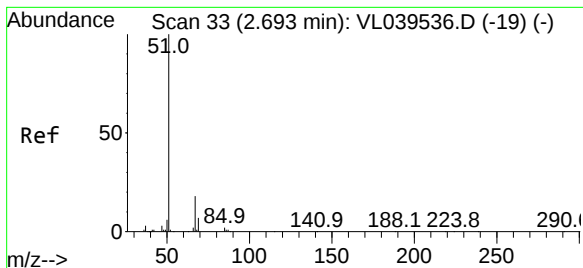
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 8.488 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

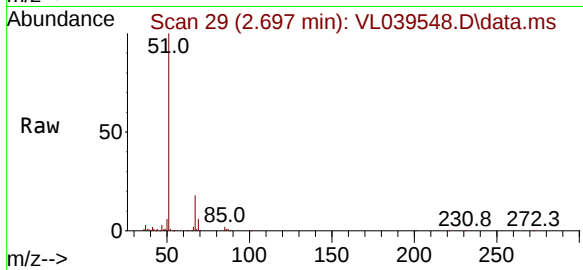
Tgt Ion: 85 Resp: 1278503
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.034 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

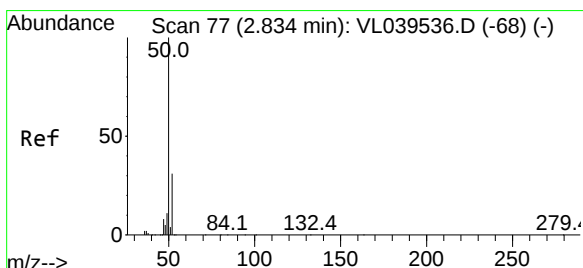
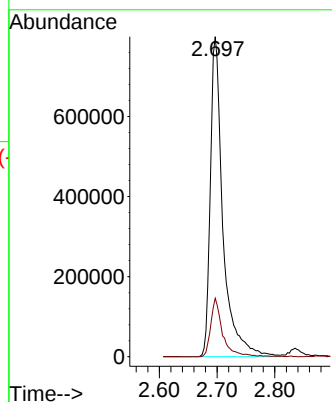
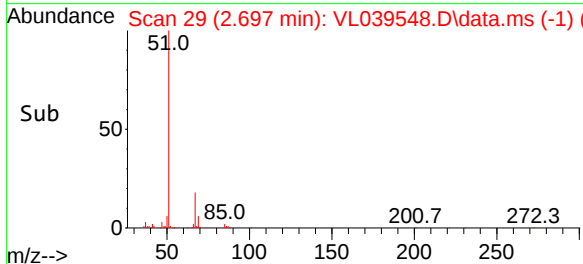
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



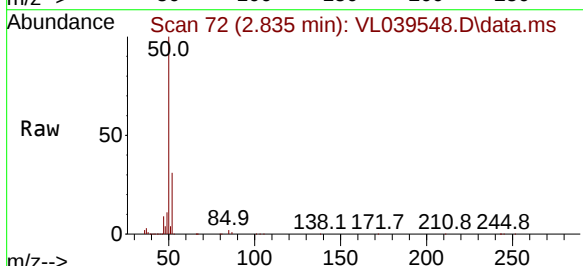
Tgt Ion: 51 Resp: 121331
Ion Ratio Lower Upper
51 100
67 17.4 14.7 22.1

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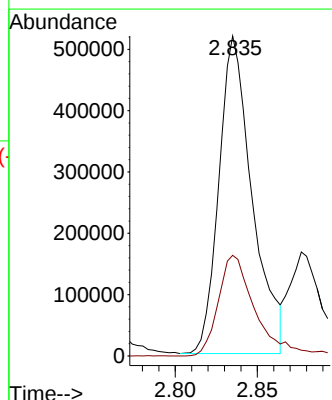
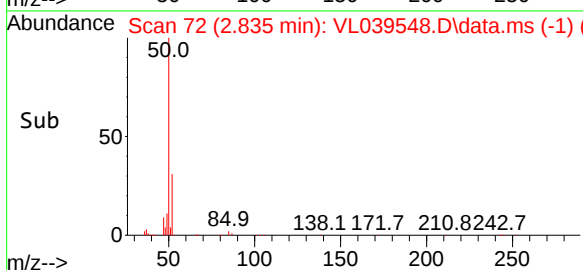
Reviewed By :Semsettin Yesilyurt 08/18/2022
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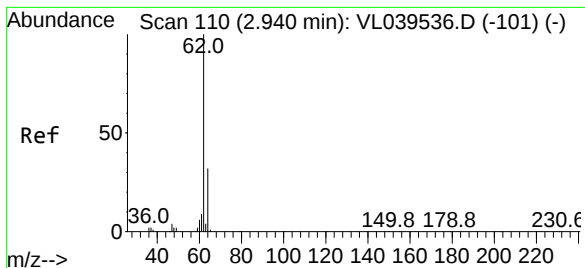


#4
Chloromethane
Concen: 9.077 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



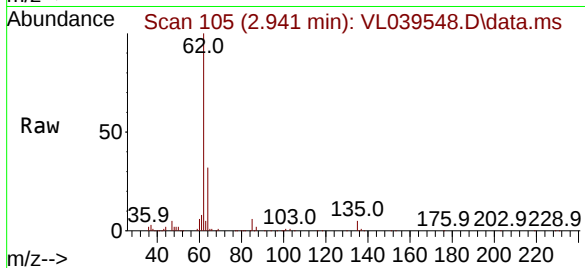
Tgt Ion: 50 Resp: 728940
Ion Ratio Lower Upper
50 100
52 31.7 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.081 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

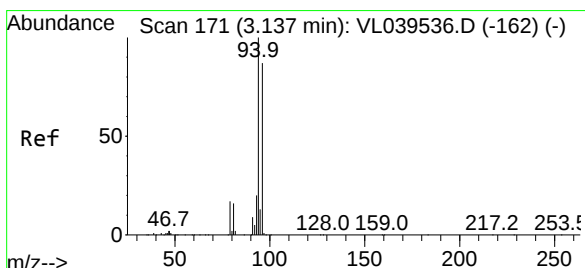
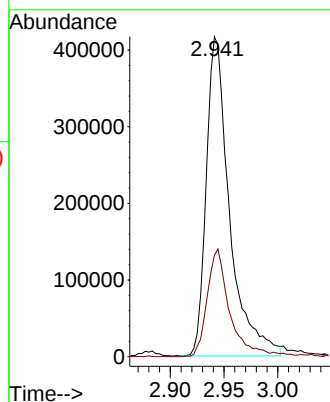
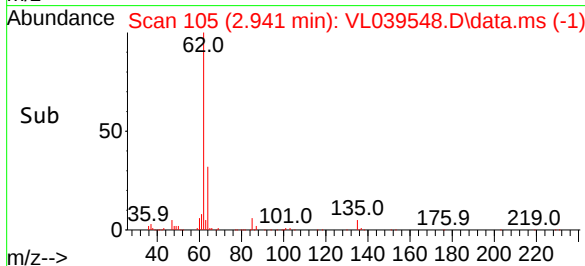
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02



Tgt Ion: 62 Resp: 62880
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.5 38.3

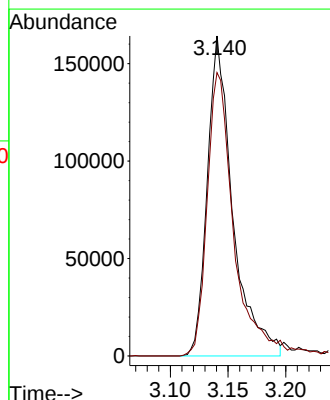
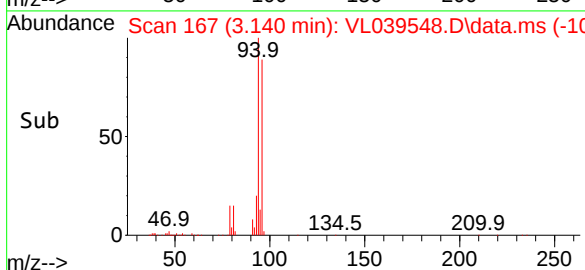
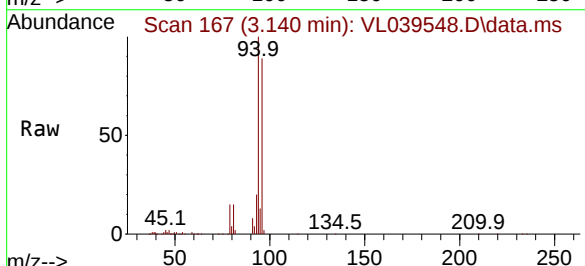
Manual Integrations
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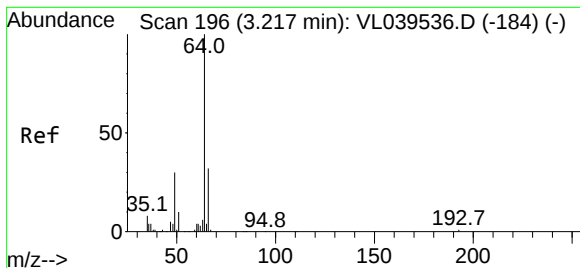
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#6
 Bromomethane
 Concen: 8.907 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Tgt Ion: 94 Resp: 252530
 Ion Ratio Lower Upper
 94 100
 96 88.5 69.8 104.6





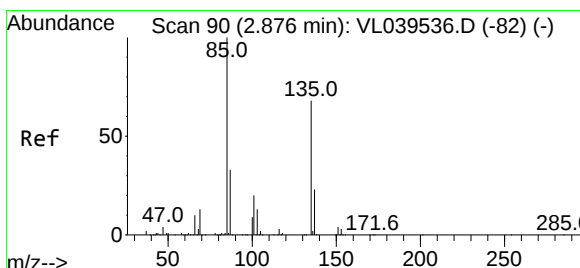
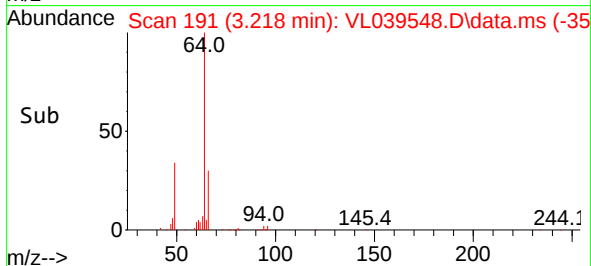
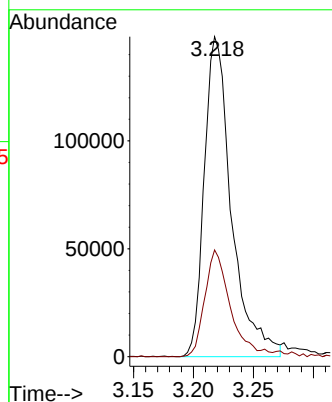
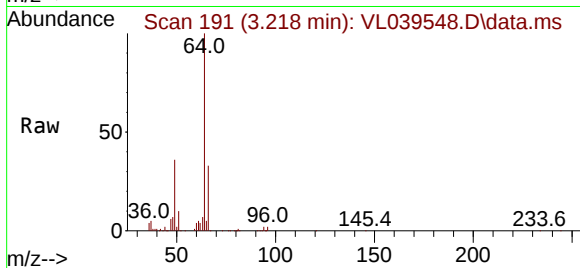
#7
Chloroethane
Concen: 9.488 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 233904
Ion Ratio Lower Upper
64 100
66 33.3 25.6 38.4

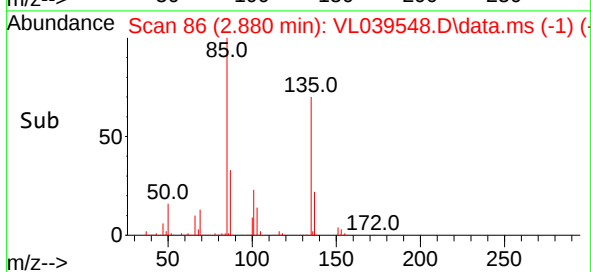
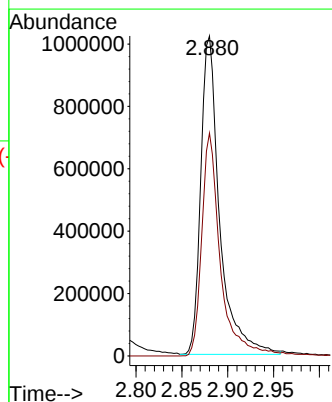
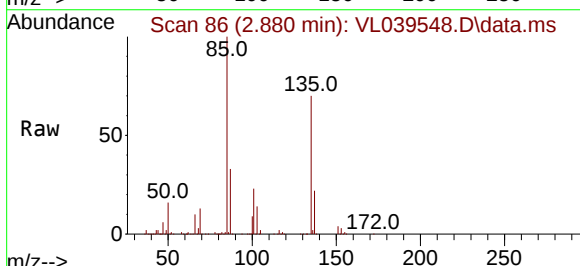
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#8
Dichlorotetrafluoroethane
Concen: 9.033 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

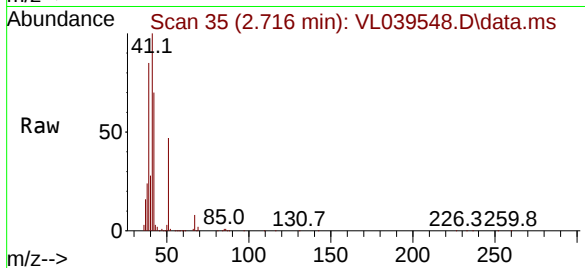
Tgt Ion: 85 Resp: 1460933
Ion Ratio Lower Upper
85 100
135 70.1 56.3 84.5





#9
 Propene
 Concen: 9.519 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

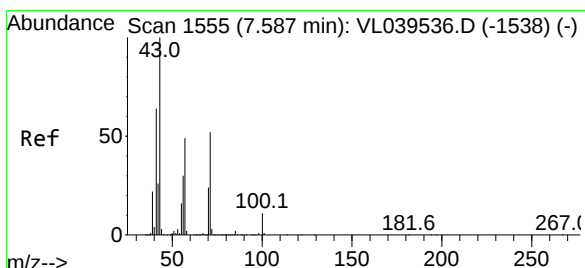
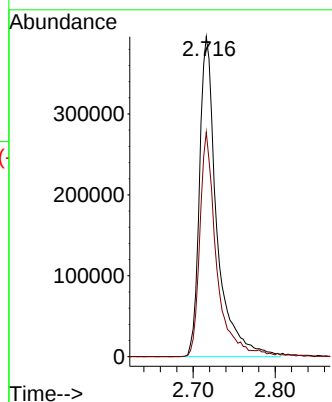
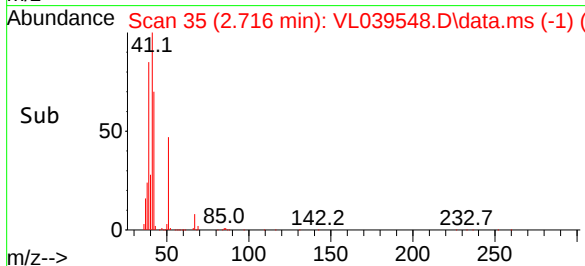
Instrument :
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 ClientSampleId :
 VL0817ABS02



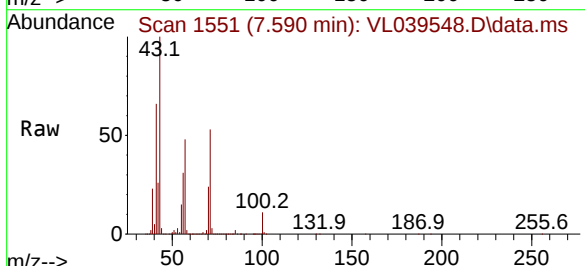
Tgt Ion: 41 Resp: 582424
 Ion Ratio Lower Upper
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 42 68.4 55.4 83.0

Manual Integrations
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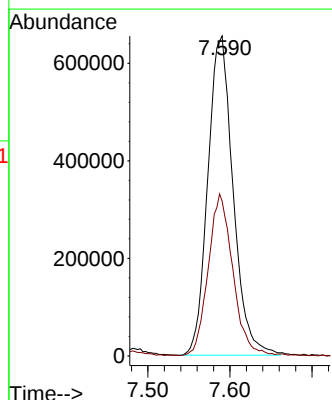
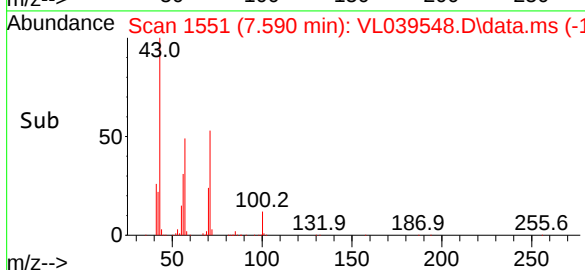
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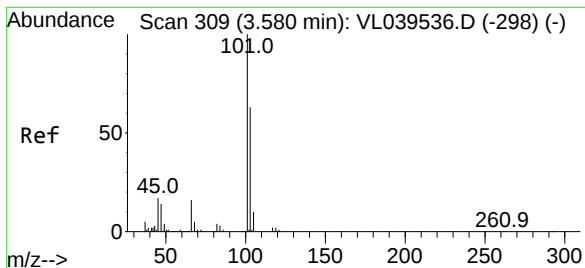


#10
 Heptane
 Concen: 9.853 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48



Tgt Ion: 43 Resp: 1400263
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.8 59.6





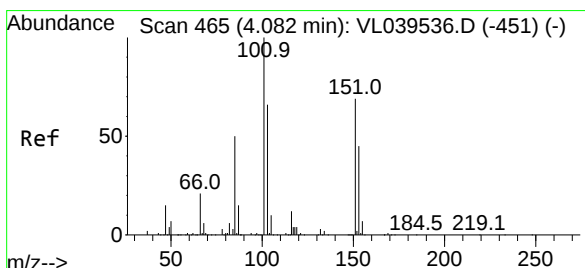
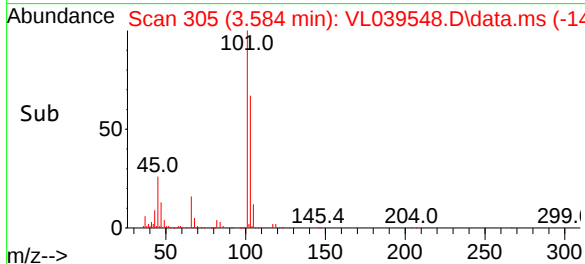
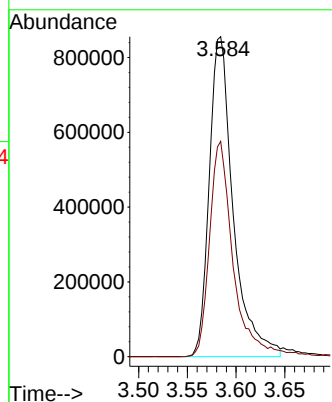
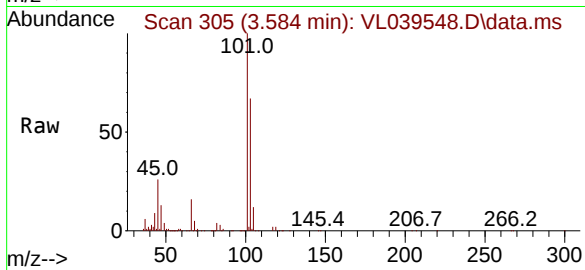
#11
Trichlorofluoromethane
Concen: 8.832 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:101 Resp: 1461108
Ion Ratio Lower Upper
101 100
103 67.3 50.6 76.0

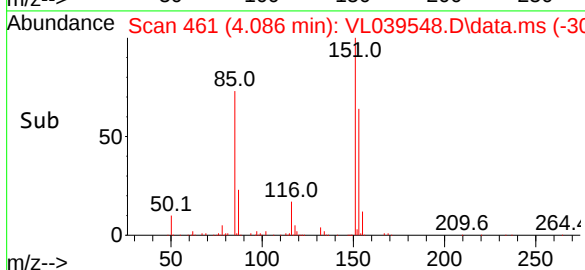
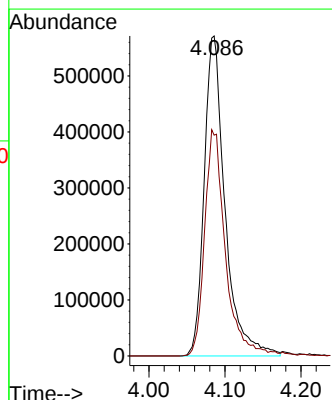
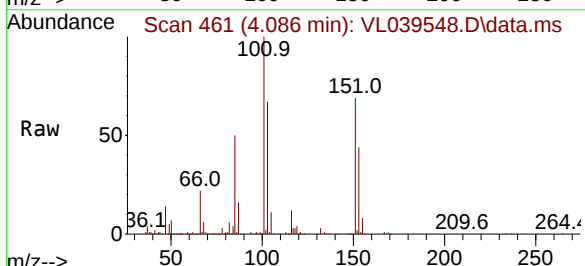
Manual Integrations
APPROVED

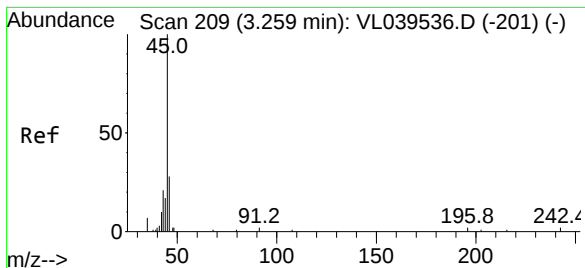
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.912 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

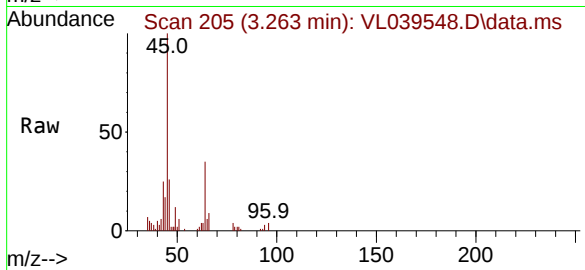
Tgt Ion:101 Resp: 1089190
Ion Ratio Lower Upper
101 100
151 71.3 58.6 87.8





#13
Ethanol
Concen: 11.524 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

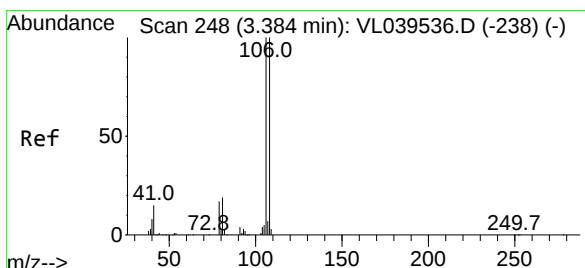
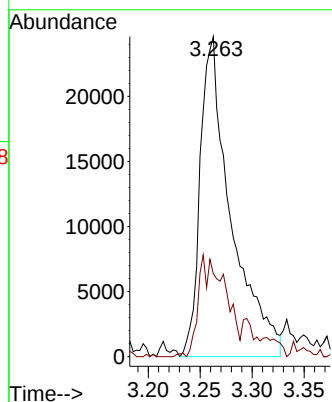
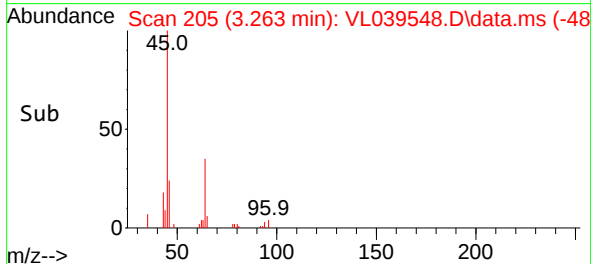
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



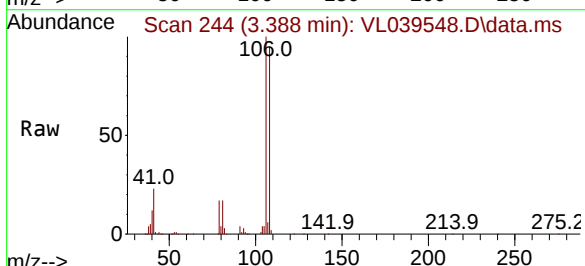
Tgt Ion: 45 Resp: 5074
Ion Ratio Lower Upper
45 100
46 38.8 19.3 77.1

Manual Integrations
APPROVED

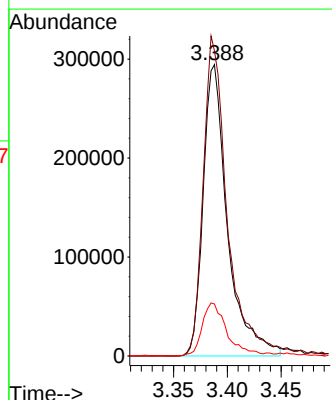
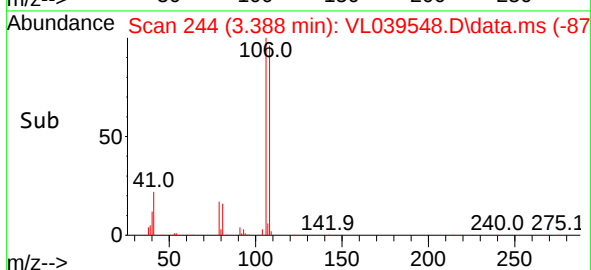
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

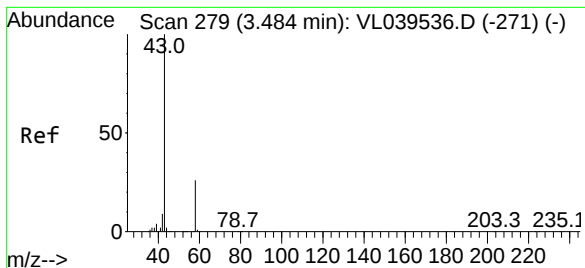


#14
Bromoethene
Concen: 9.279 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



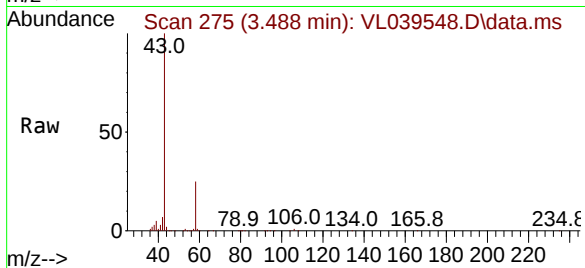
Tgt Ion:108 Resp: 463424
Ion Ratio Lower Upper
108 100
106 111.6 86.6 130.0
79 19.9 15.1 22.7





#15
Acetone
Concen: 8.895 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

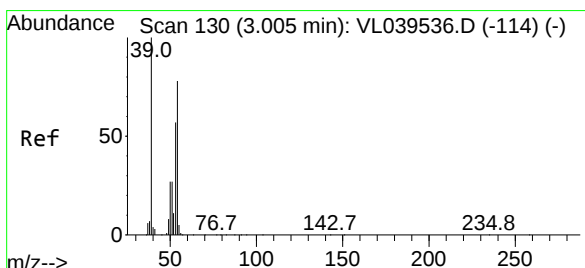
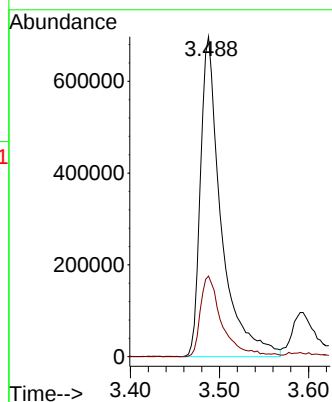
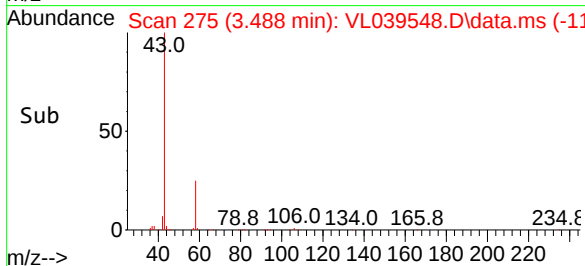
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 43 Resp: 1126119
Ion Ratio Lower Upper
43 100
58 26.4 20.7 31.1

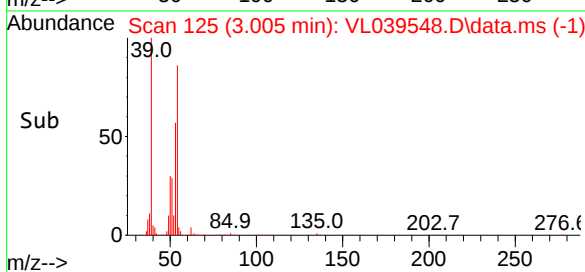
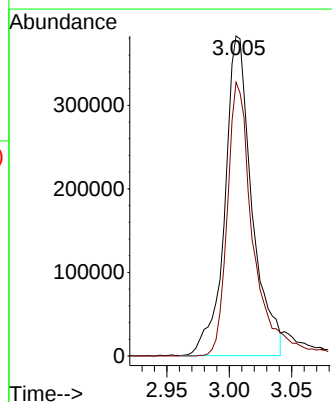
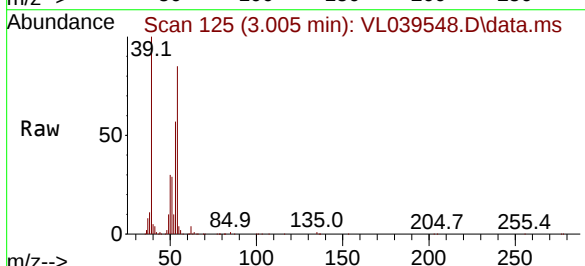
Manual Integrations
APPROVED

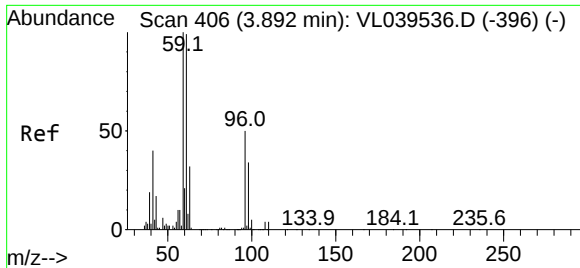
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#16
1,3-Butadiene
Concen: 8.853 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 39 Resp: 582099
Ion Ratio Lower Upper
39 100
54 83.1 61.8 92.8





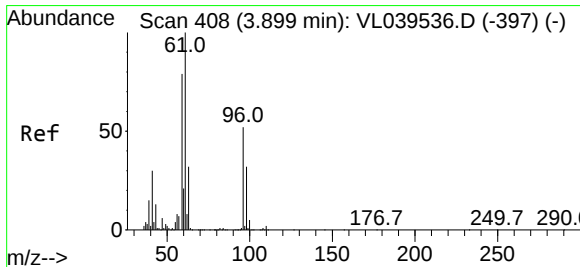
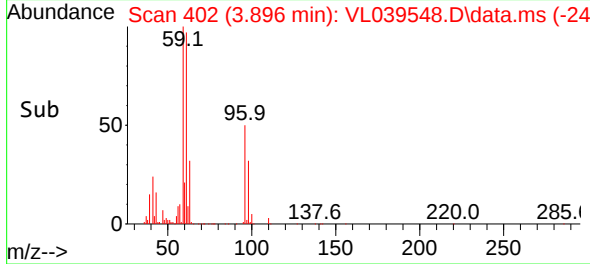
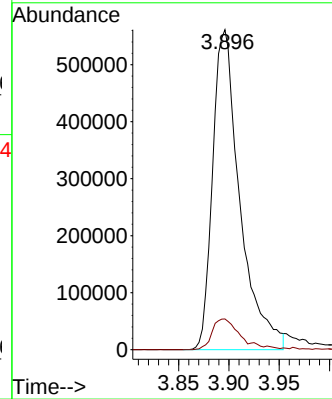
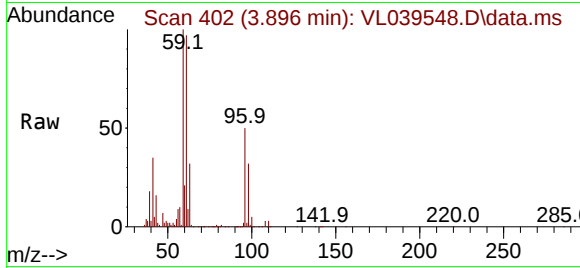
#17
tert-Butyl alcohol
Concen: 9.783 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument : MSVOA_L
ClientSampleId : VL0817ABS02

Tgt Ion: 59 Resp: 105769
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

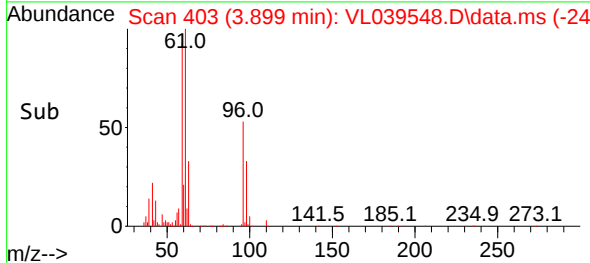
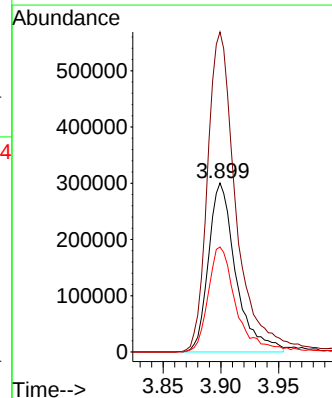
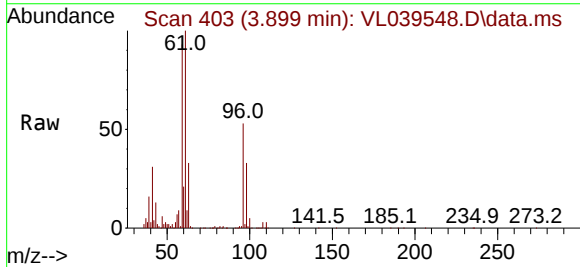
Manual Integrations
APPROVED

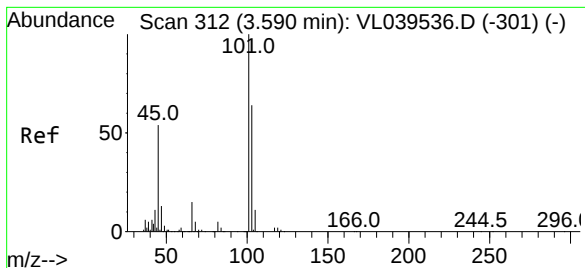
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 8.989 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 96 Resp: 495321
Ion Ratio Lower Upper
96 100
61 189.1 153.8 230.6
98 62.1 48.6 73.0





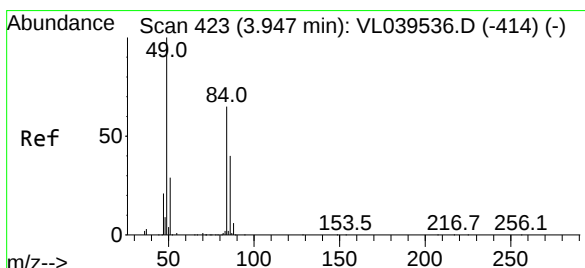
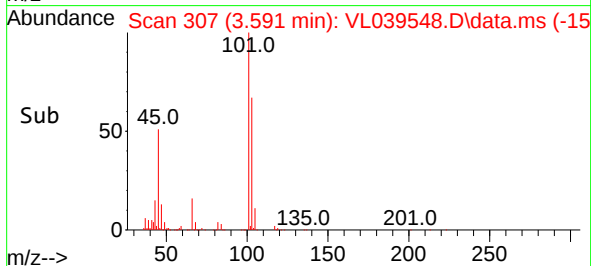
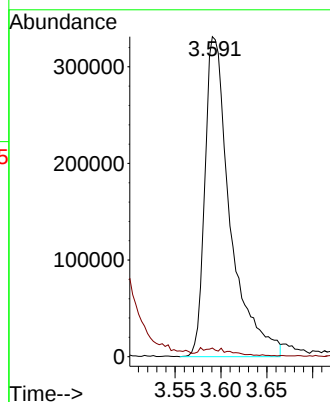
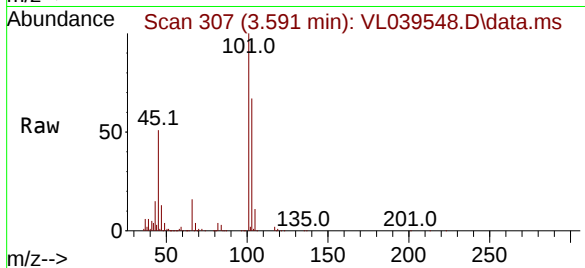
#19
Isopropyl Alcohol
Concen: 10.269 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 45 Resp: 635404
Ion Ratio Lower Upper
45 100
58 3.9 0.0 0.0

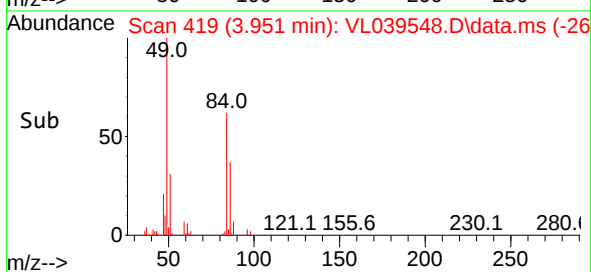
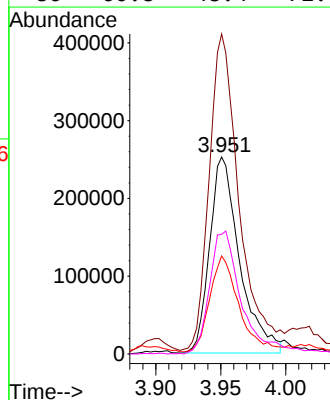
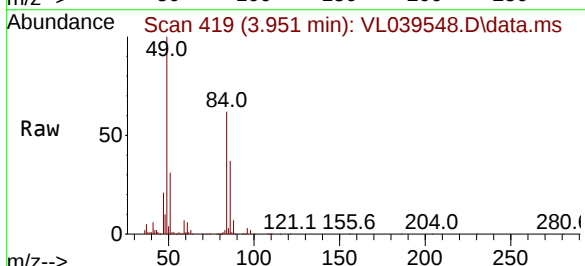
Manual Integrations
APPROVED

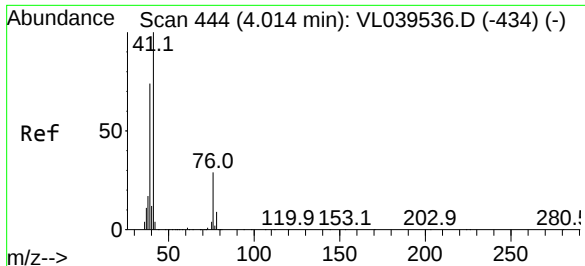
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 7.863 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

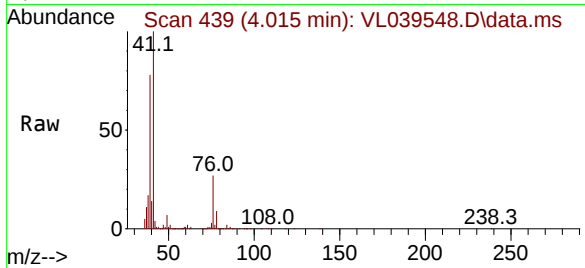
Tgt Ion: 84 Resp: 405339
Ion Ratio Lower Upper
84 100
49 161.4 122.2 183.4
51 48.9 35.8 53.6
86 60.8 48.4 72.6





#21
 Allyl Chloride
 Concen: 9.514 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

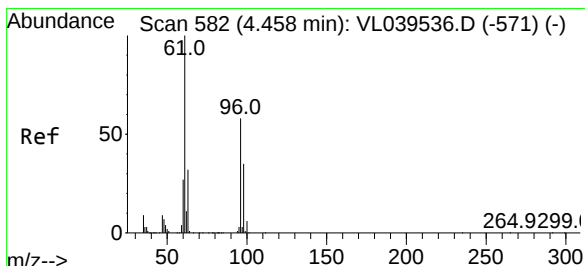
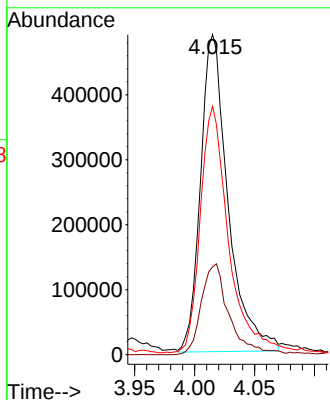
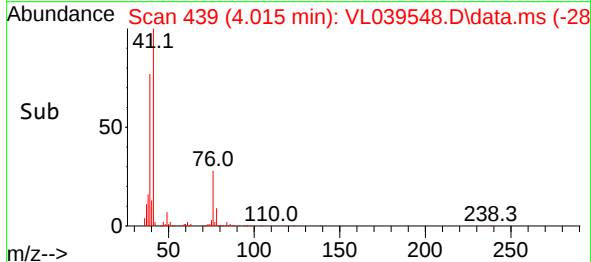
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02



Tgt Ion: 41 Resp: 78265
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.1 34.7
 39 80.4 63.4 95.2

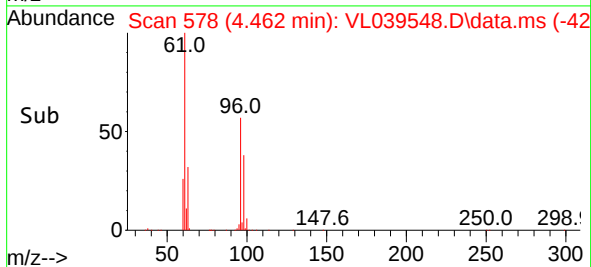
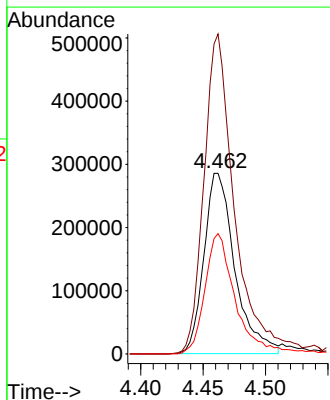
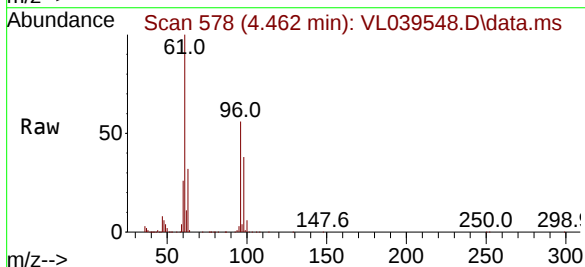
Manual Integrations
 APPROVED

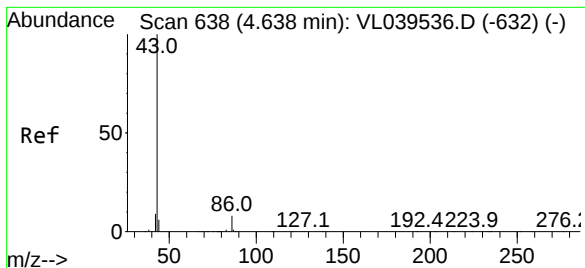
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.984 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Tgt Ion: 96 Resp: 491835
 Ion Ratio Lower Upper
 96 100
 61 176.7 138.1 207.1
 98 66.6 48.8 73.2





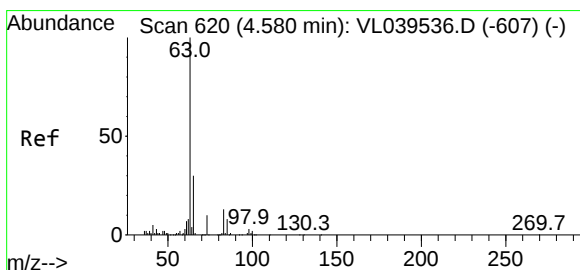
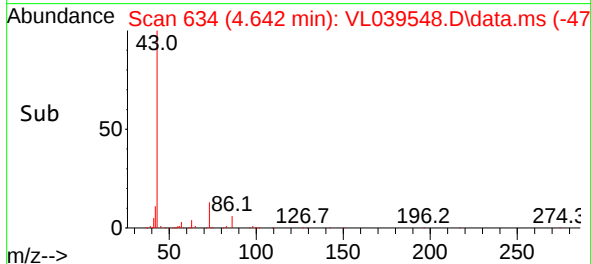
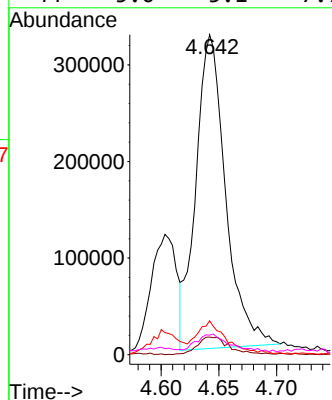
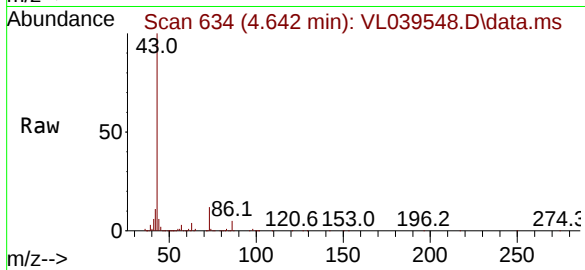
#23
 Vinyl Acetate
 Concen: 9.154 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02

Tgt Ion: 43 Resp: 58268
 Ion Ratio Lower Upper
 43 100
 86 5.4 5.3 7.9
 42 10.3 8.7 13.1
 44 5.0 5.1 7.7#

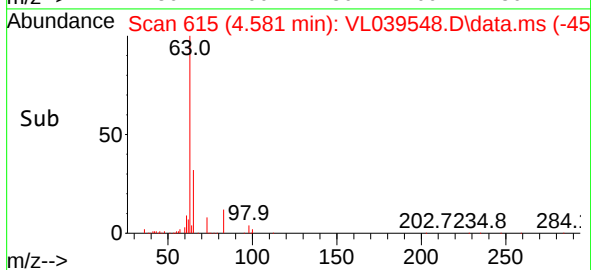
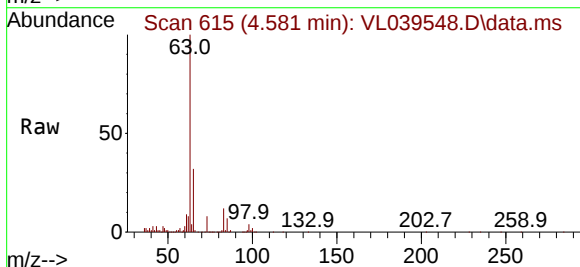
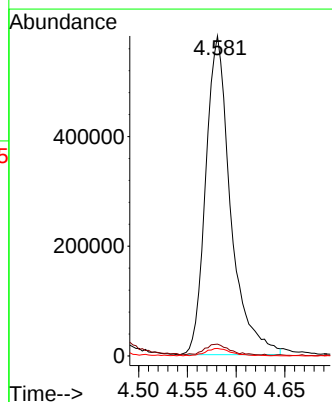
Manual Integrations
 APPROVED

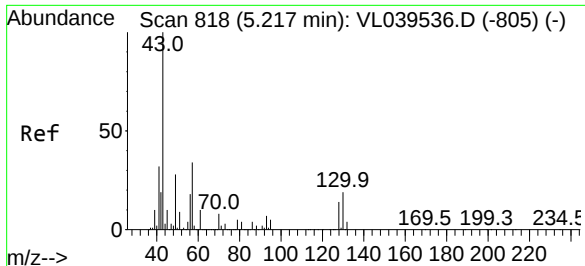
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#24
 1,1-Dichloroethane
 Concen: 9.210 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Tgt Ion: 63 Resp: 1031690
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.7 5.0
 100 2.3 1.1 3.3





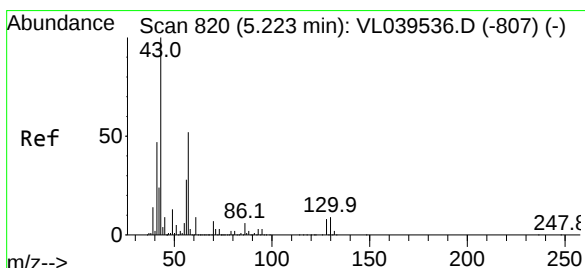
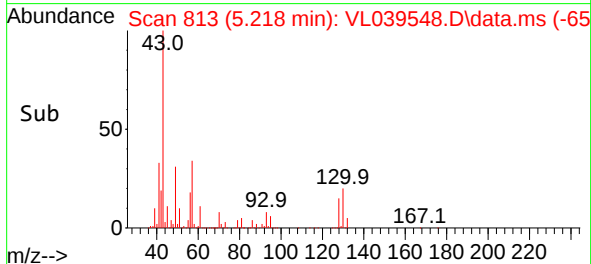
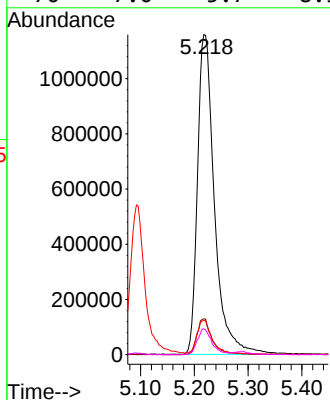
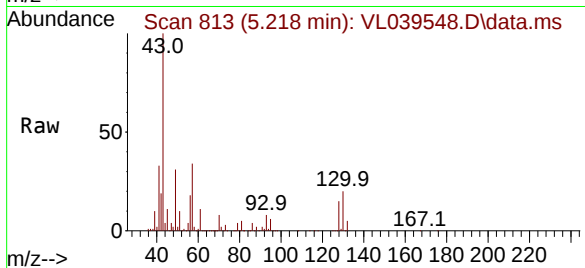
#25
Ethyl Acetate
Concen: 9.430 ppbv
RT: 5.218 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 43 Resp: 2545434
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 9.6 8.6 12.8
70 7.0 5.7 8.5

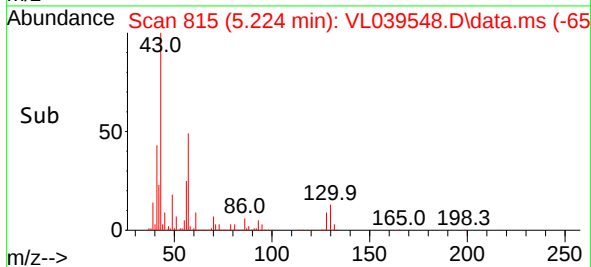
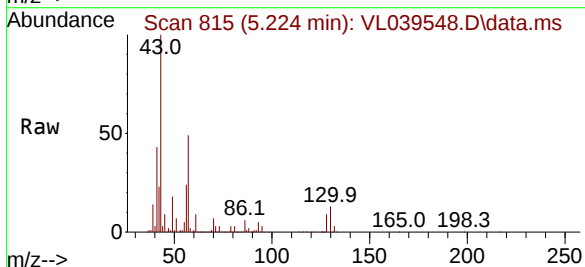
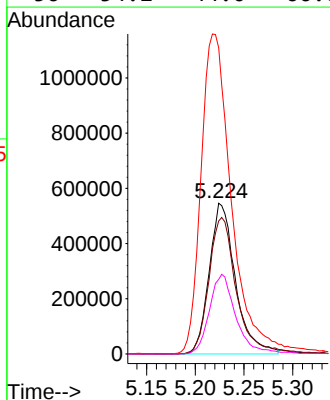
Manual Integrations
APPROVED

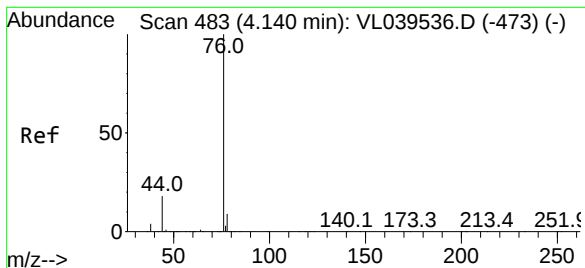
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#26
Hexane
Concen: 9.231 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

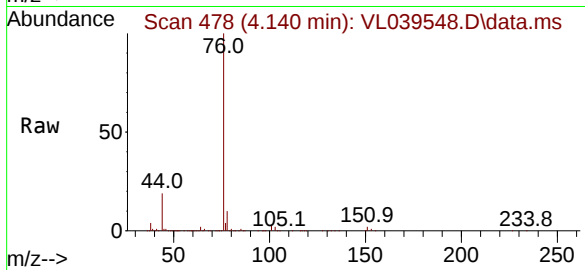
Tgt Ion: 57 Resp: 1021808
Ion Ratio Lower Upper
57 100
41 96.5 79.4 119.2
43 251.2 199.7 299.5
56 54.2 44.0 66.0





#27
Carbon Disulfide
Concen: 10.453 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

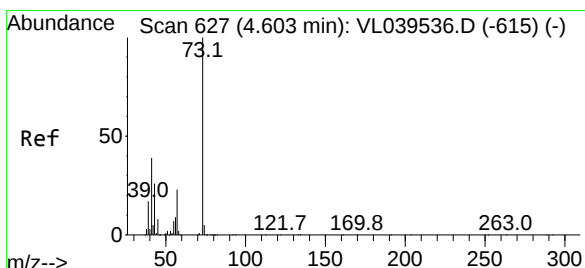
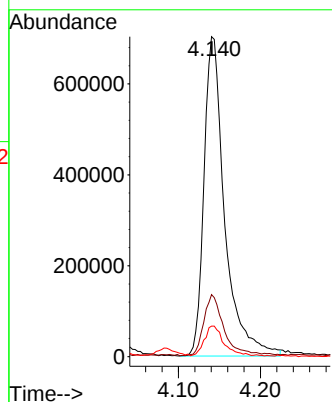
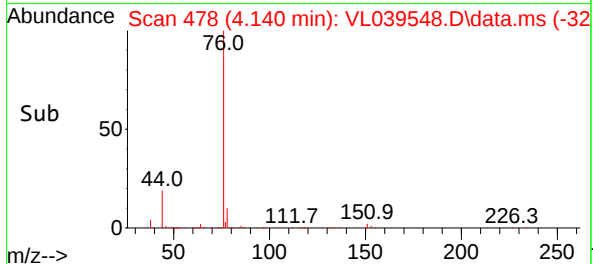
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



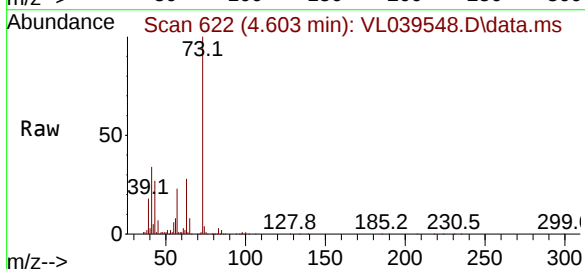
Tgt Ion: 76 Resp: 123451
Ion Ratio Lower Upper
76 100
44 19.2 16.3 24.5
78 10.0 7.8 11.6

Manual Integrations
APPROVED

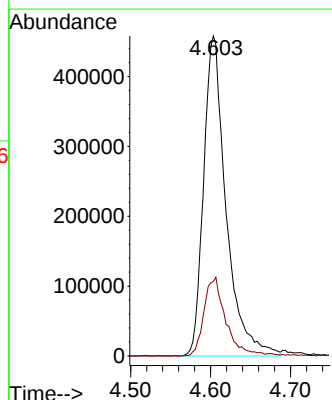
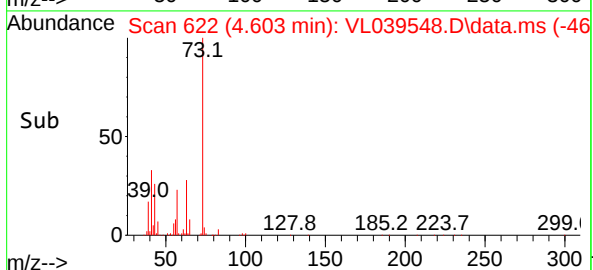
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

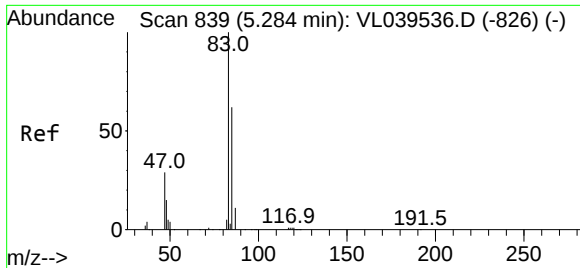


#28
Methyl tert-Butyl Ether
Concen: 9.194 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



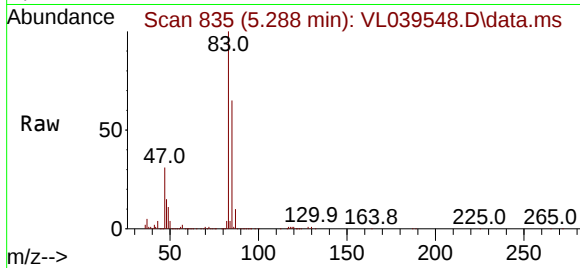
Tgt Ion: 73 Resp: 894890
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.6





#29
Chloroform
Concen: 8.996 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

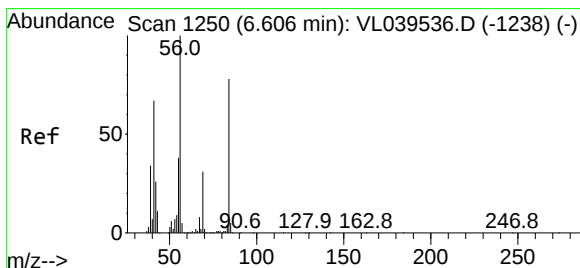
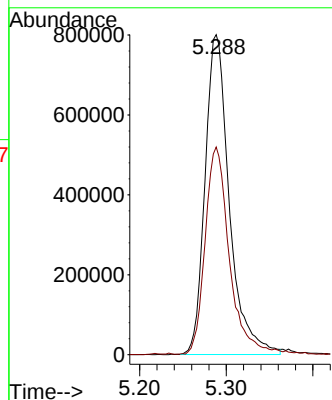
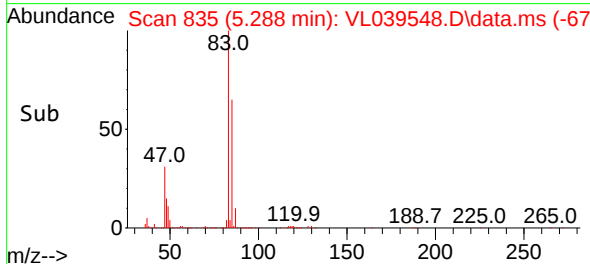
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



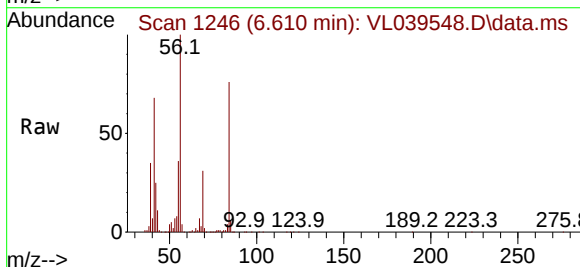
Tgt Ion: 83 Resp: 1558720
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.8

Manual Integrations
APPROVED

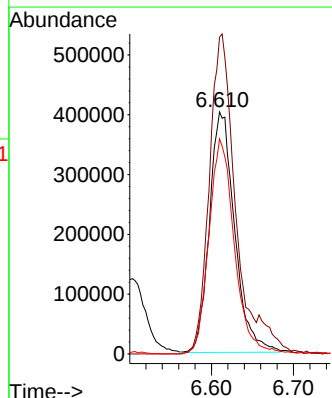
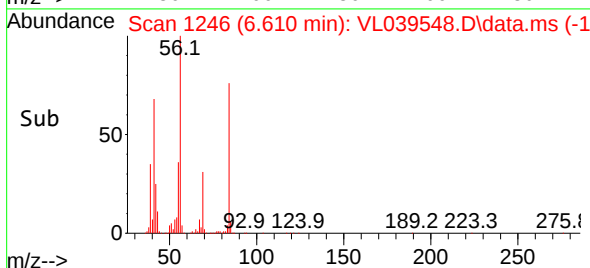
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

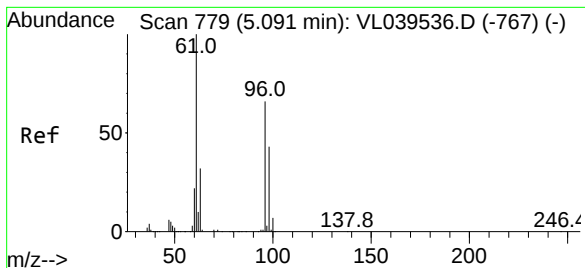


#30
Cyclohexane
Concen: 9.363 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



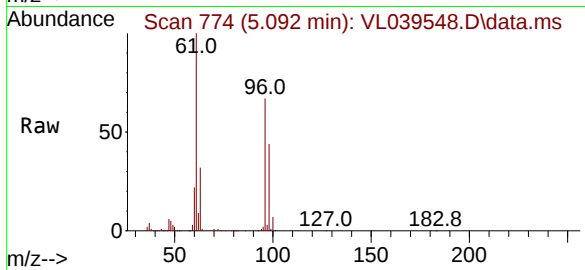
Tgt Ion: 84 Resp: 860647
Ion Ratio Lower Upper
84 100
56 141.3 0.0 0.0#
41 90.4 0.0 0.0#





#31
 cis-1,2-Dichloroethene
 Concen: 9.501 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

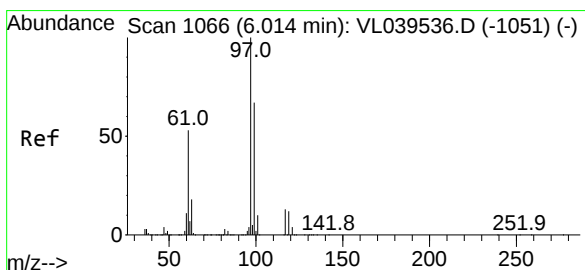
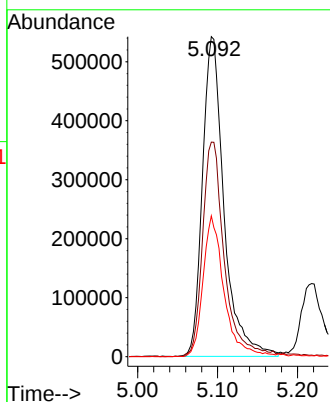
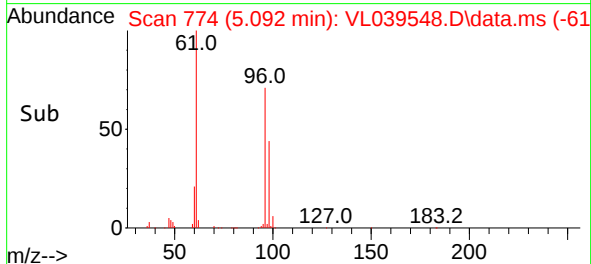
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02



Tgt Ion: 61 Resp: 1016948
 Ion Ratio Lower Upper
 61 100
 96 67.1 52.9 79.3
 98 44.0 34.5 51.7

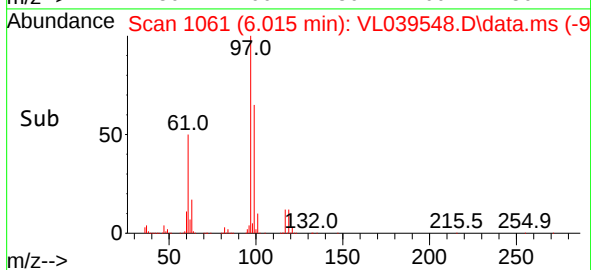
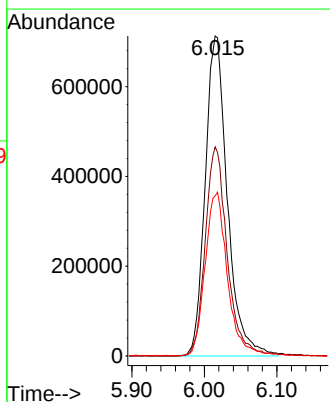
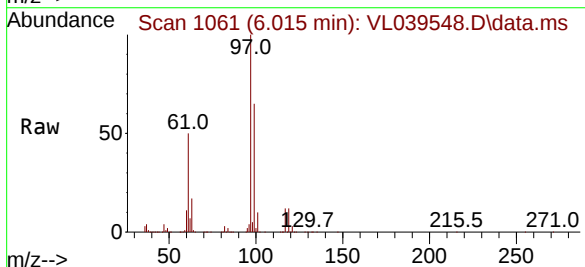
Manual Integrations
 APPROVED

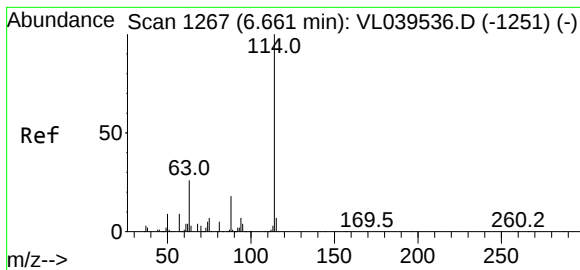
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.327 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

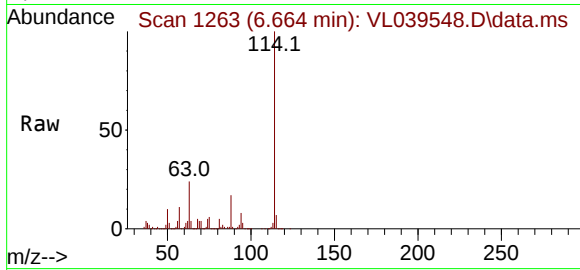
Tgt Ion: 97 Resp: 1515739
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.4 78.6
 61 52.1 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

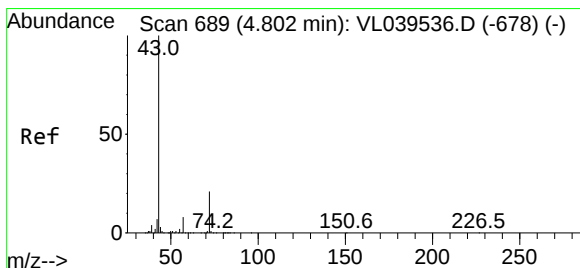
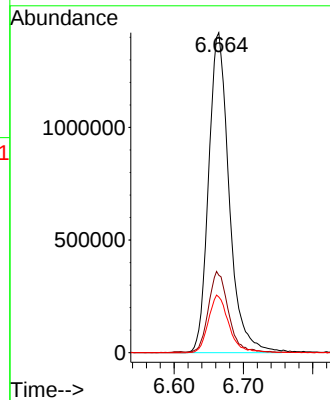
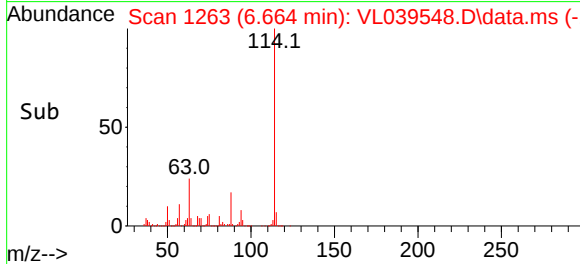
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion:114 Resp: 2918070
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 17.9 14.6 22.0

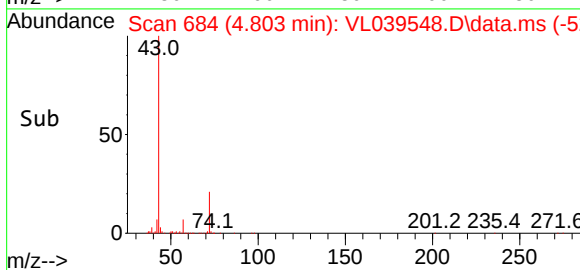
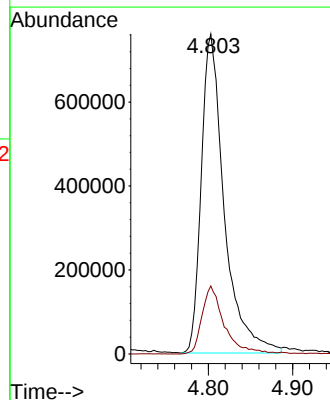
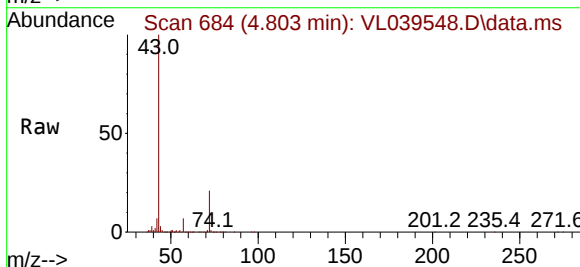
Manual Integrations
APPROVED

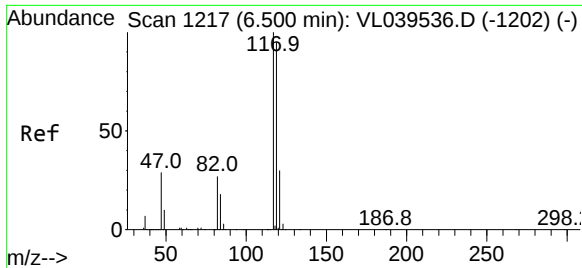
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 9.812 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

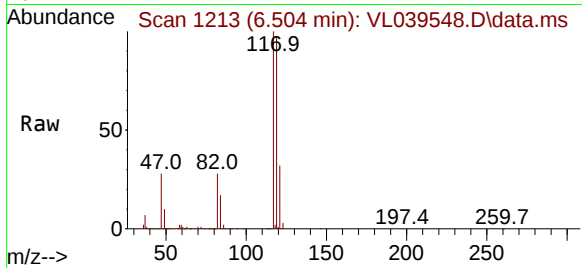
Tgt Ion: 43 Resp: 1439513
Ion Ratio Lower Upper
43 100
72 21.2 17.4 26.0





#35
Carbon Tetrachloride
Concen: 9.531 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

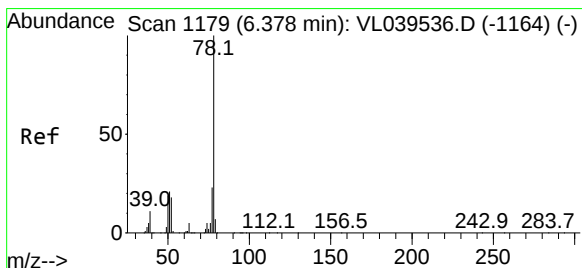
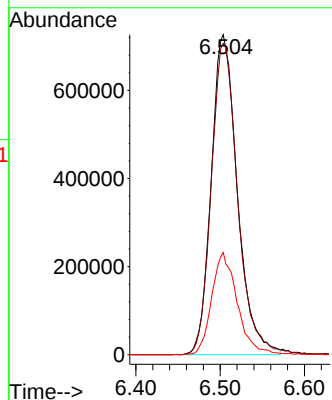
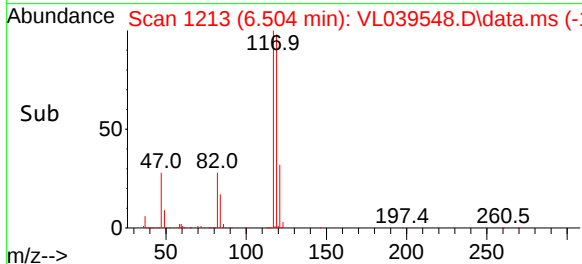
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 117 Resp: 1564690
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4
121 31.9 24.4 36.6

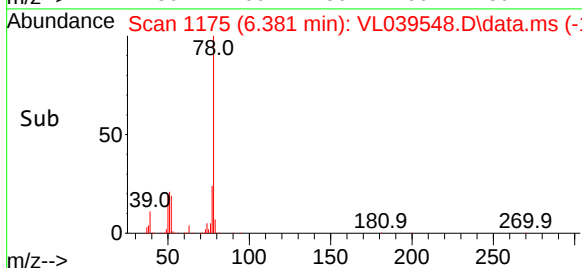
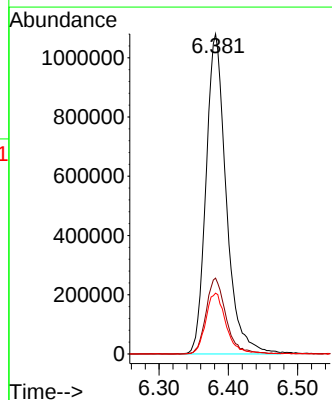
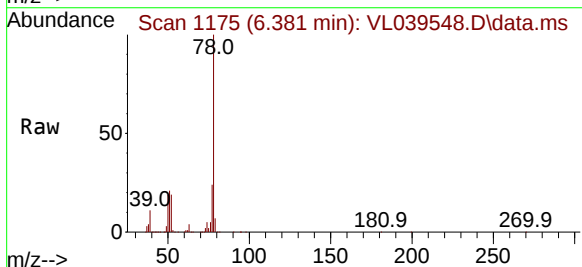
Manual Integrations
APPROVED

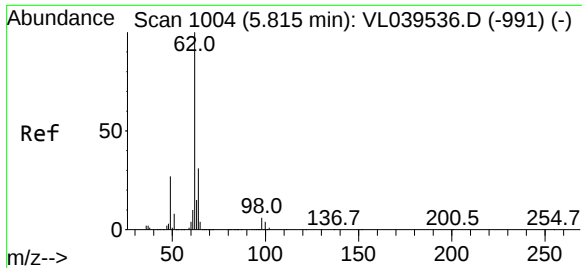
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#36
Benzene
Concen: 9.801 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

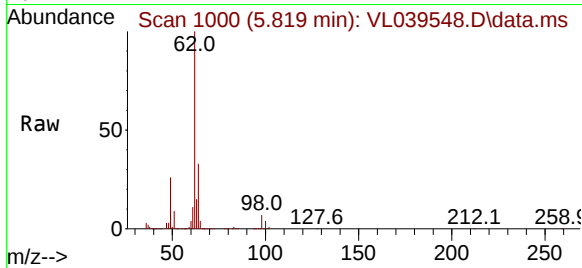
Tgt Ion: 78 Resp: 2179831
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8
50 19.0 15.0 22.4





#37
1,2-Dichloroethane
Concen: 9.398 ppbv
RT: 5.819 min Scan# 1004
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

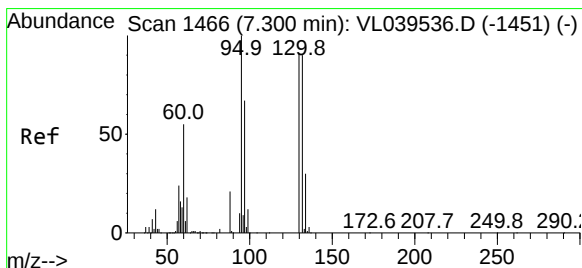
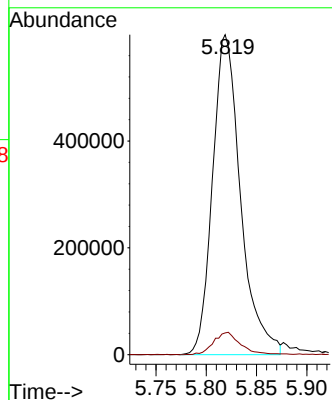
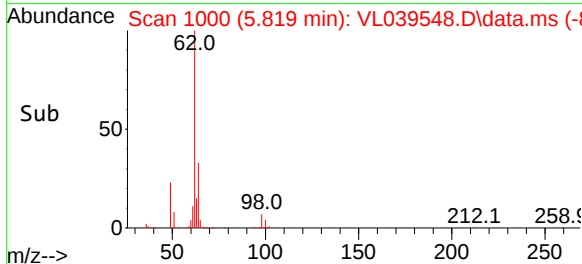
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



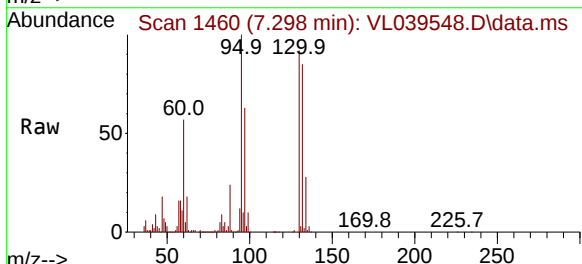
Tgt Ion: 62 Resp: 116120
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.2

Manual Integrations
APPROVED

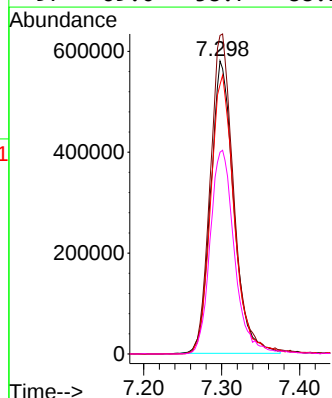
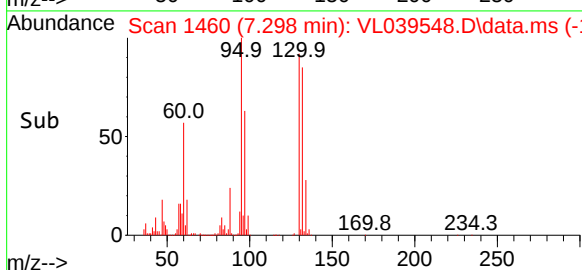
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

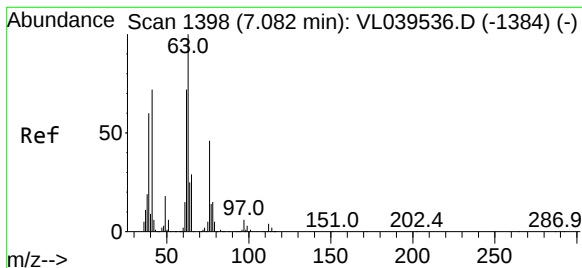


#38
Trichloroethene
Concen: 9.870 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



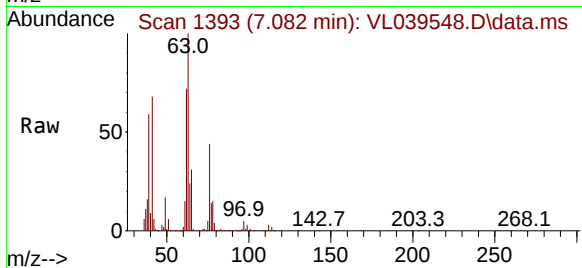
Tgt Ion:130 Resp: 1192426
Ion Ratio Lower Upper
130 100
95 108.9 88.0 132.0
132 92.1 79.1 118.7
97 69.0 58.7 88.1





#39
1,2-Dichloropropane
Concen: 10.023 ppbv
RT: 7.082 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

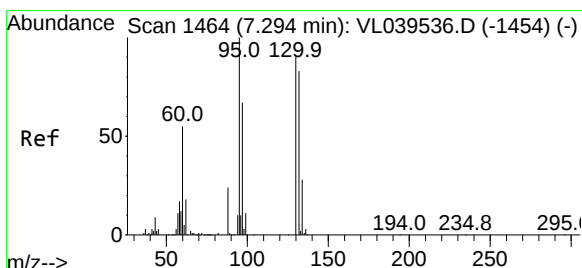
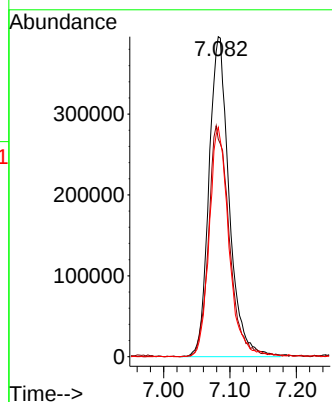
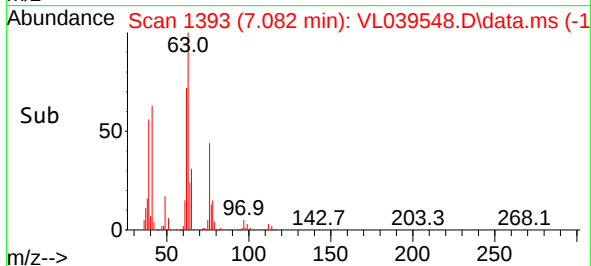
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 63 Resp: 835462
Ion Ratio Lower Upper
63 100
41 68.0 58.0 87.0
62 71.7 57.8 86.8

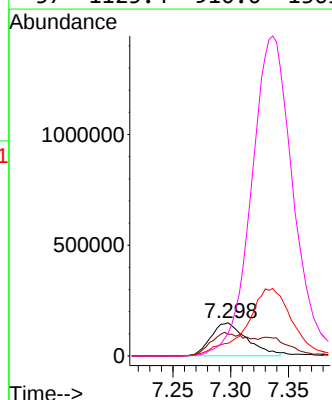
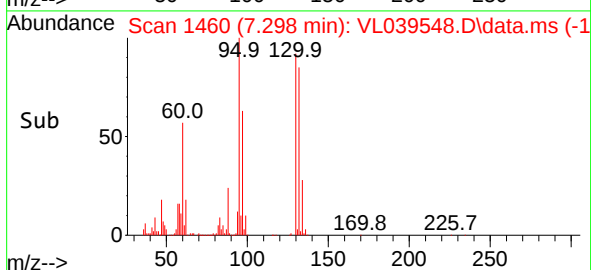
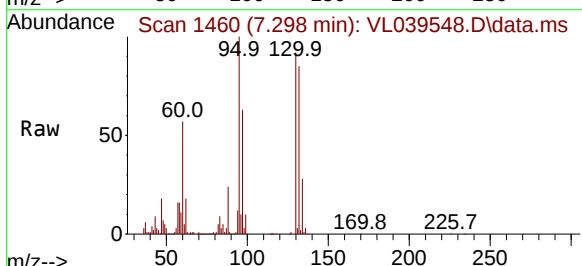
Manual Integrations
APPROVED

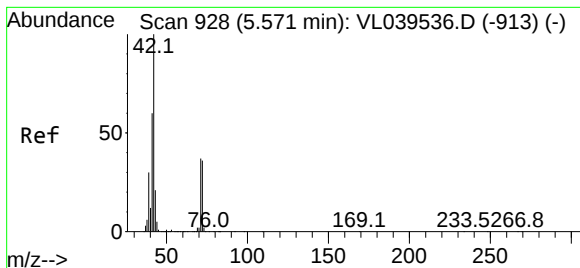
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#40
1,4-Dioxane
Concen: 9.825 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

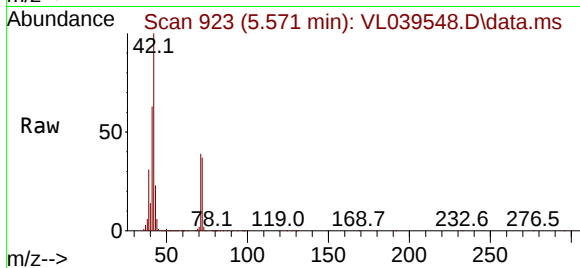
Tgt Ion: 88 Resp: 324918
Ion Ratio Lower Upper
88 100
58 124.9 102.8 154.2
43 261.5 216.2 324.2
57 1125.4 910.0 1365.0





#41
Tetrahydrofuran
Concen: 10.330 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

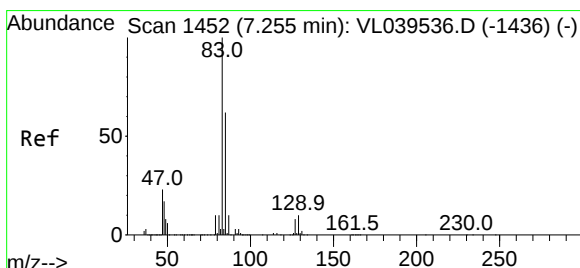
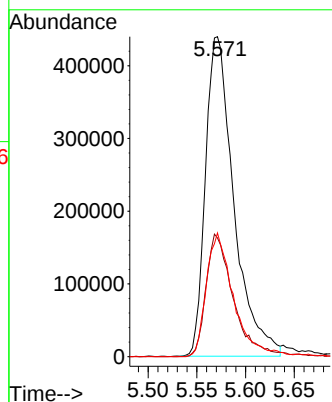
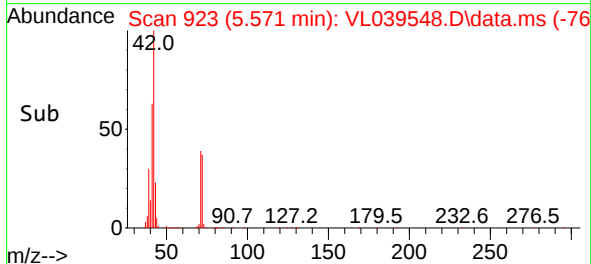
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 42 Resp: 89156
Ion Ratio Lower Upper
42 100
72 37.5 30.6 45.8
71 37.9 30.7 46.1

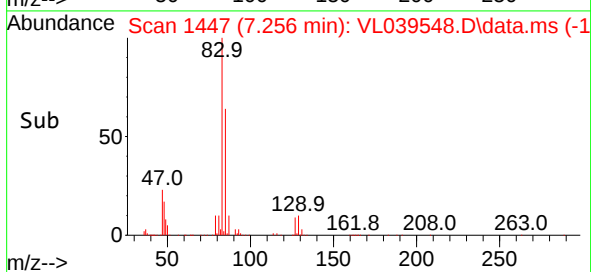
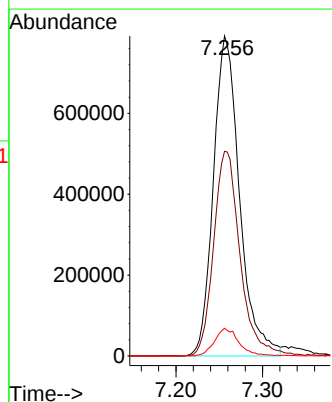
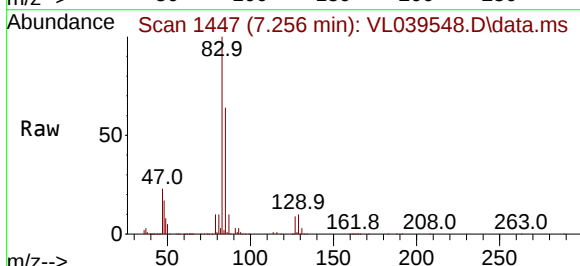
Manual Integrations
APPROVED

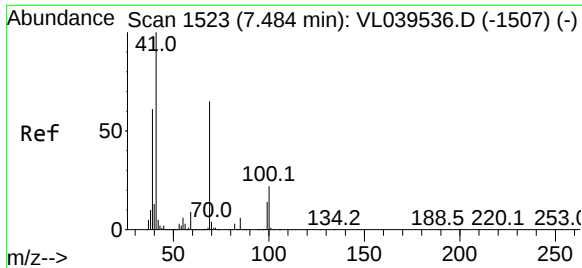
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#42
Bromodichloromethane
Concen: 9.831 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 83 Resp: 1660069
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 8.6 6.7 10.1





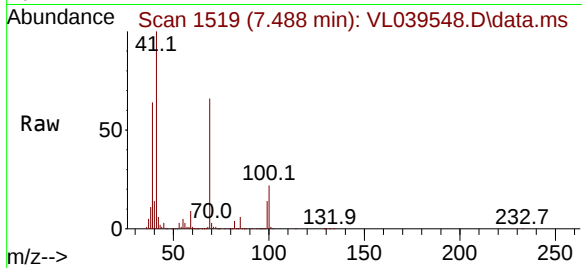
#43
Methyl Methacrylate
Concen: 10.596 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

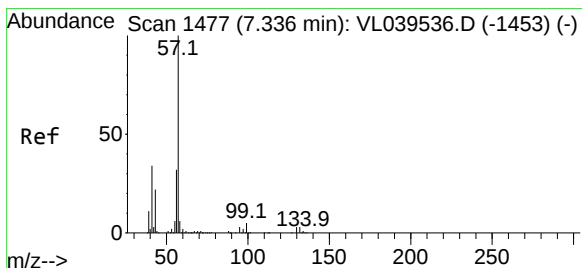
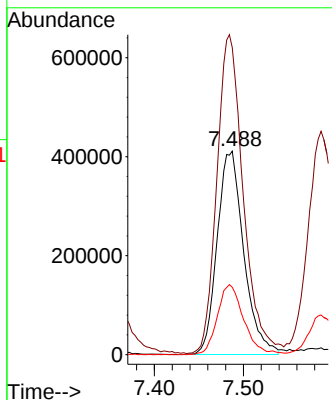
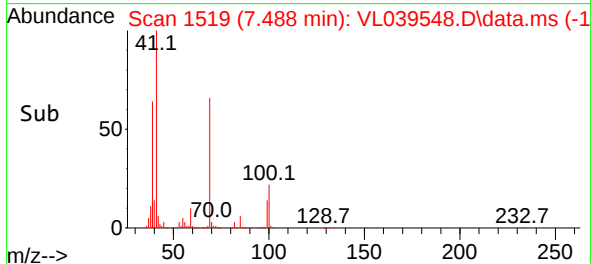


Tgt Ion: 69 Resp: 85330
Ion Ratio Lower Upper
69 100
41 155.8 123.0 184.6
100 34.2 27.4 41.2

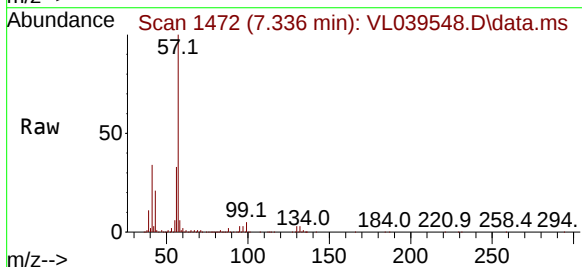
Manual Integrations

APPROVED

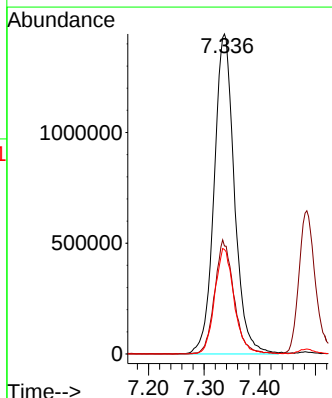
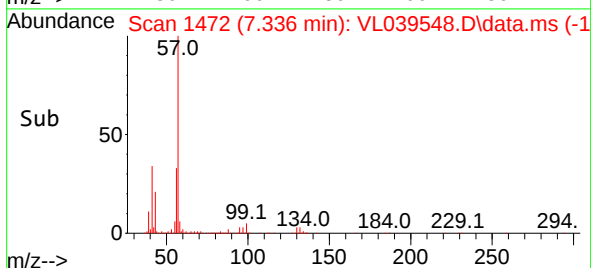
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

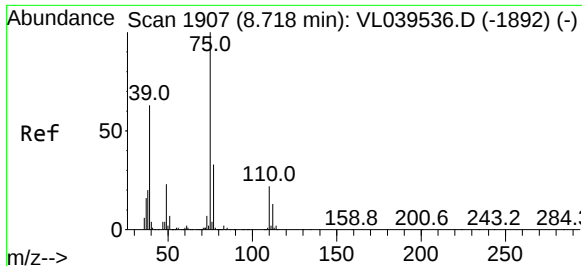


#44
2,2,4-Trimethylpentane
Concen: 9.741 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



Tgt Ion: 57 Resp: 3649794
Ion Ratio Lower Upper
57 100
41 33.7 27.8 41.6
56 31.7 25.5 38.3





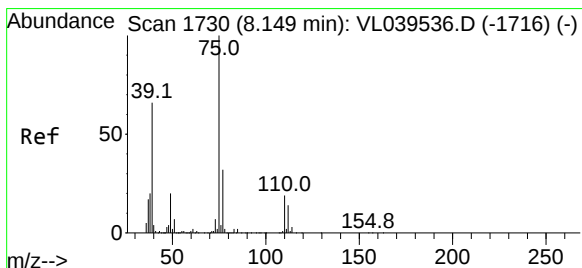
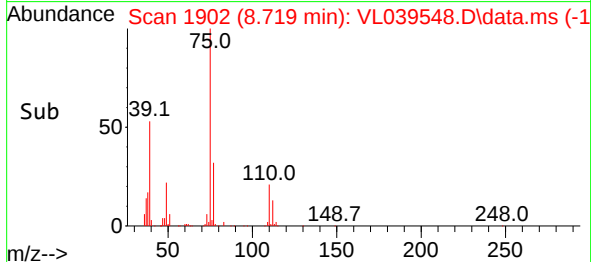
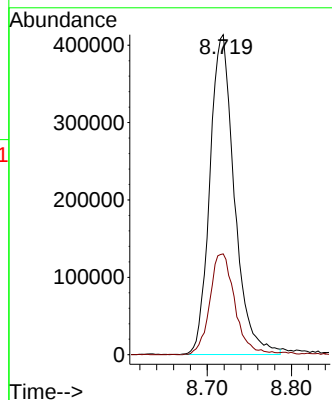
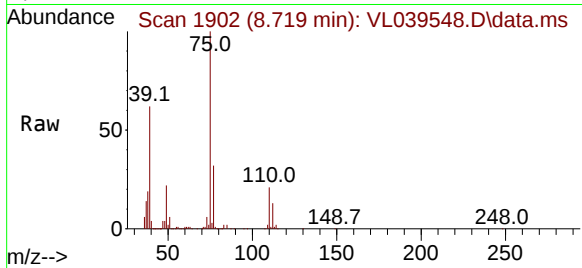
#45
t-1,3-Dichloropropene
Concen: 11.823 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 75 Resp: 83735
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2

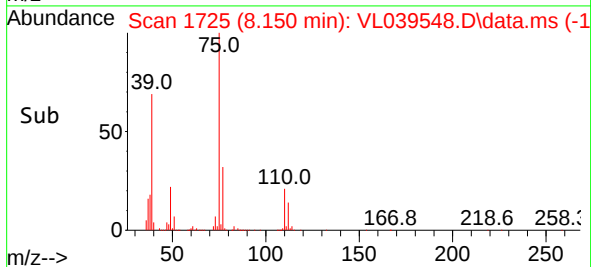
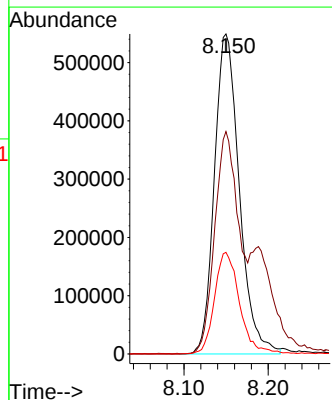
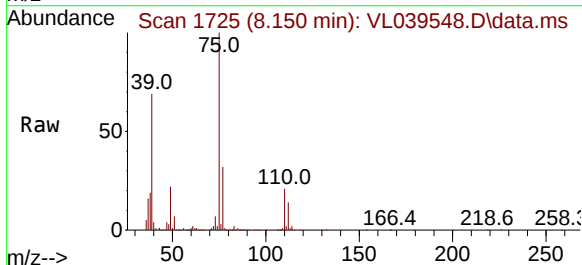
Manual Integrations
APPROVED

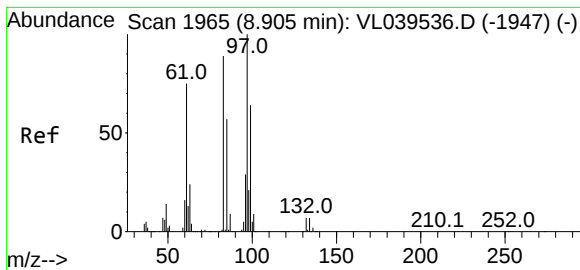
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#46
cis-1,3-Dichloropropene
Concen: 11.573 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

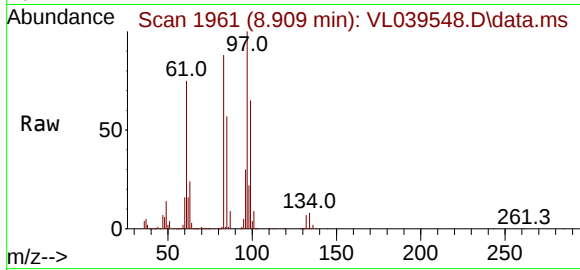
Tgt Ion: 75 Resp: 1127825
Ion Ratio Lower Upper
75 100
39 69.3 52.8 79.2
77 31.7 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.343 ppbv
RT: 8.909 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

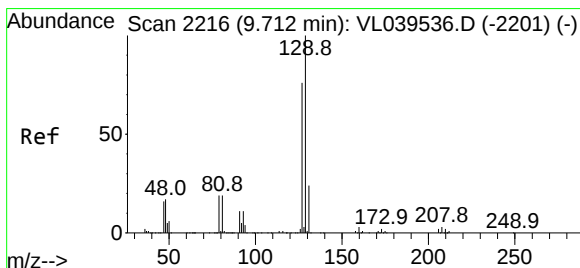
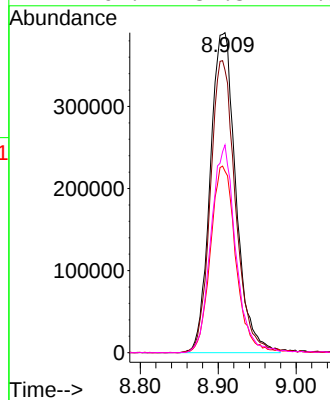
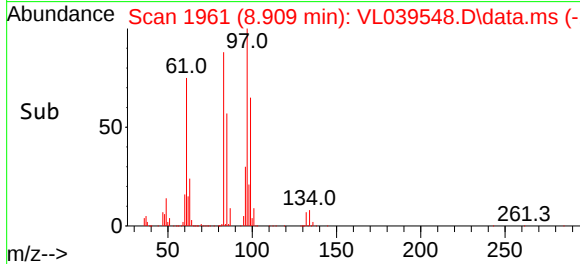
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 97 Resp: 89237
Ion Ratio Lower Upper
97 100
83 88.2 70.8 106.2
85 56.6 45.4 68.2
99 64.9 51.5 77.3

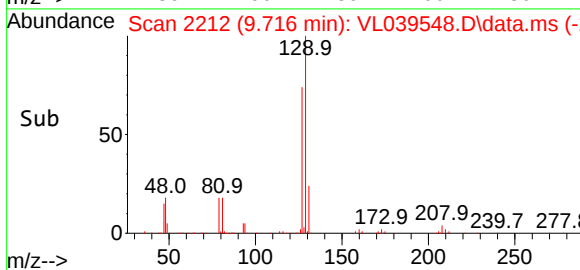
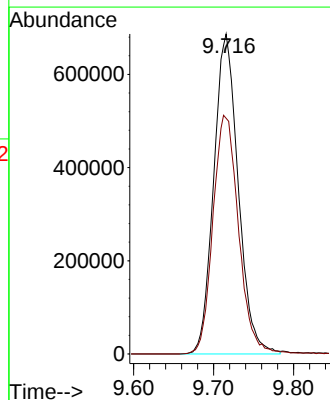
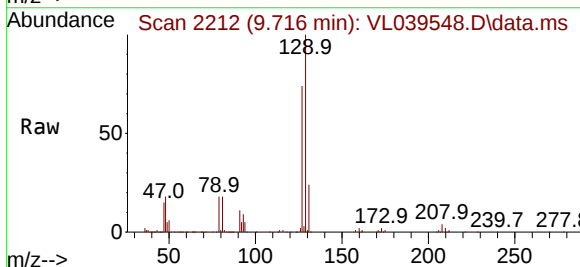
Manual Integrations
APPROVED

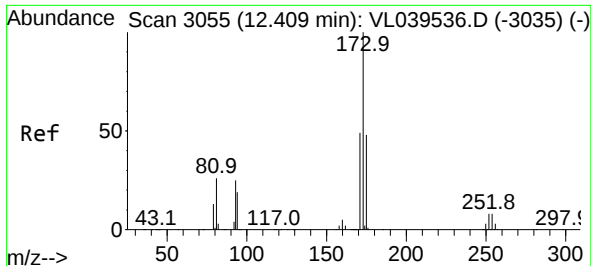
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#48
Dibromochloromethane
Concen: 10.290 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

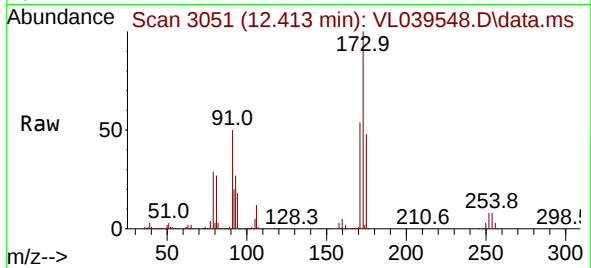
Tgt Ion:129 Resp: 1461258
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#49
Bromoform
Concen: 10.328 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

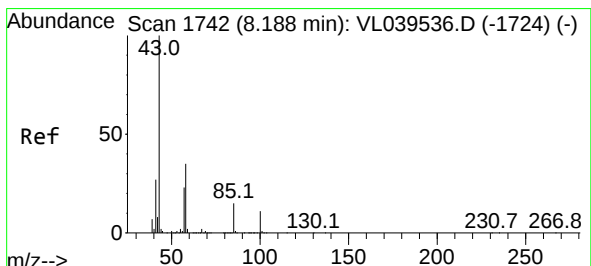
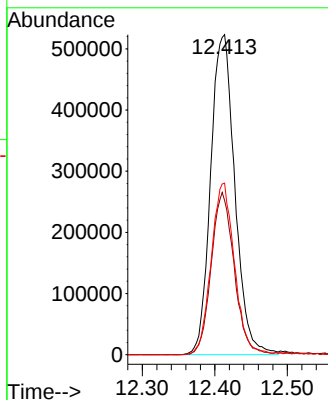
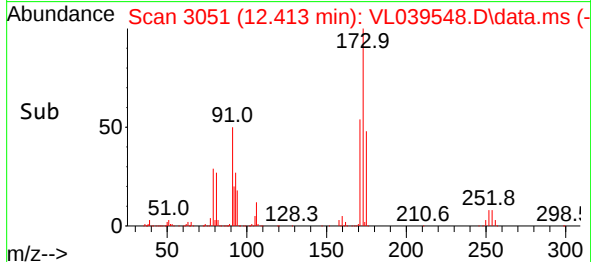
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion:173 Resp: 1213300
Ion Ratio Lower Upper
173 100
175 48.9 0.0 0.0
171 51.9 0.0 0.0

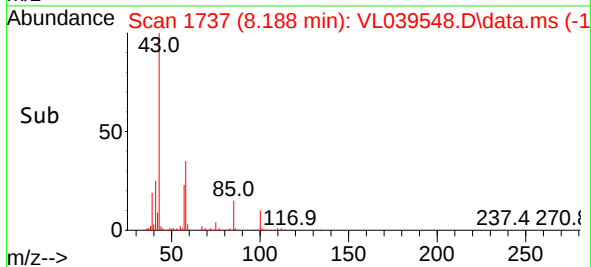
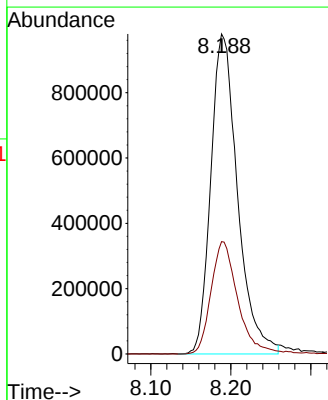
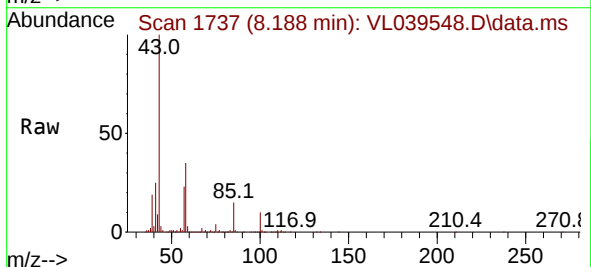
Manual Integrations
APPROVED

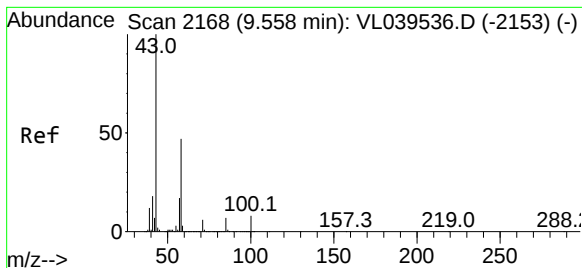
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#50
4-Methyl-2-Pentanone
Concen: 10.078 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

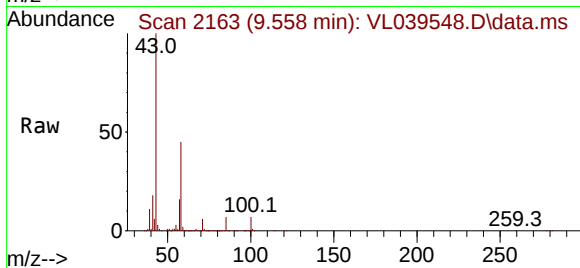
Tgt Ion: 43 Resp: 2274848
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





#51
2-Hexanone
Concen: 10.586 ppbv
RT: 9.558 min Scan# 2168
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

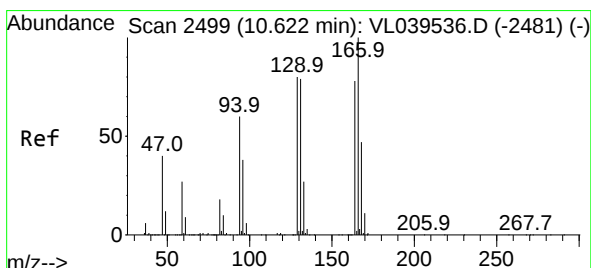
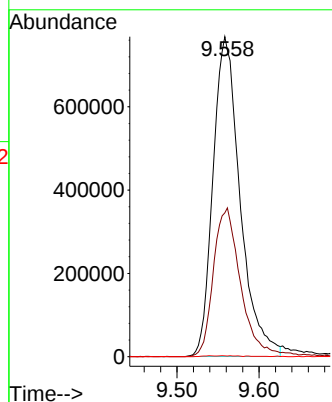
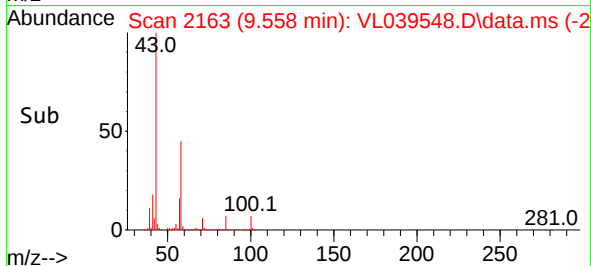
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 43 Resp: 1761249
Ion Ratio Lower Upper
43 100
58 47.5 37.5 56.3
98 0.4 0.5 0.7

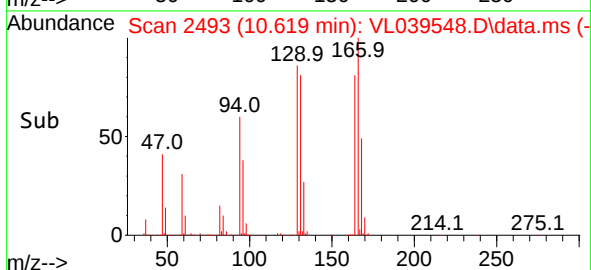
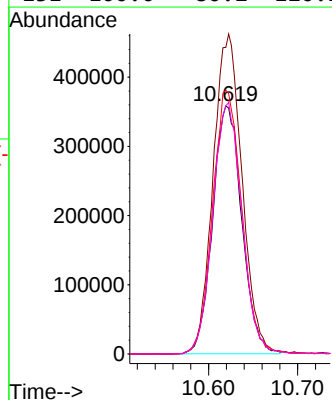
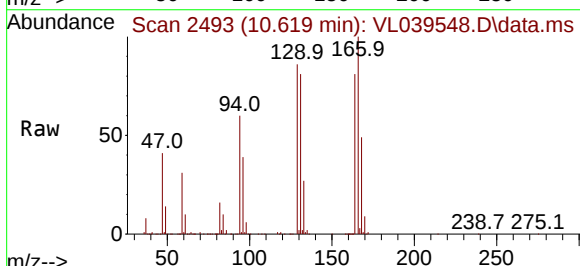
Manual Integrations
APPROVED

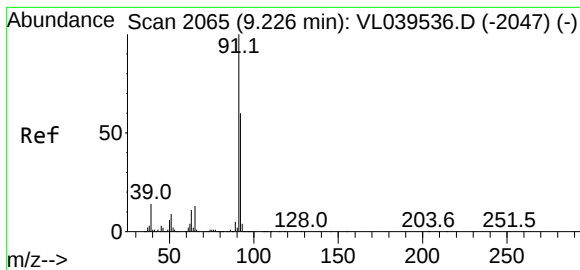
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#52
Tetrachloroethene
Concen: 9.310 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:164 Resp: 811038
Ion Ratio Lower Upper
164 100
166 123.6 102.0 153.0
129 106.3 81.7 122.5
131 100.0 80.2 120.2





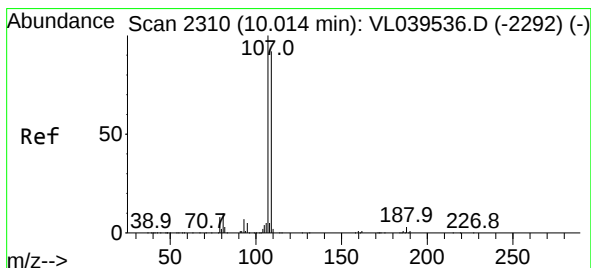
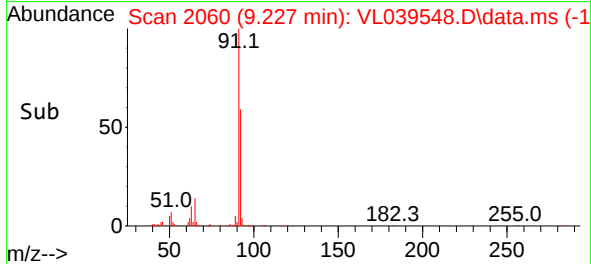
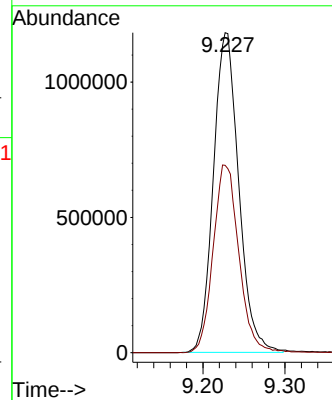
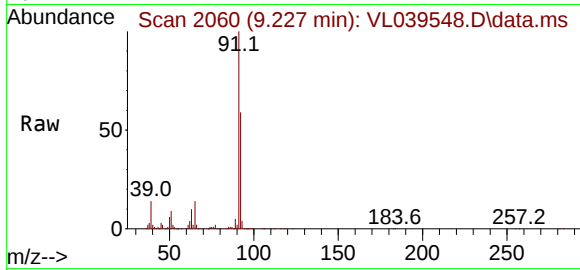
#53
Toluene
Concen: 10.188 ppbv
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 91 Resp: 253856
Ion Ratio Lower Upper
91 100
92 60.1 47.9 71.9

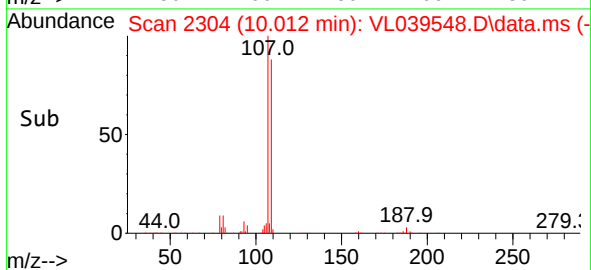
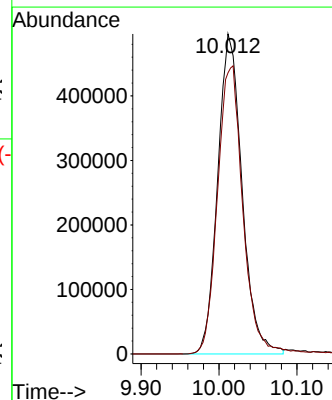
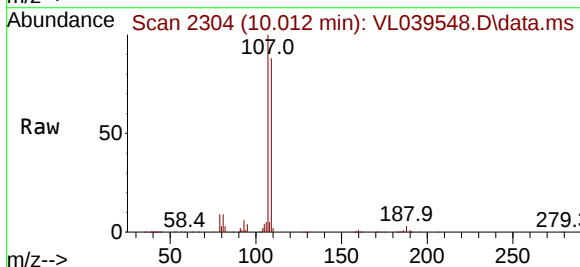
Manual Integrations
APPROVED

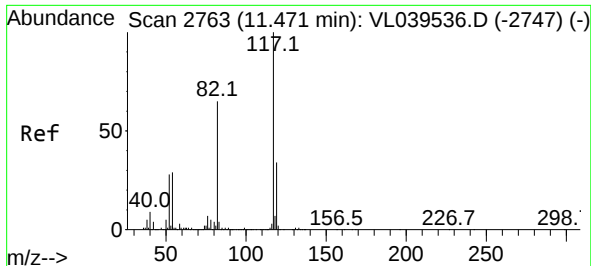
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#54
1,2-Dibromoethane
Concen: 9.897 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

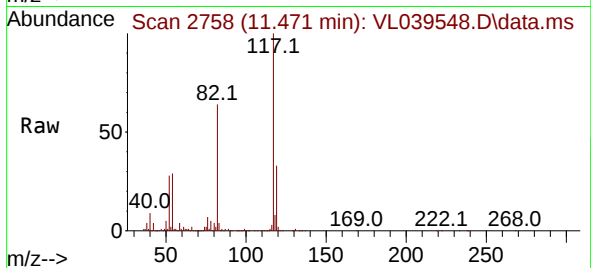
Tgt Ion:107 Resp: 1078304
Ion Ratio Lower Upper
107 100
109 87.8 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2763
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

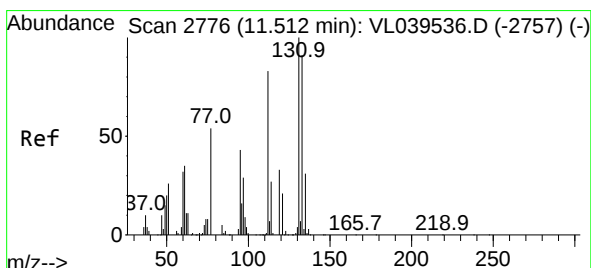
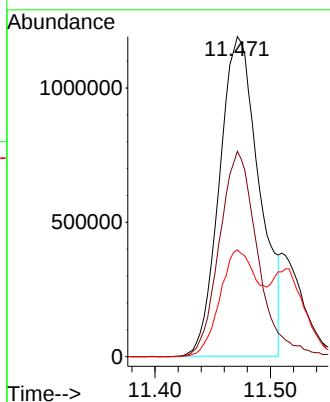
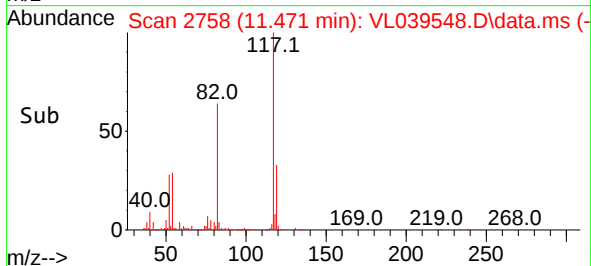
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion:117 Resp: 286298
Ion Ratio Lower Upper
117 100
82 62.2 49.1 73.7
119 32.8 25.9 38.9

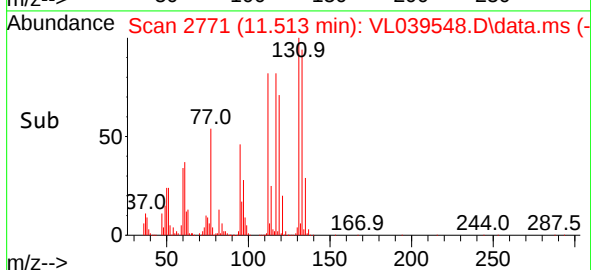
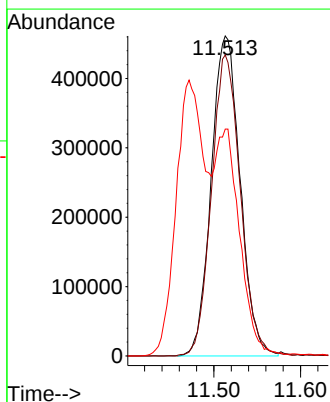
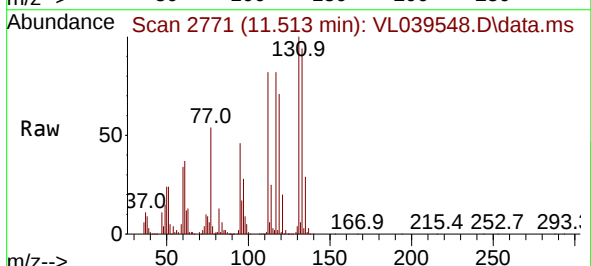
Manual Integrations
APPROVED

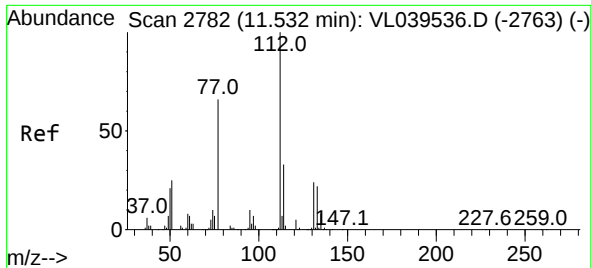
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.068 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

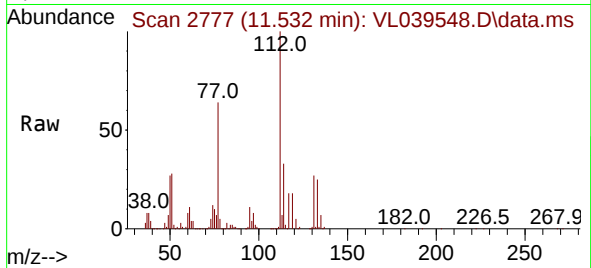
Tgt Ion:131 Resp: 1068598
Ion Ratio Lower Upper
131 100
133 94.5 75.4 113.2
119 60.9 47.4 71.2





#57
Chlorobenzene
Concen: 8.910 ppbv
RT: 11.532 min Scan# 2782
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

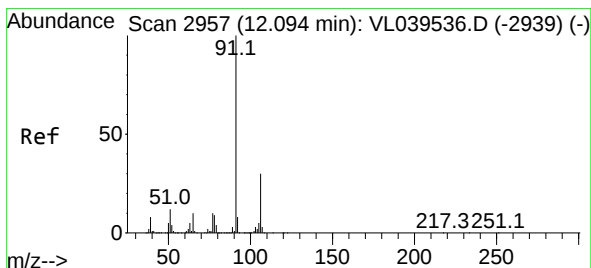
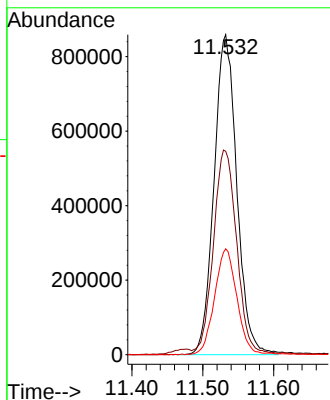
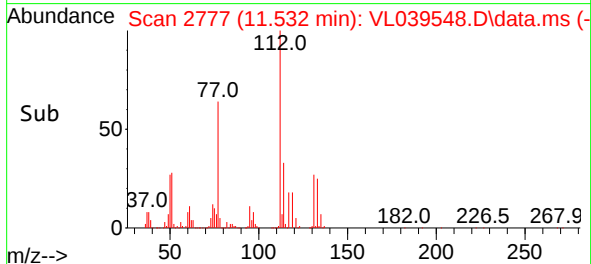
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



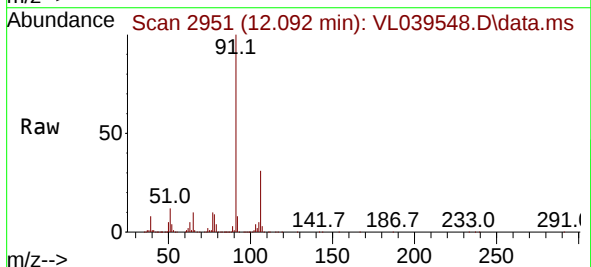
Tgt Ion: 112 Resp: 191792
Ion Ratio Lower Upper
112 100
77 63.1 53.4 80.0
114 33.1 29.5 36.1

Manual Integrations
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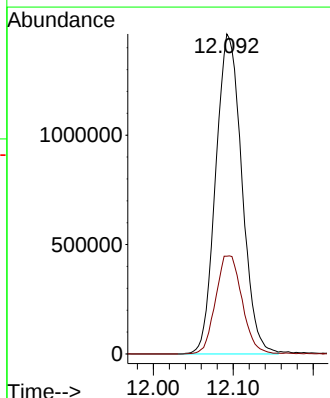
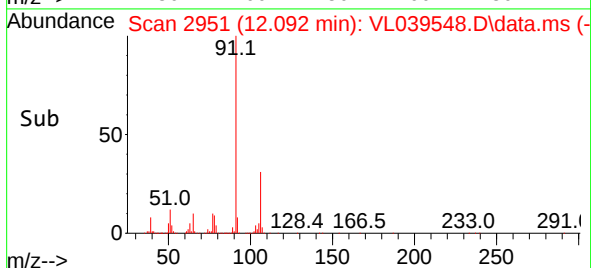
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

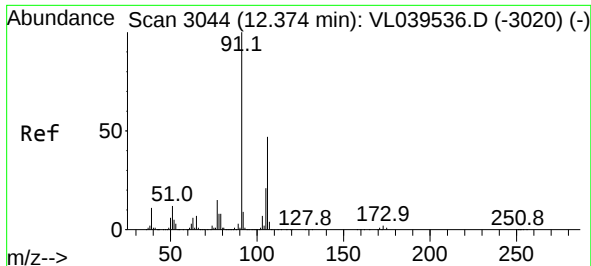


#58
Ethyl Benzene
Concen: 9.998 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



Tgt Ion: 91 Resp: 3314667
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4





#59

m/p-Xylene

Concen: 18.813 ppbv m

RT: 12.378 min Scan# 3044

Delta R.T. 0.004 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion: 91 Resp: 560796

Ion Ratio Lower Upper

91 100

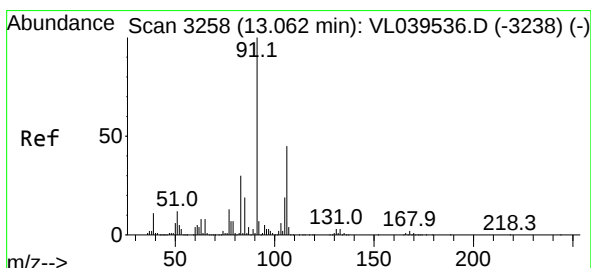
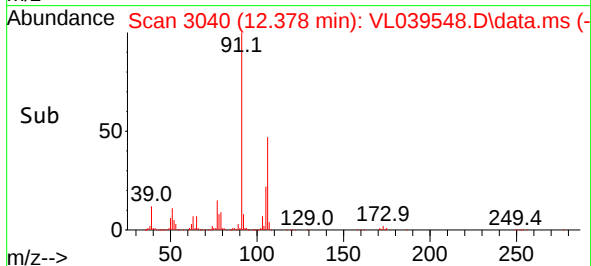
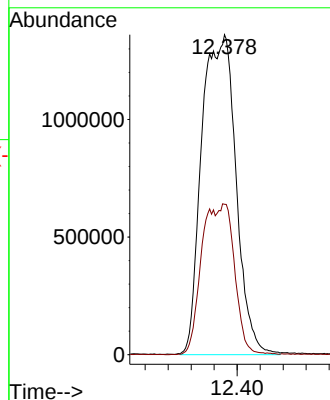
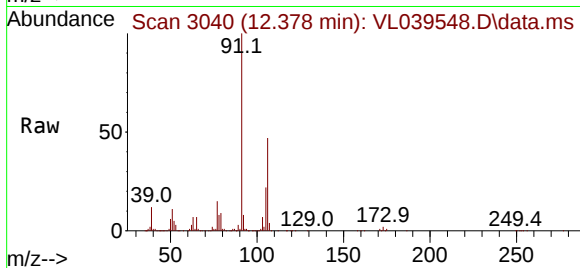
106 45.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#60

o-Xylene

Concen: 9.349 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.001 min

Lab File: VL039548.D

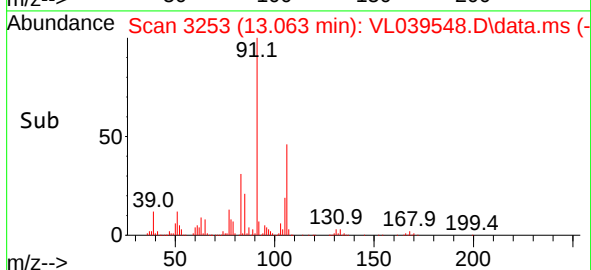
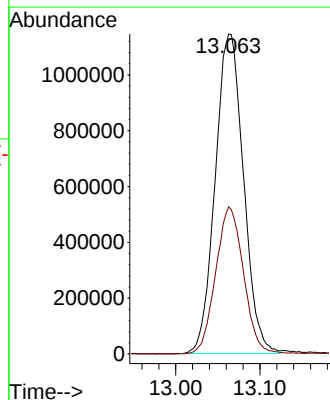
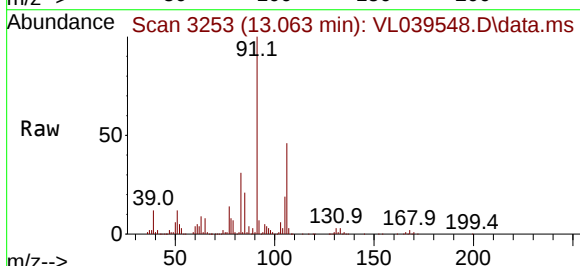
Acq: 17 Aug 2022 14:48

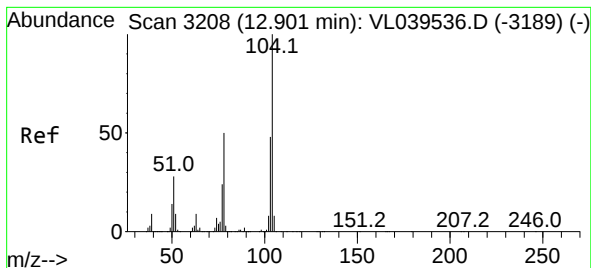
Tgt Ion: 91 Resp: 2672017

Ion Ratio Lower Upper

91 100

106 45.6 22.7 68.0





#61

Styrene

Concen: 10.786 ppbv

RT: 12.902 min Scan# 3189

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion:104 Resp: 1644528

Ion Ratio Lower Upper

104 100

78 49.6 40.0 60.0

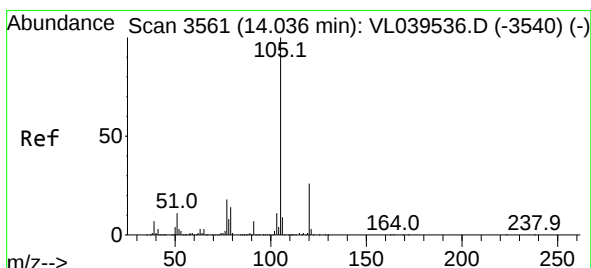
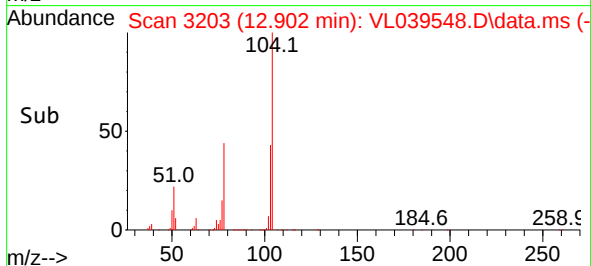
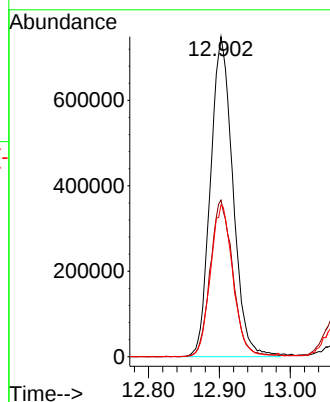
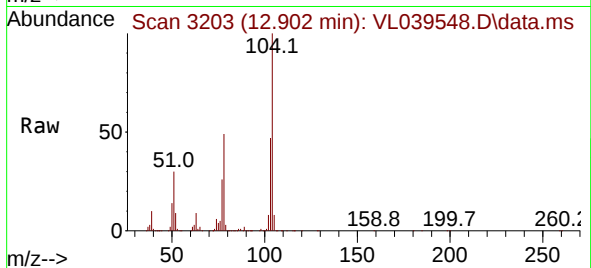
103 47.9 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#62

Isopropylbenzene

Concen: 9.027 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.001 min

Lab File: VL039548.D

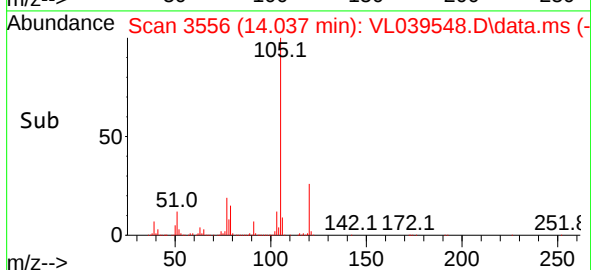
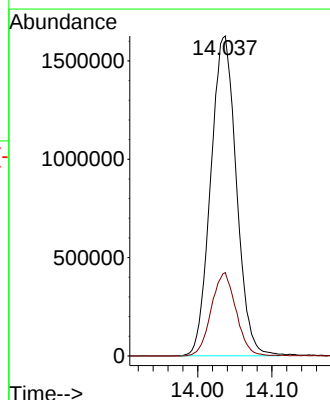
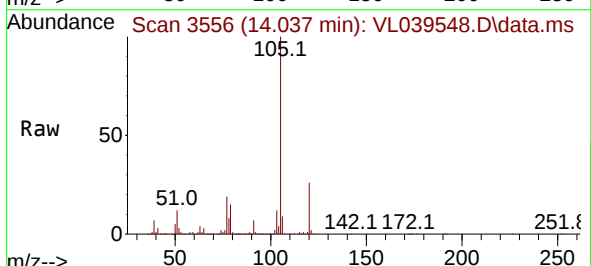
Acq: 17 Aug 2022 14:48

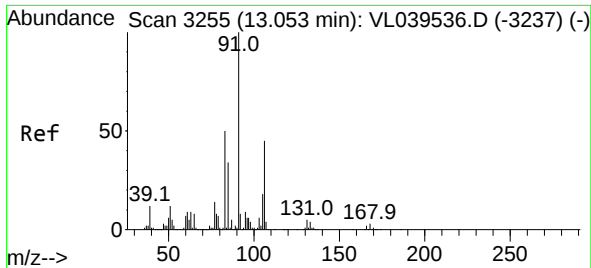
Tgt Ion:105 Resp: 3904031

Ion Ratio Lower Upper

105 100

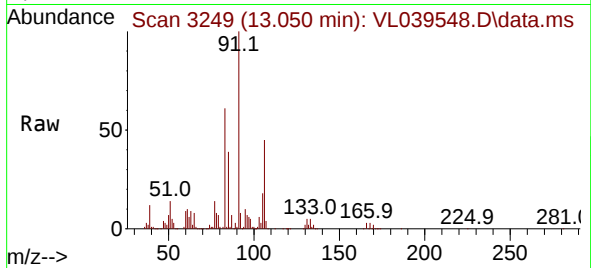
120 25.4 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.632 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

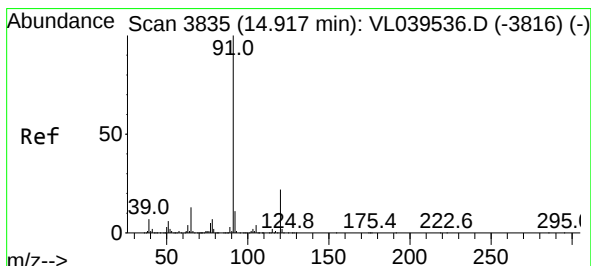
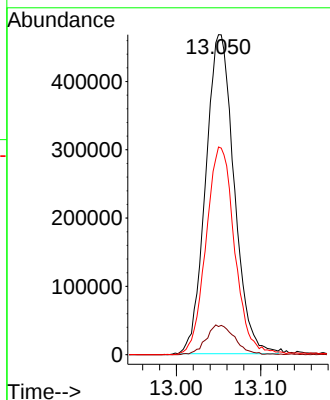
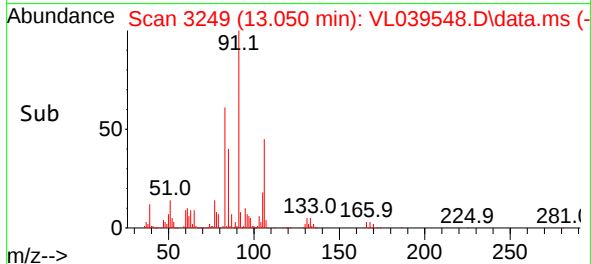
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



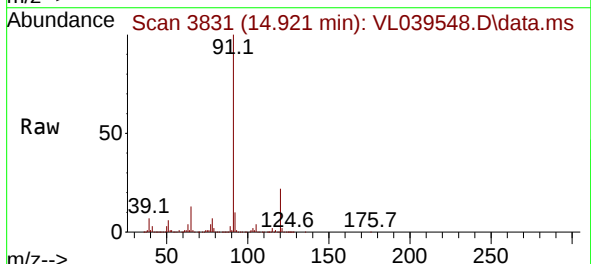
Tgt Ion: 83 Resp: 109678
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 66.1 33.2 99.6

Manual Integrations
APPROVED

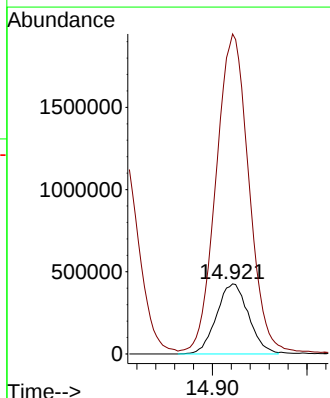
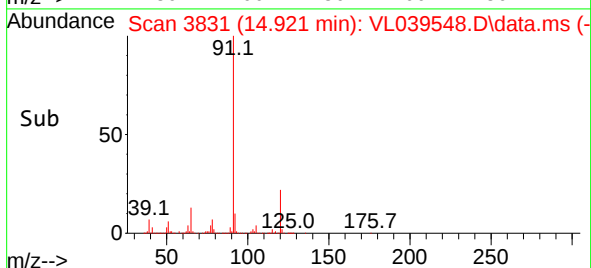
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

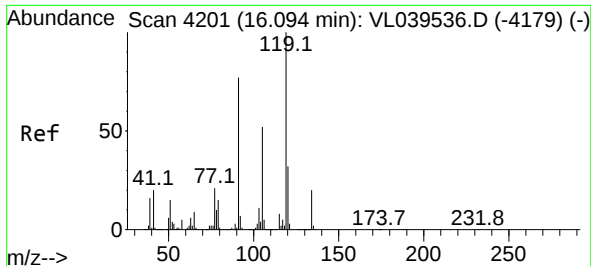


#64
n-propylbenzene
Concen: 8.898 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



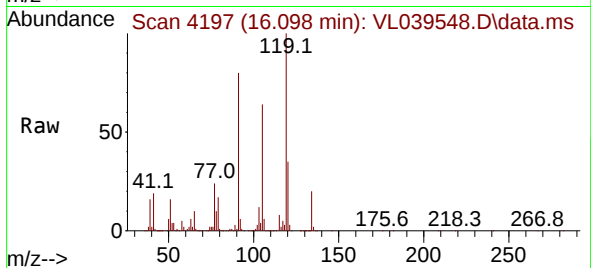
Tgt Ion:120 Resp: 1003500
Ion Ratio Lower Upper
120 100
91 472.6 372.6 559.0





#65
tert-Butylbenzene
Concen: 8.855 ppbv
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

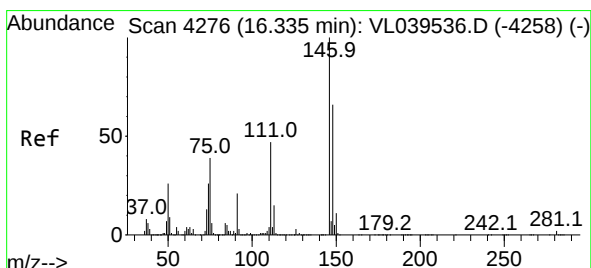
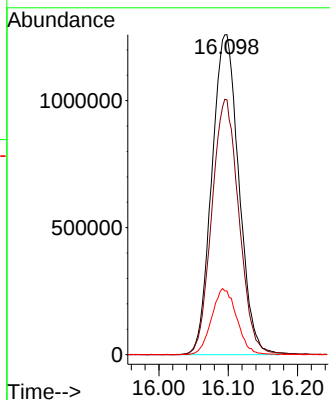
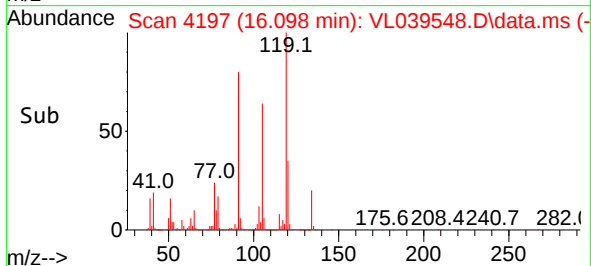
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



Tgt Ion: 119 Resp: 3414586
Ion Ratio Lower Upper
119 100
91 80.1 63.8 95.8
134 19.3 15.4 23.2

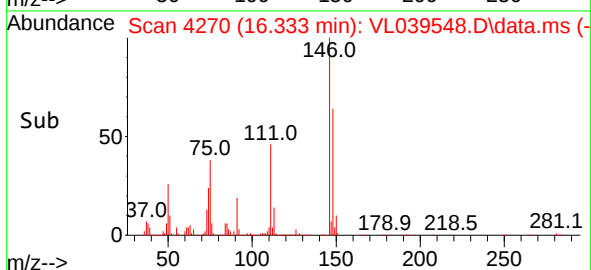
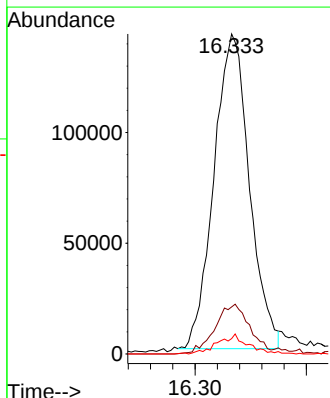
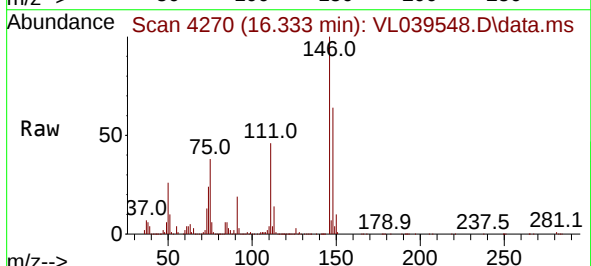
Manual Integrations
APPROVED

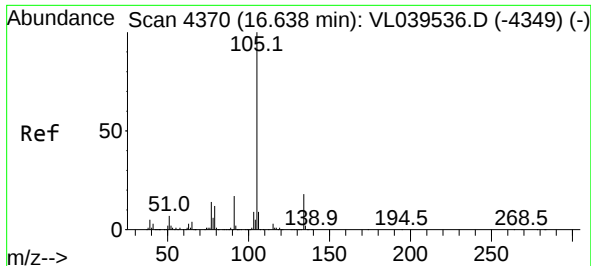
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#66
Benzyl Chloride
Concen: 9.510 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 91 Resp: 314679
Ion Ratio Lower Upper
91 100
126 16.5 0.0 0.0#
128 5.4 1.5 2.3#





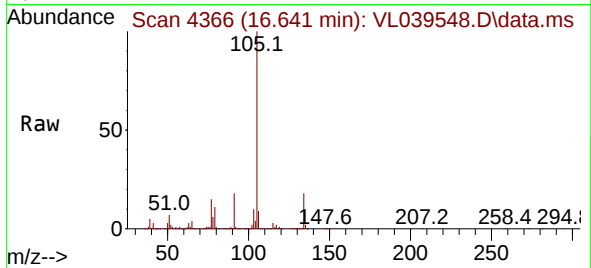
#67
 sec-Butylbenzene
 Concen: 8.765 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

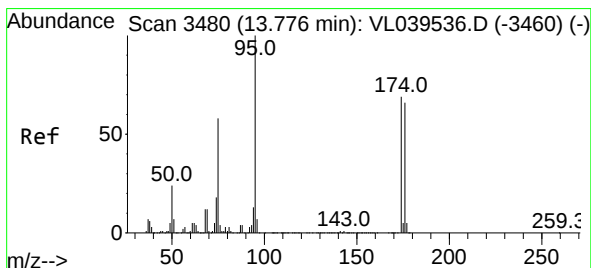
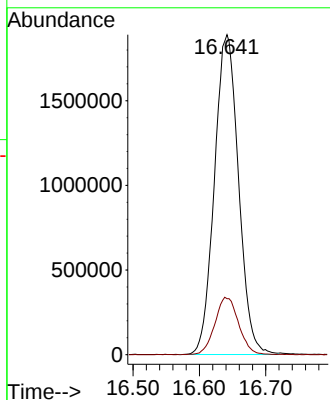
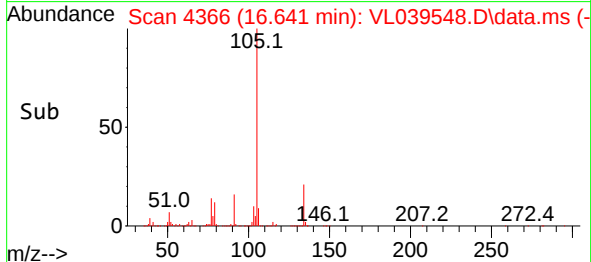


Tgt Ion: 105 Resp: 477327
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

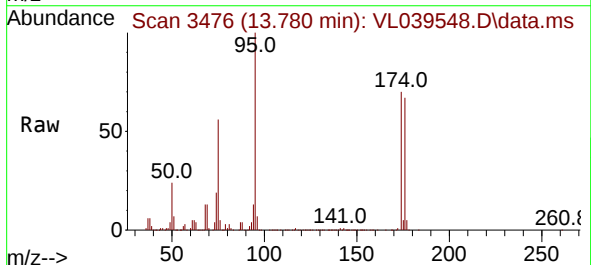
Manual Integrations

APPROVED

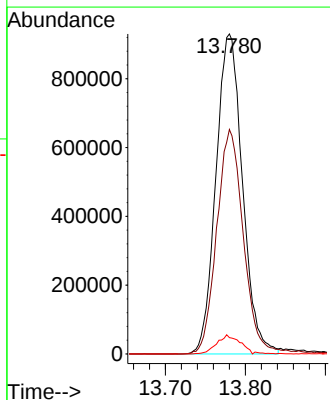
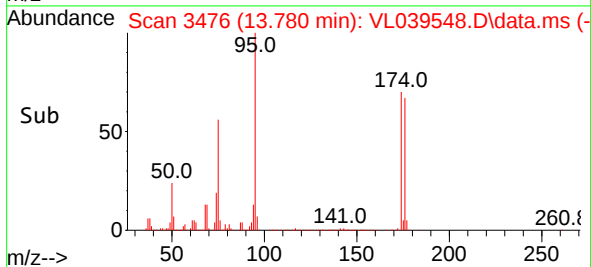
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

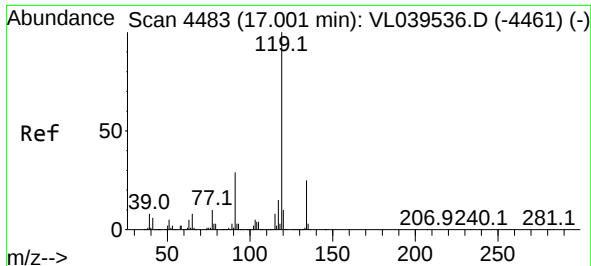


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.950 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48



Tgt Ion: 95 Resp: 2144573
 Ion Ratio Lower Upper
 95 100
 174 70.8 56.3 84.5
 175 5.4 4.3 6.5





#69

p-Isopropyltoluene

Concen: 8.865 ppbv

RT: 16.998 min Scan# 44

Delta R.T. -0.003 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion: 119 Resp: 4021650

Ion Ratio Lower Upper

119 100

134 24.7 19.8 29.6

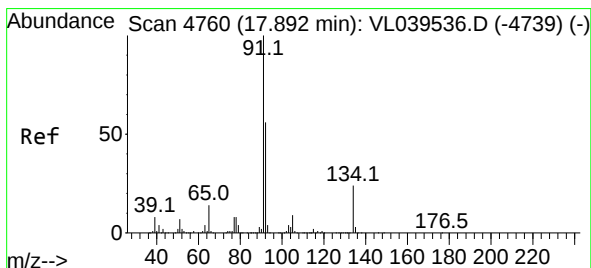
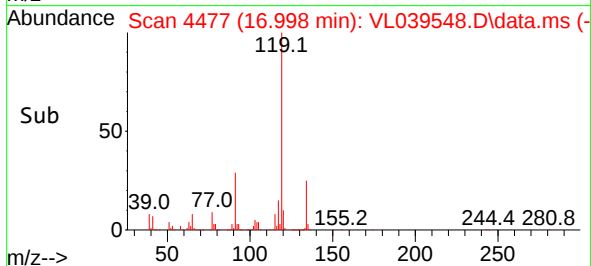
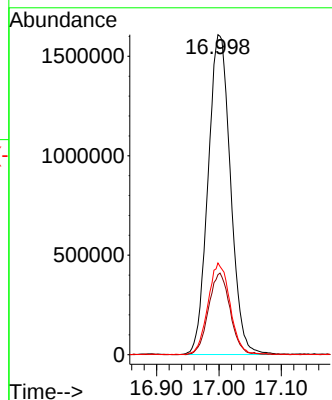
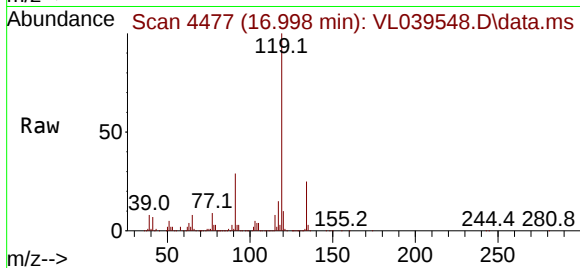
91 28.2 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#70

n-Butylbenzene

Concen: 8.820 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

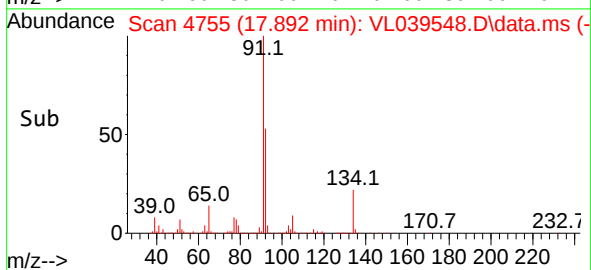
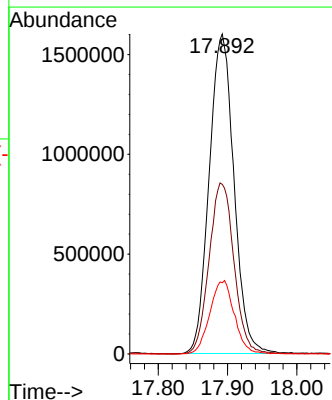
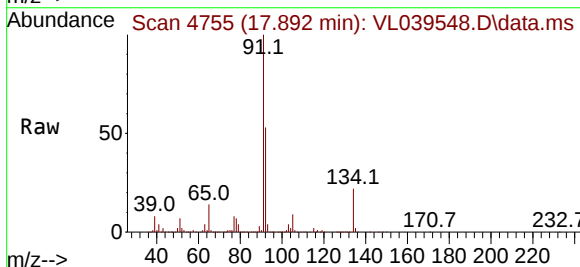
Tgt Ion: 91 Resp: 3972433

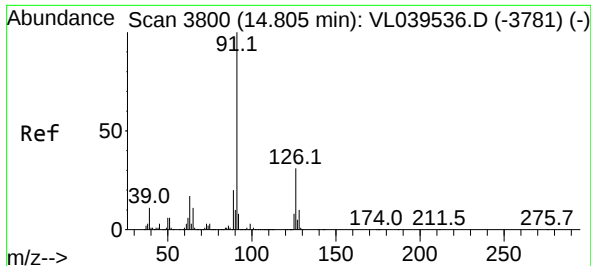
Ion Ratio Lower Upper

91 100

92 54.0 43.0 64.6

134 22.9 18.1 27.1





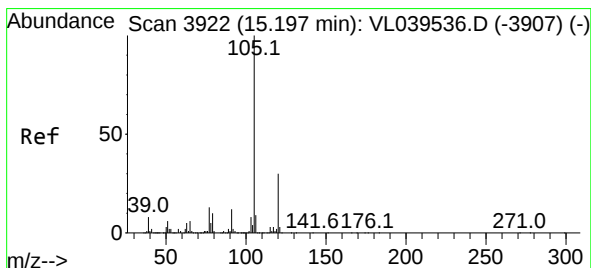
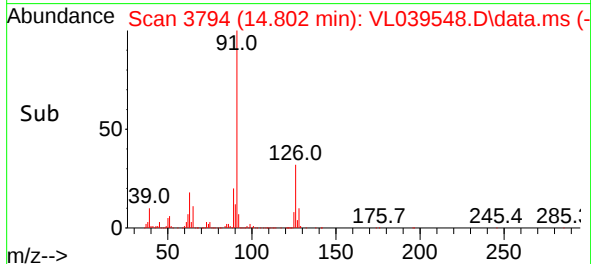
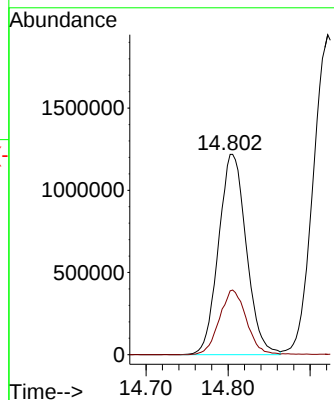
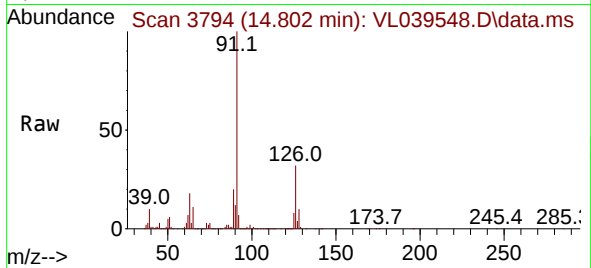
#71
2-Chlorotoluene
Concen: 9.151 ppbv
RT: 14.802 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 91 Resp: 2868190
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5

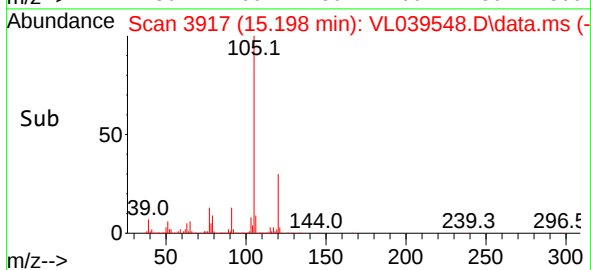
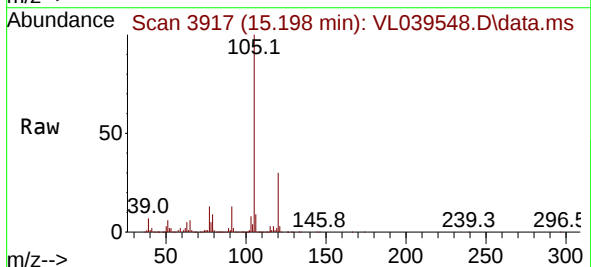
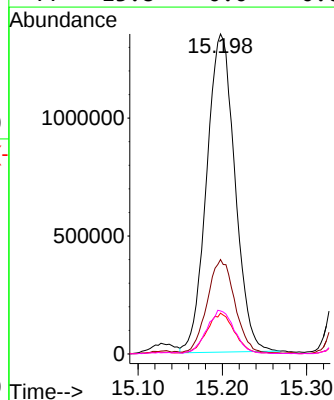
Manual Integrations
APPROVED

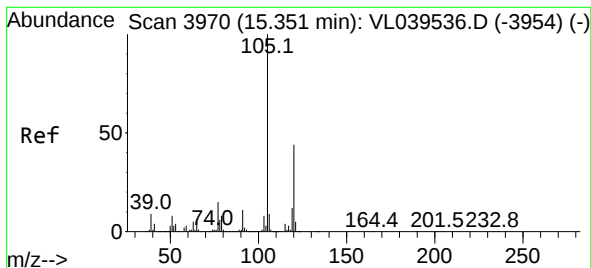
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#72
4-Ethyltoluene
Concen: 9.369 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.001 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:105 Resp: 3145866
Ion Ratio Lower Upper
105 100
120 29.5 0.0 0.0#
91 12.5 0.0 0.0#
77 13.8 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 9.118 ppbv

RT: 15.359 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion:105 Resp: 279623

Ion Ratio Lower Upper

105 100

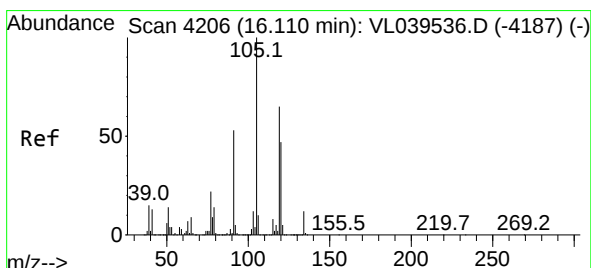
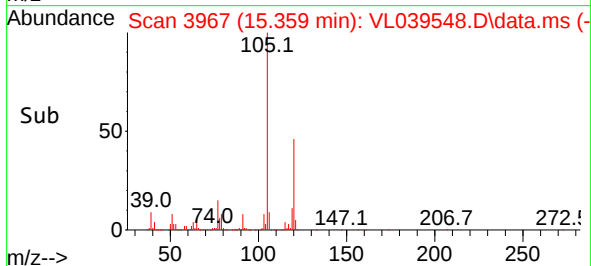
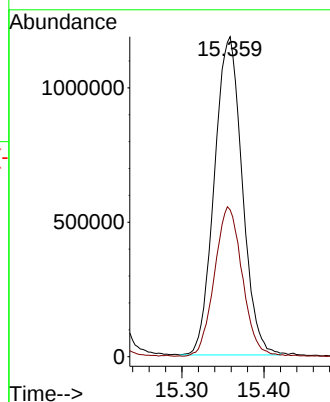
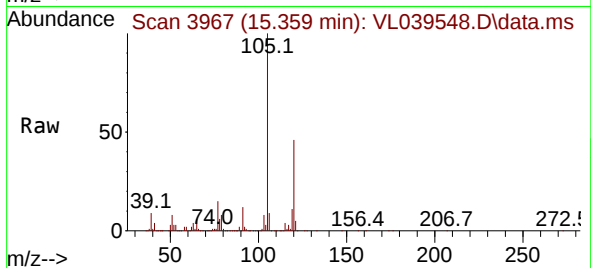
120 45.9 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.843 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Tgt Ion:105 Resp: 3023476

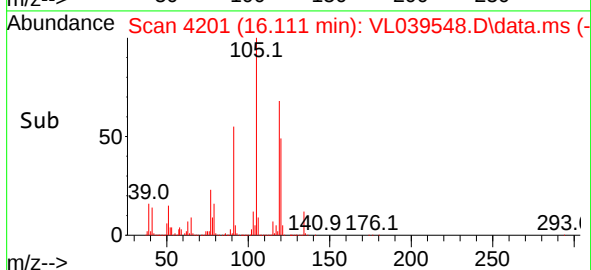
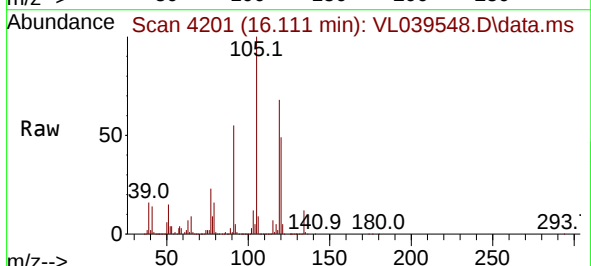
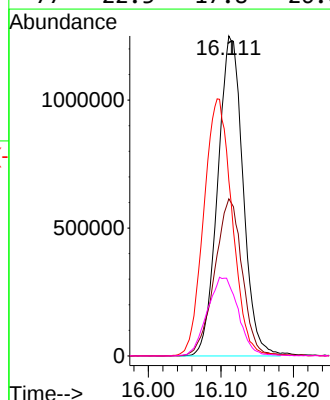
Ion Ratio Lower Upper

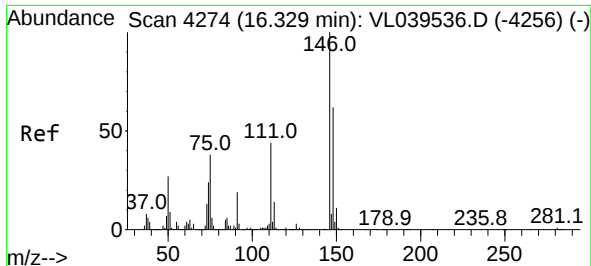
105 100

120 48.9 37.8 56.8

91 54.5 43.8 65.6

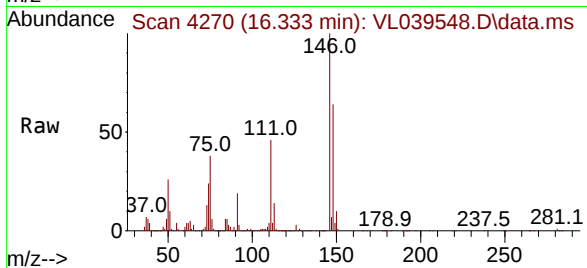
77 22.3 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 8.627 ppbv
RT: 16.333 min Scan# 4315
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

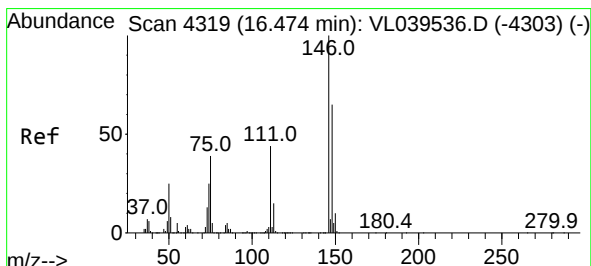
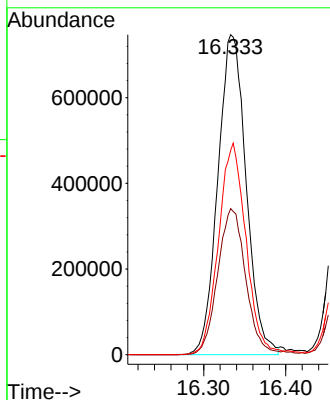
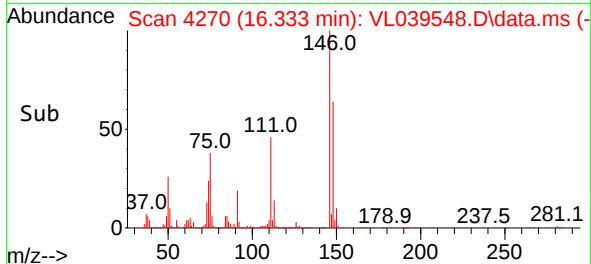
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02



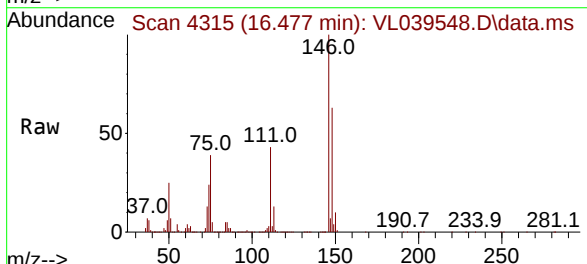
Tgt Ion:146 Resp: 1791934
Ion Ratio Lower Upper
146 100
111 45.4 22.9 68.5
148 64.6 32.4 97.0

Manual Integrations
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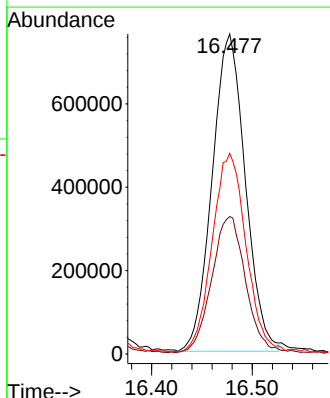
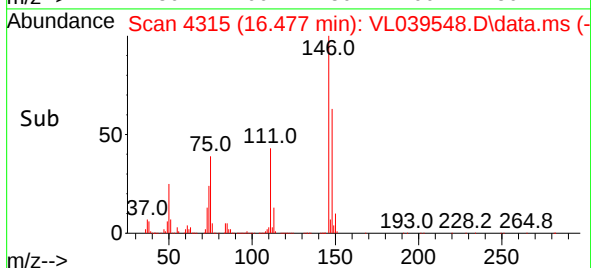
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

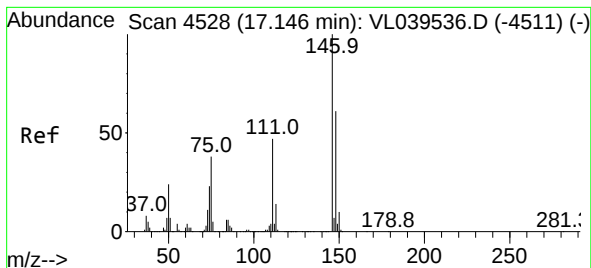


#76
1,4-Dichlorobenzene
Concen: 8.360 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. 0.004 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48



Tgt Ion:146 Resp: 1738913
Ion Ratio Lower Upper
146 100
111 45.3 22.3 66.8
148 66.6 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 8.430 ppbv

RT: 17.146 min Scan# 4528

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion:146 Resp: 171576

Ion Ratio Lower Upper

146 100

111 46.4 23.9 71.8

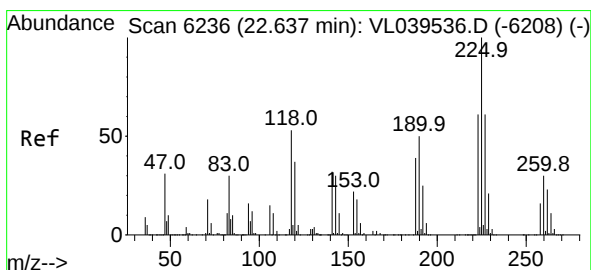
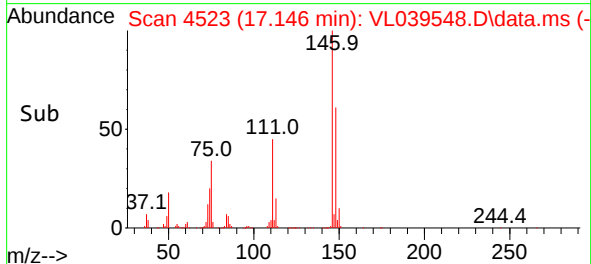
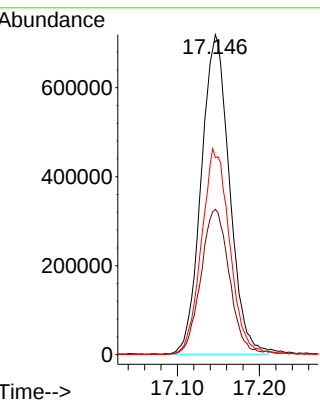
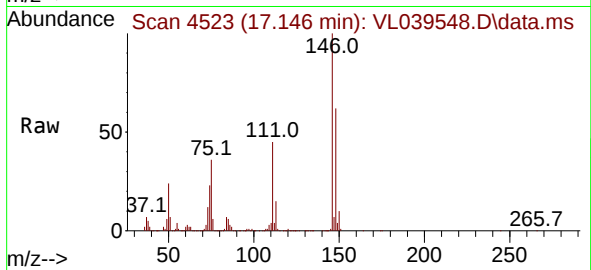
148 65.1 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.763 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

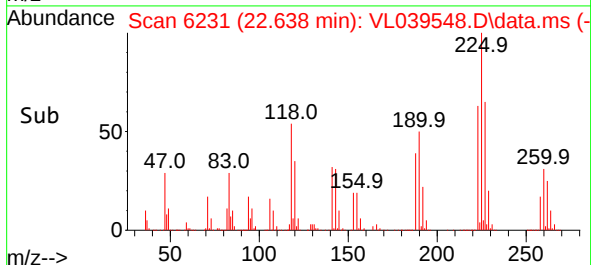
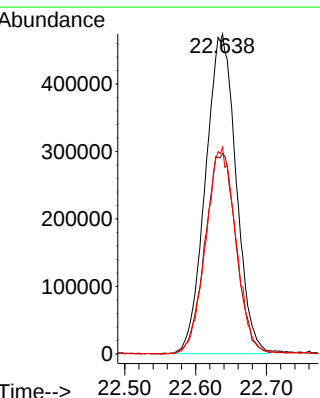
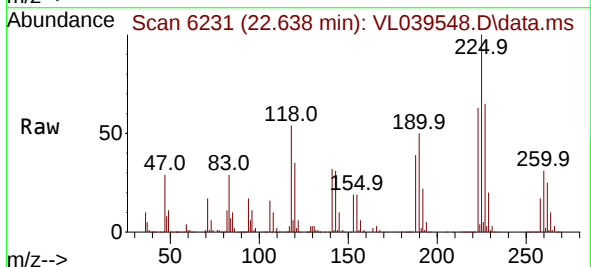
Tgt Ion:225 Resp: 1416732

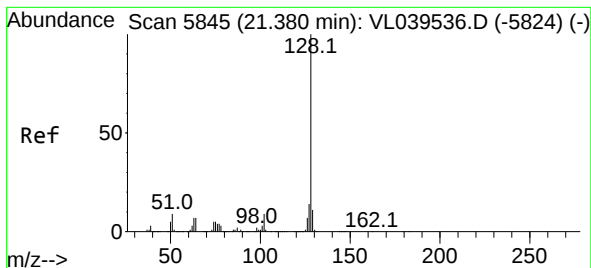
Ion Ratio Lower Upper

225 100

223 64.1 0.0 0.0#

227 64.3 0.0 0.0#





#79

Naphthalene

Concen: 12.287 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.004 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS02

Tgt Ion:128 Resp: 299126

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

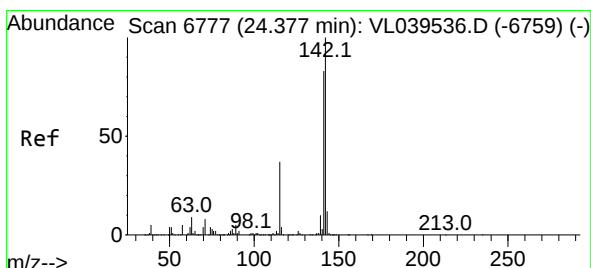
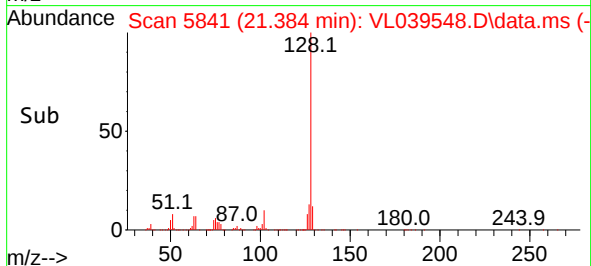
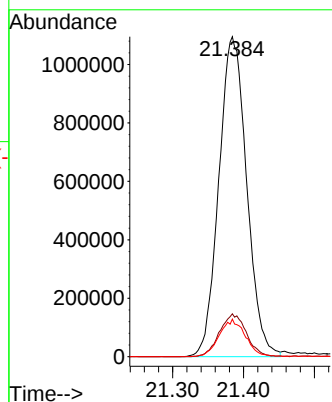
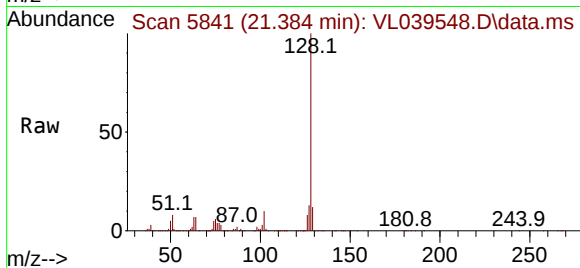
129 11.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#80

Naphthalene,2-methyl-

Concen: 13.897 ppbv

RT: 24.378 min Scan# 6772

Delta R.T. 0.001 min

Lab File: VL039548.D

Acq: 17 Aug 2022 14:48

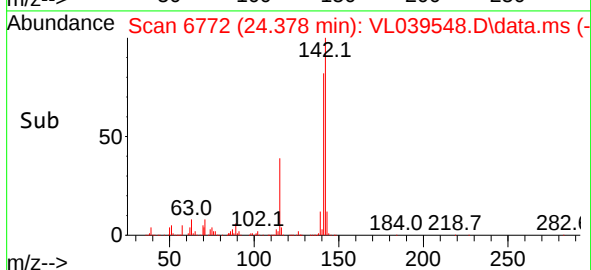
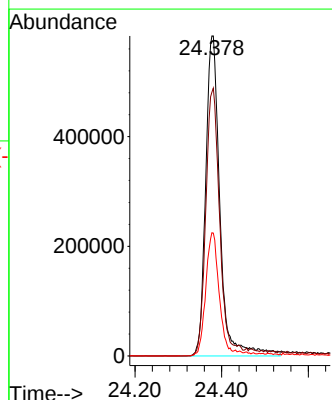
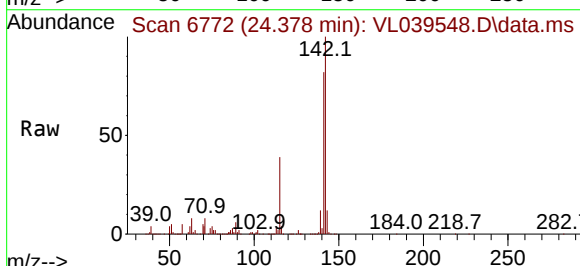
Tgt Ion:142 Resp: 1336933

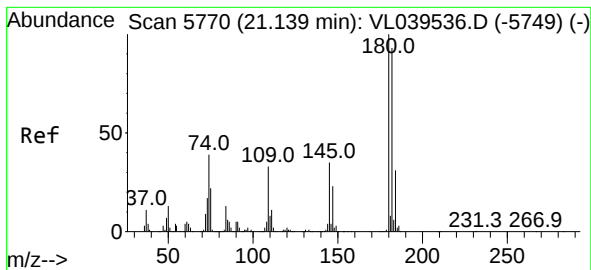
Ion Ratio Lower Upper

142 100

141 83.6 0.0 0.0#

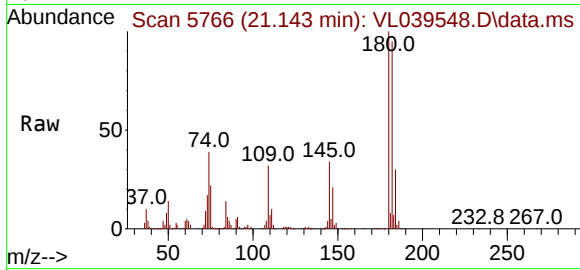
115 37.5 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 10.182 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. 0.004 min
 Lab File: VL039548.D
 Acq: 17 Aug 2022 14:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS02



Tgt Ion:180 Resp: 1652208
 Ion Ratio Lower Upper
 180 100
 182 97.0 0.0 0.0
 184 31.3 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

