

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039536.D
 Acq On : 17 Aug 2022 3:37
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 04:40:39 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 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.207	49	1098120	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2928956	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2936002m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.776 95 2221520 10.190 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	1158805	7.482	ppbv	100
3) Chlorodifluoromethane	2.693	51	1161369	8.417	ppbv	100
4) Chloromethane	2.834	50	704358	9.176	ppbv	100
5) Vinyl Chloride	2.940	62	605073	8.092	ppbv	100
6) Bromomethane	3.137	94	233486	7.610	ppbv	100
7) Chloroethane	3.217	64	212885	8.063	ppbv	100
8) Dichlorotetrafluoroethane	2.876	85	1433199	8.405	ppbv	100
9) Propene	2.715	41	523082	8.371	ppbv	100
10) Heptane	7.587	43	1349406	9.255	ppbv	100
11) Trichlorofluoromethane	3.580	101	1441634	8.304	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.082	101	1044234	8.120	ppbv	100
13) Ethanol	3.259	45	31388m	8.632	ppbv	
14) Bromoethene	3.384	108	458914	8.451	ppbv	100
15) Acetone	3.484	43	1073399	8.393	ppbv	100
16) 1,3-Butadiene	3.005	39	594006	8.899	ppbv	100
17) tert-Butyl alcohol	3.892	59	971499	9.040	ppbv	100
18) 1,1-Dichloroethene	3.899	96	479936	8.233	ppbv	100
19) Isopropyl Alcohol	3.590	45	567586	8.383	ppbv #	100
20) Methylene Chloride	3.947	84	400795	7.872	ppbv	100
21) Allyl Chloride	4.014	41	761864	8.590	ppbv	100
22) trans-1,2-Dichloroethene	4.458	96	476597	8.492	ppbv	100
23) Vinyl Acetate	4.638	43	563384m	6.919	ppbv	
24) 1,1-Dichloroethane	4.580	63	1003377	8.309	ppbv	100
25) Ethyl Acetate	5.217	43	2404165	9.099	ppbv	100
26) Hexane	5.223	57	974412	9.245	ppbv	100
27) Carbon Disulfide	4.140	76	1157546	9.110	ppbv	100
28) Methyl tert-Butyl Ether	4.603	73	810268	7.277	ppbv	100
29) Chloroform	5.284	83	1526345	8.342	ppbv	100
30) Cyclohexane	6.606	84	812106	8.458	ppbv #	100
31) cis-1,2-Dichloroethene	5.091	61	971084	8.680	ppbv	100
32) 1,1,1-Trichloroethane	6.014	97	1473142	8.150	ppbv	100
34) 2-Butanone	4.802	43	1357368	9.324	ppbv	100
35) Carbon Tetrachloride	6.500	117	1585899	8.889	ppbv	100
36) Benzene	6.378	78	2092782	9.278	ppbv	100
37) 1,2-Dichloroethane	5.815	62	1153651	8.753	ppbv	100
38) Trichloroethene	7.300	130	1172709	9.534	ppbv	100
39) 1,2-Dichloropropane	7.082	63	781792	9.286	ppbv	100
40) 1,4-Dioxane	7.294	88	309364	9.283	ppbv	100
41) Tetrahydrofuran	5.571	42	830047	9.753	ppbv	100
42) Bromodichloromethane	7.255	83	1645436	9.247	ppbv	100
43) Methyl Methacrylate	7.484	69	832907	9.763	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3505145	9.178	ppbv	100
45) t-1,3-Dichloropropene	8.718	75	801818	10.773	ppbv	100

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Manual Integrations
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 Supervised By :Mahesh Dadoda 08/19/2022

Quant Time: Aug 17 04:40:39 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.149	75	1099678	10.581	ppbv	100
47) 1,1,2-Trichloroethane	8.905	97	878050	9.300	ppbv	100
48) Dibromochloromethane	9.712	129	1495793	10.037	ppbv	100
49) Bromoform	12.409	173	1273373	10.574	ppbv #	100
50) 4-Methyl-2-Pentanone	8.188	43	2260293	10.140	ppbv	100
51) 2-Hexanone	9.558	43	1765005	10.503	ppbv	100
52) Tetrachloroethene	10.622	164	792029	8.753	ppbv	100
53) Toluene	9.226	91	2498456	9.640	ppbv	100
54) 1,2-Dibromoethane	10.014	107	1073803	9.273	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.512	131	1096470	8.630	ppbv	98
57) Chlorobenzene	11.532	112	1920477	8.584	ppbv	100
58) Ethyl Benzene	12.094	91	3317590	8.941	ppbv	100
59) m/p-Xylene	12.374	91	5648298m	17.296	ppbv	
60) o-Xylene	13.062	91	2736043	8.829	ppbv	100
61) Styrene	12.901	104	1662448	9.918	ppbv	100
62) Isopropylbenzene	14.036	105	3986764	8.458	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1125688	6.972	ppbv	100
64) n-propylbenzene	14.917	120	1044449	8.771	ppbv	99
65) tert-Butylbenzene	16.094	119	3553138	8.195	ppbv	100
66) Benzyl Chloride	16.335	91	349300	8.890	ppbv #	90
67) sec-Butylbenzene	16.638	105	5001074	8.534	ppbv	100
69) p-Isopropyltoluene	17.001	119	4217814	8.519	ppbv	100
70) n-Butylbenzene	17.892	91	4222815	8.764	ppbv	100
71) 2-Chlorotoluene	14.805	91	2978767	8.817	ppbv	99
72) 4-Ethyltoluene	15.197	105	3288038	9.002	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.351	105	2937128	8.794	ppbv	100
74) 1,2,4-Trimethylbenzene	16.110	105	3138370	8.523	ppbv	100
75) 1,3-Dichlorobenzene	16.329	146	1898543	8.645	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1870985	8.495	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1829388	8.423	ppbv	100
78) Hexachloro-1,3-Butadiene	22.637	225	1332128	7.570	ppbv #	100
79) Naphthalene	21.380	128	2750843	10.760	ppbv	100
80) Naphthalene,2-methyl-	24.377	142	1235052	13.515	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.139	180	1532036	9.236	ppbv #	100

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

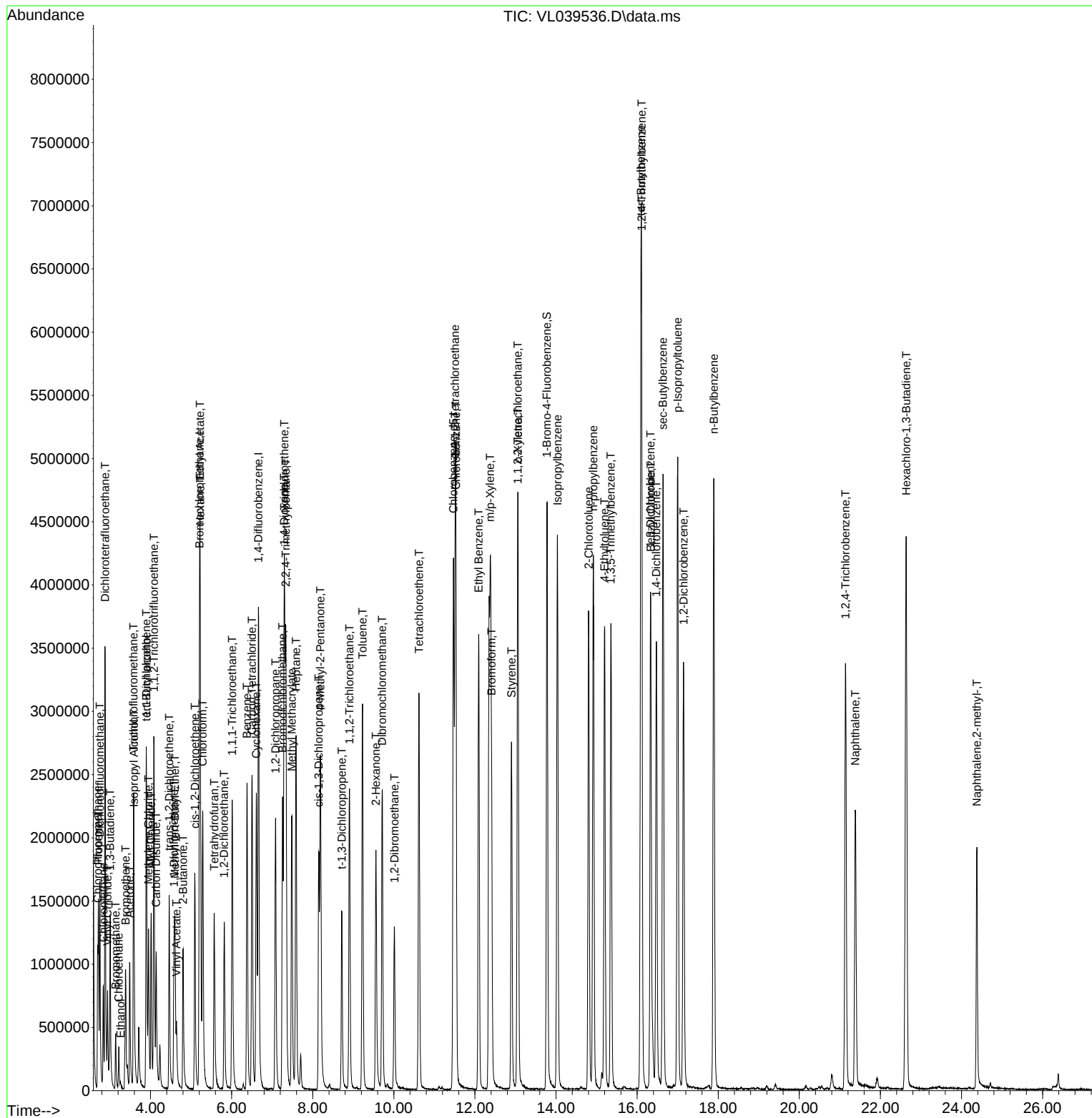
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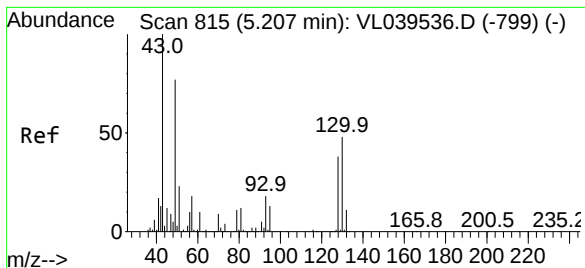
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

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

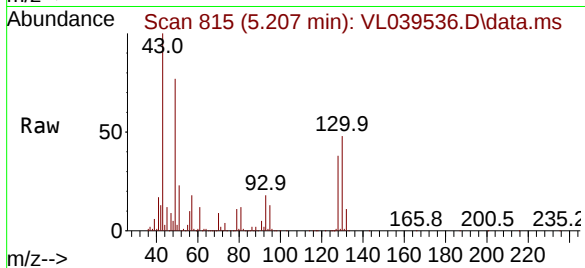
Quant Time: Aug 17 04:40:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.207 min Scan# 815
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

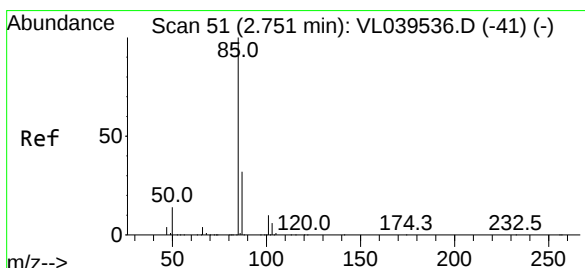
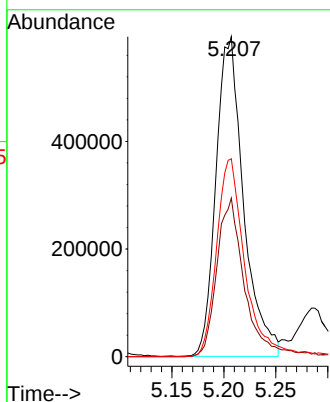
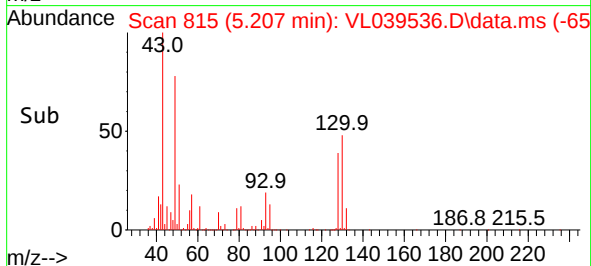
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 1098120
Ion Ratio Lower Upper
49 100
128 50.2 25.7 77.0
130 65.2 31.6 95.0

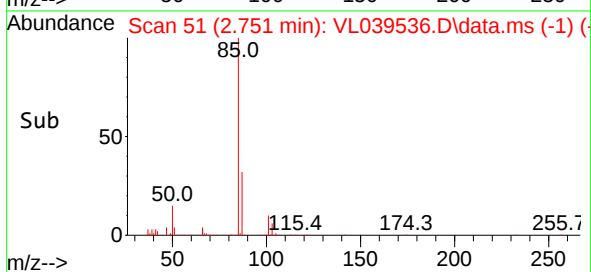
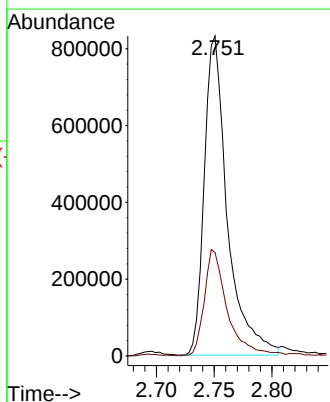
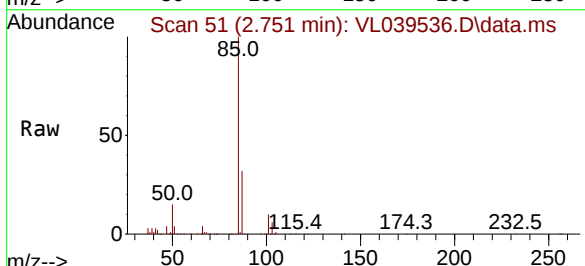
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 7.482 ppbv
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

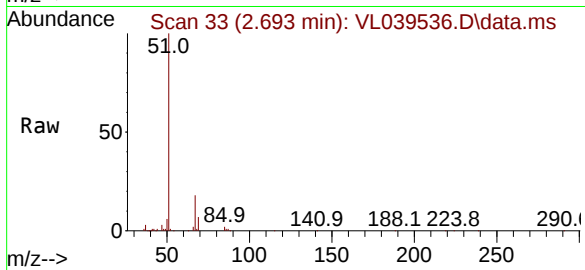
Tgt Ion: 85 Resp: 1158805
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9





#3
Chlorodifluoromethane
Concen: 8.417 ppbv
RT: 2.693 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

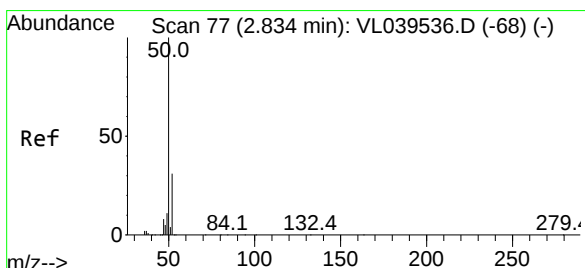
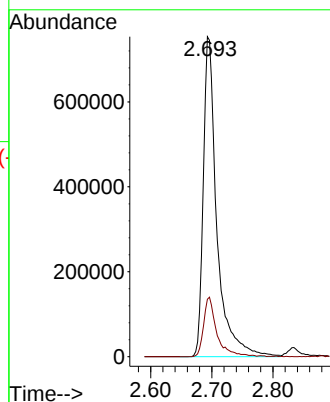
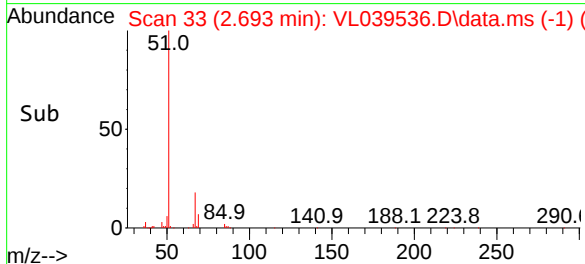
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



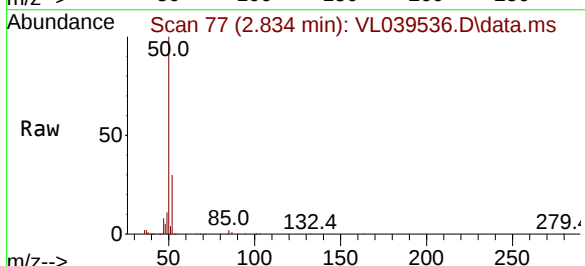
Tgt Ion: 51 Resp: 1161369
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1

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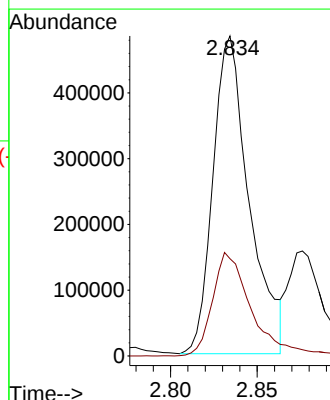
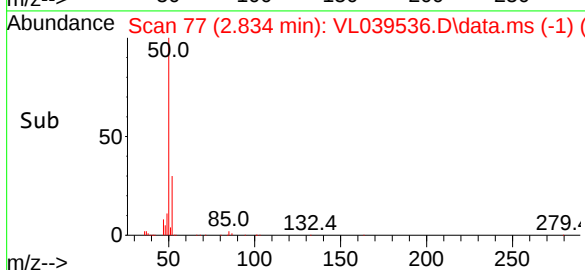
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

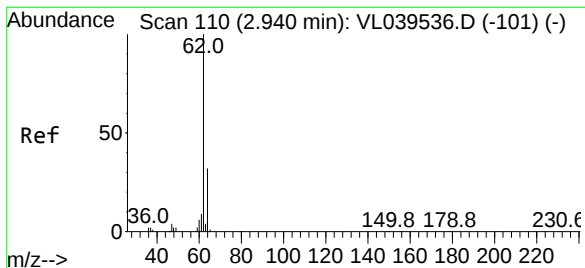


#4
Chloromethane
Concen: 9.176 ppbv
RT: 2.834 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



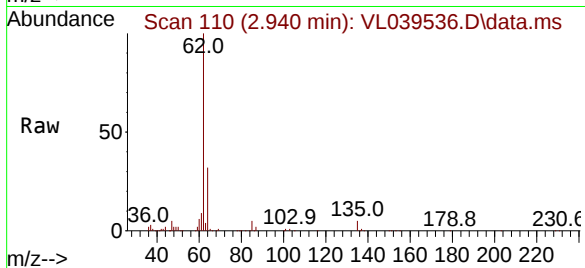
Tgt Ion: 50 Resp: 704358
Ion Ratio Lower Upper
50 100
52 30.5 24.3 36.5





#5
 Vinyl Chloride
 Concen: 8.092 ppbv
 RT: 2.940 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

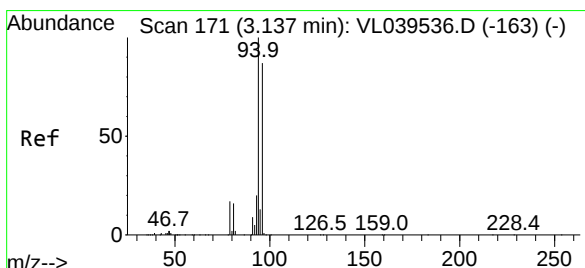
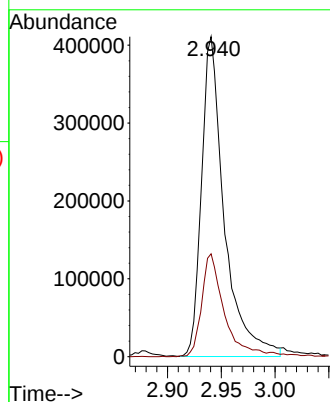
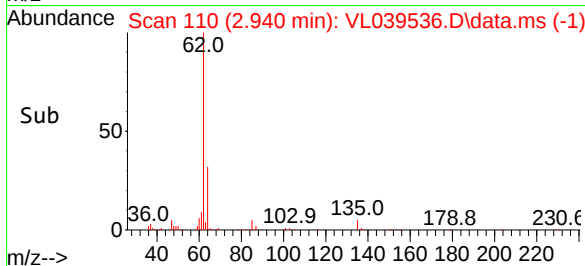
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



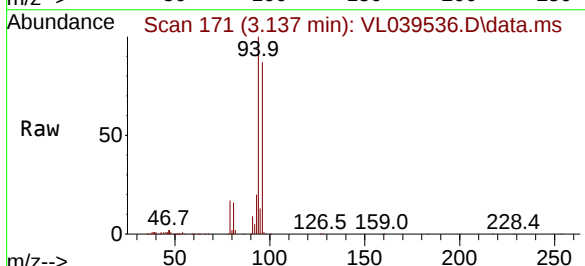
Tgt Ion: 62 Resp: 605073
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.5 38.3

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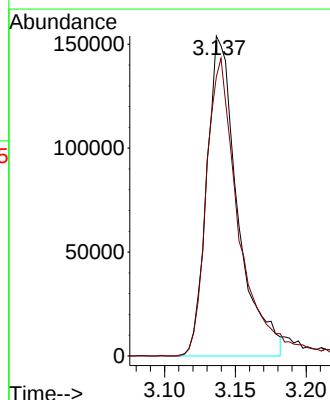
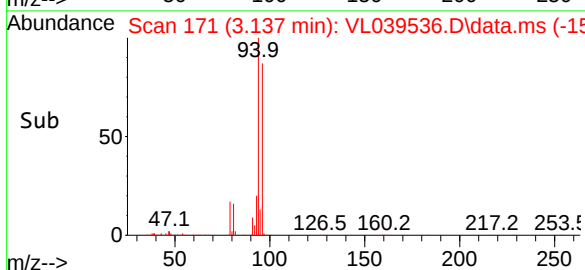
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

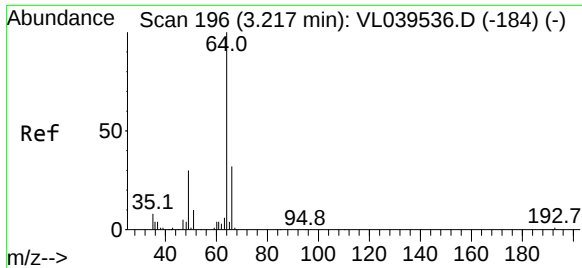


#6
 Bromomethane
 Concen: 7.610 ppbv
 RT: 3.137 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37



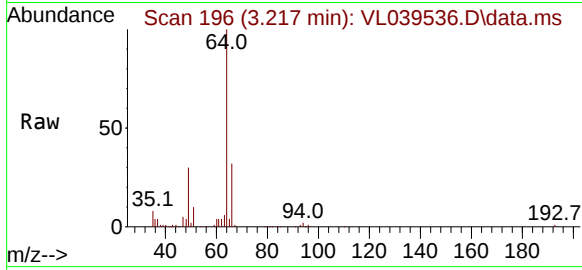
Tgt Ion: 94 Resp: 233486
 Ion Ratio Lower Upper
 94 100
 96 86.9 69.8 104.6





#7
Chloroethane
Concen: 8.063 ppbv
RT: 3.217 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

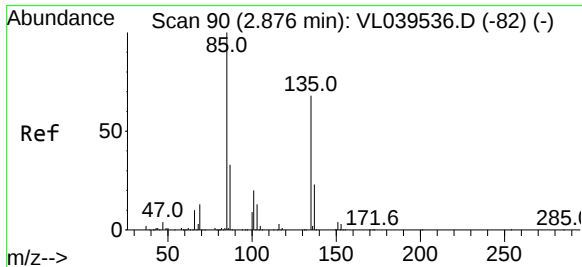
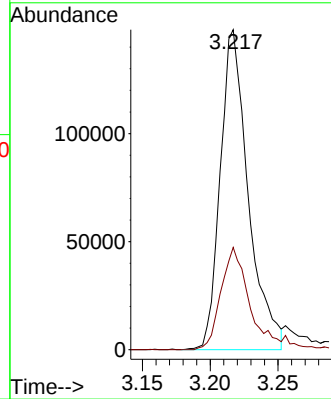
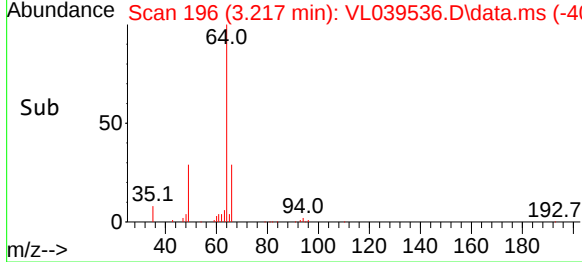
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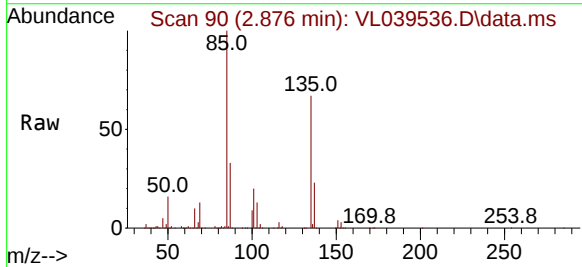
Tgt Ion: 64 Resp: 21288
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

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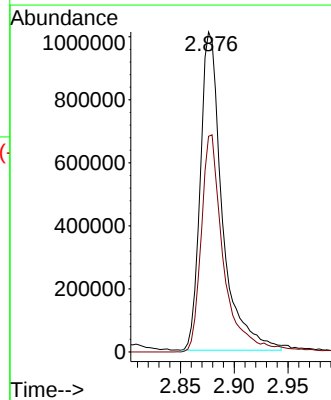
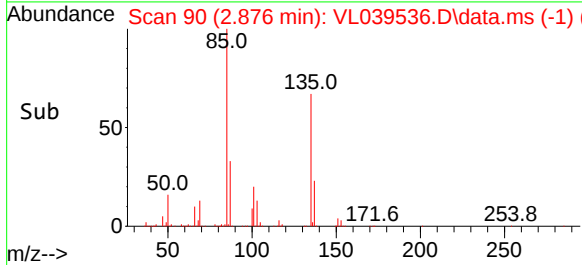
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#8
Dichlorotetrafluoroethane
Concen: 8.405 ppbv
RT: 2.876 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



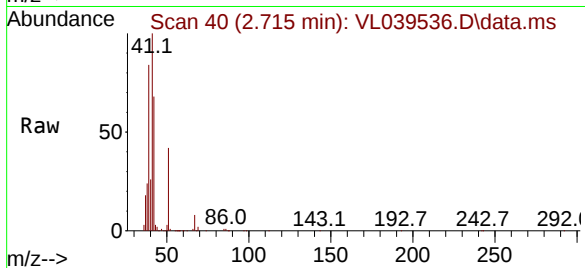
Tgt Ion: 85 Resp: 1433199
Ion Ratio Lower Upper
85 100
135 70.4 56.3 84.5





#9
 Propene
 Concen: 8.371 ppbv
 RT: 2.715 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

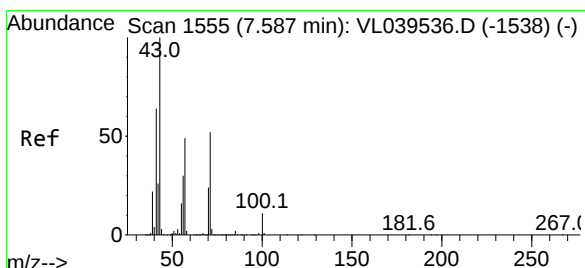
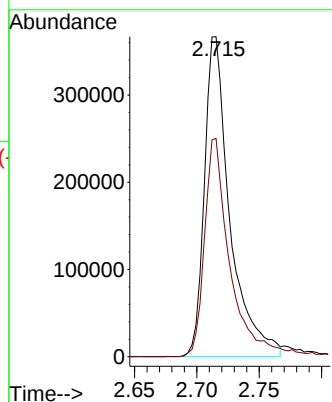
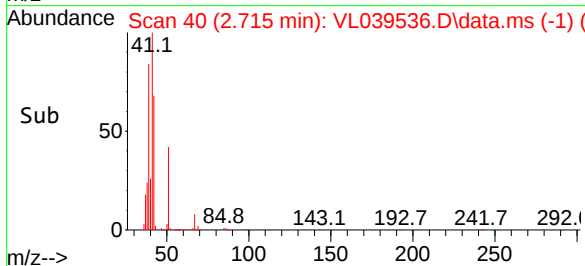
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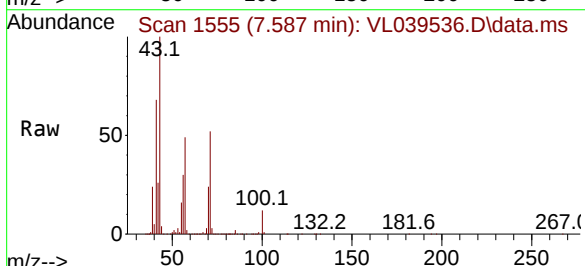
Tgt Ion: 41 Resp: 52308
 Ion Ratio Lower Upper
 41 100
 42 69.2 55.4 83.0

Manual Integrations
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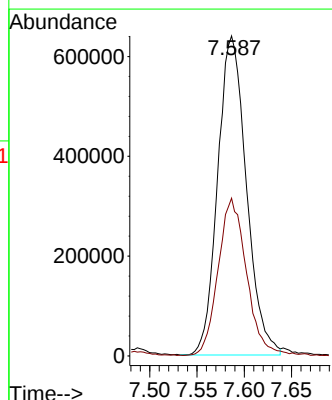
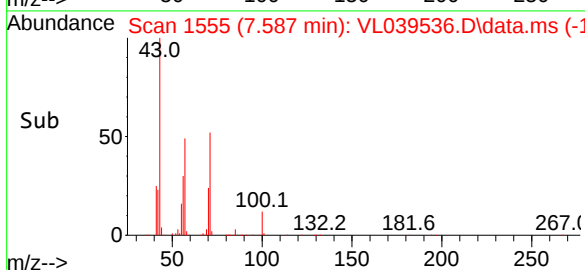
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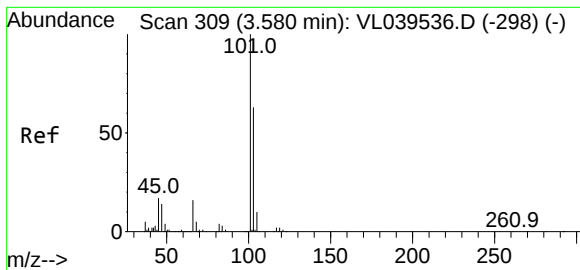


#10
 Heptane
 Concen: 9.255 ppbv
 RT: 7.587 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37



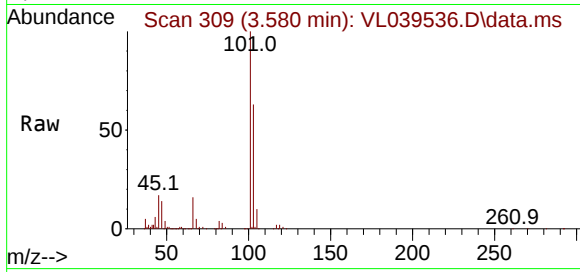
Tgt Ion: 43 Resp: 1349406
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.8 59.6





#11
Trichlorofluoromethane
Concen: 8.304 ppbv
RT: 3.580 min Scan# 309
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

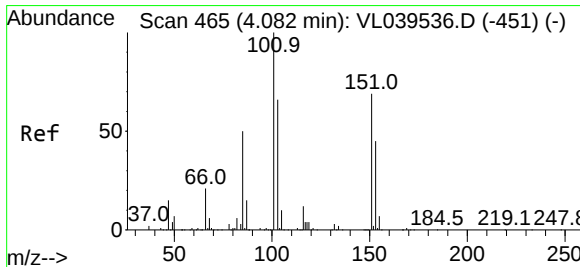
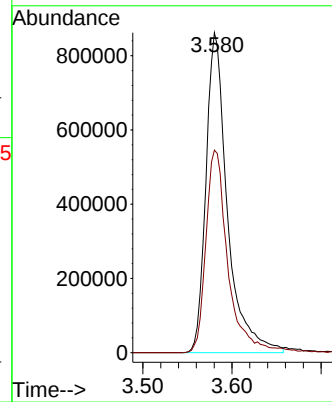
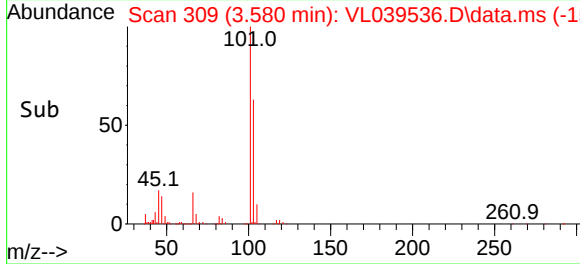
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



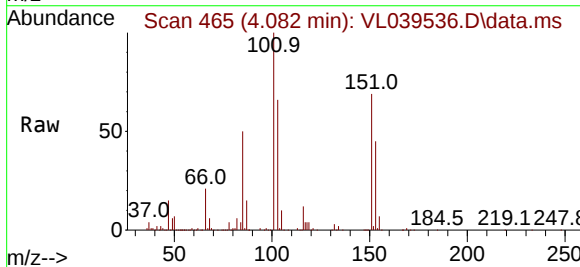
Tgt Ion:101 Resp: 1441634
Ion Ratio Lower Upper
101 100
103 63.3 50.6 76.0

Manual Integrations
APPROVED

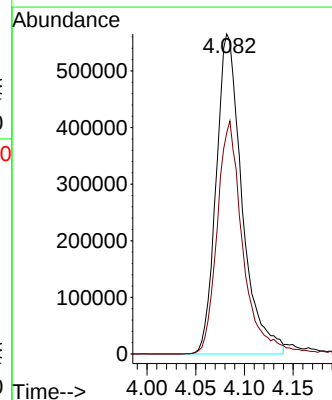
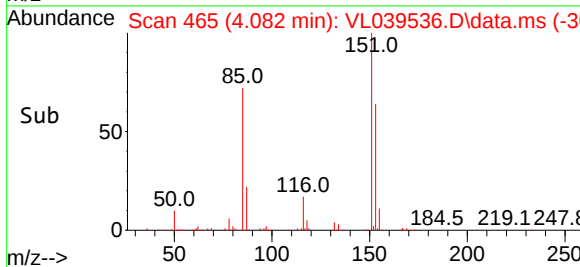
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

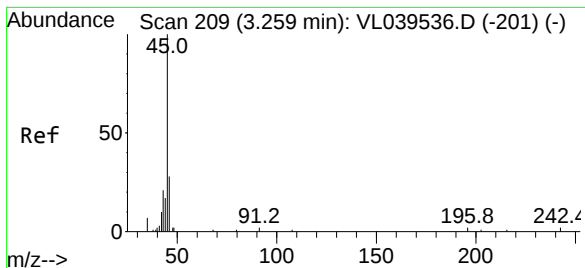


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.120 ppbv
RT: 4.082 min Scan# 465
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



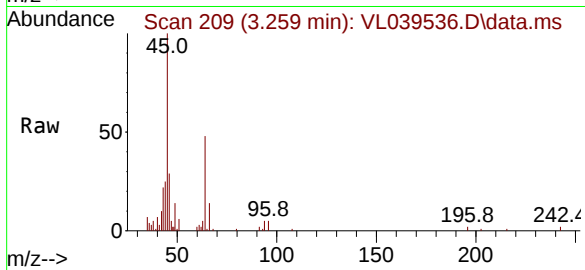
Tgt Ion:101 Resp: 1044234
Ion Ratio Lower Upper
101 100
151 73.3 58.6 87.8





#13
Ethanol
Concen: 8.632 ppbv m
RT: 3.259 min Scan# 209
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

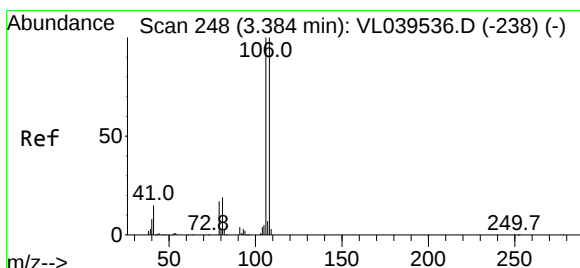
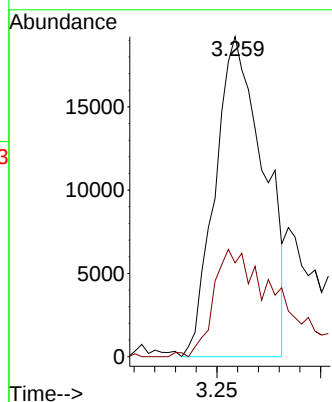
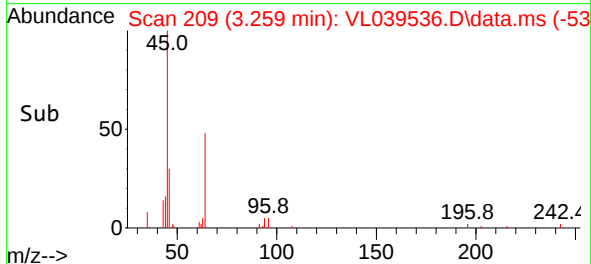
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



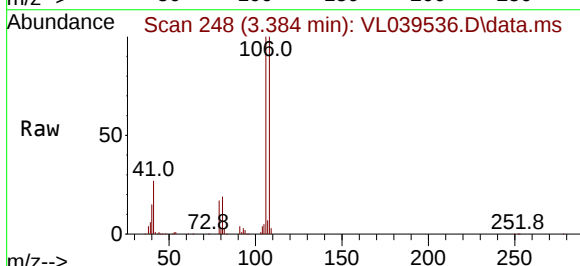
Tgt Ion: 45 Resp: 3138
Ion Ratio Lower Upper
45 100
46 47.8 19.3 77.1

Manual Integrations
APPROVED

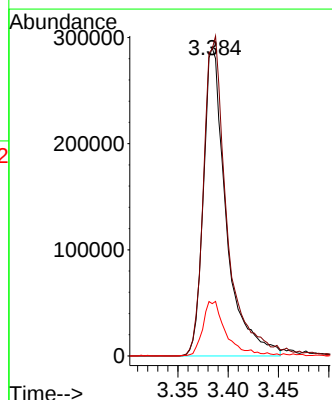
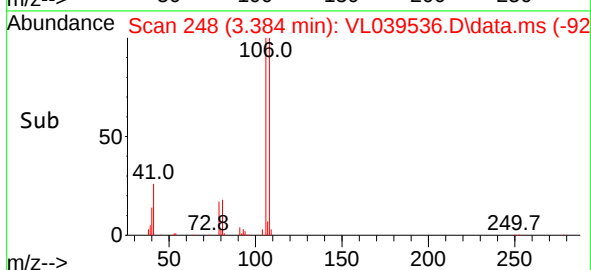
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

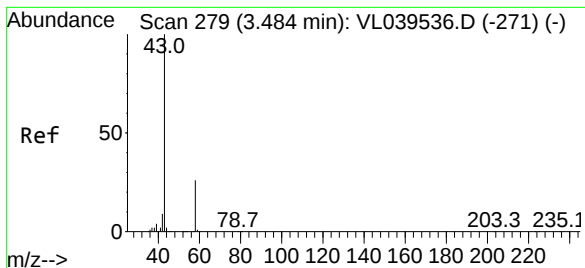


#14
Bromoethene
Concen: 8.451 ppbv
RT: 3.384 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



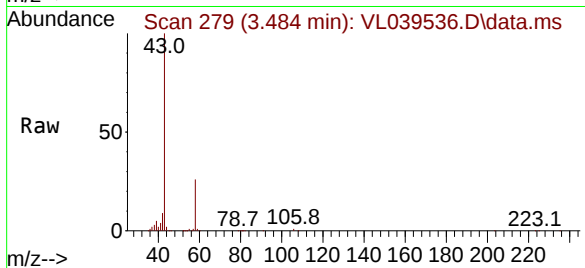
Tgt Ion:108 Resp: 458914
Ion Ratio Lower Upper
108 100
106 107.8 86.6 130.0
79 19.0 15.1 22.7





#15
Acetone
Concen: 8.393 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

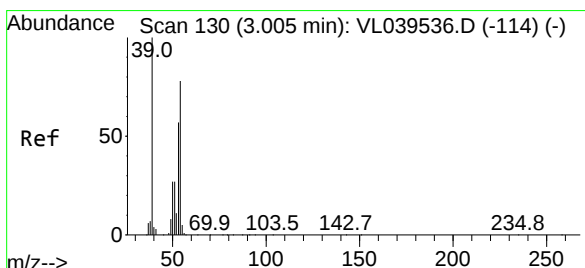
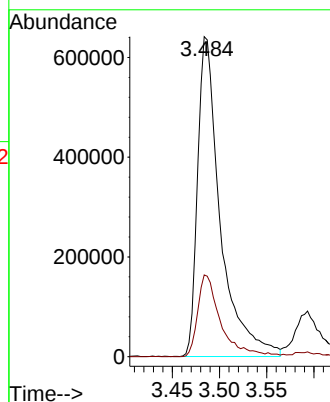
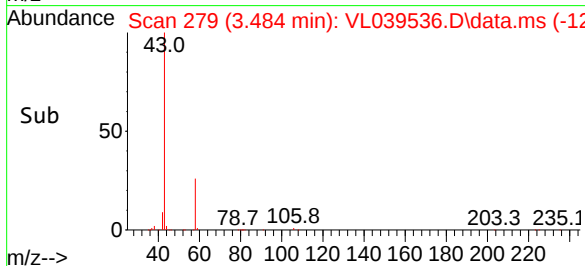
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



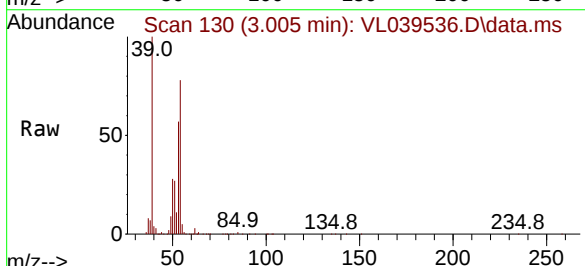
Tgt Ion: 43 Resp: 107339
Ion Ratio Lower Upper
43 100
58 26.1 20.7 31.1

Manual Integrations
APPROVED

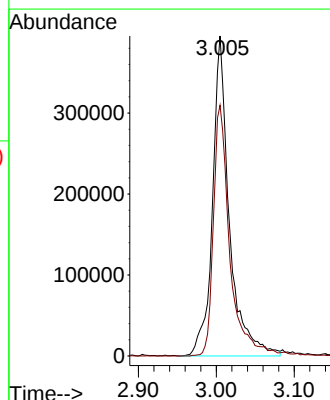
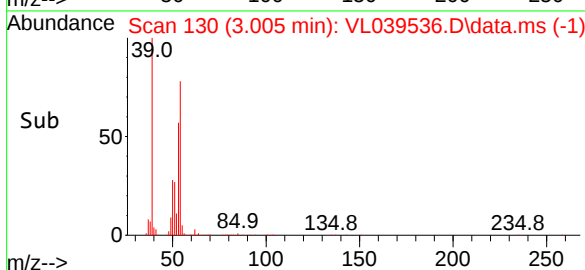
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

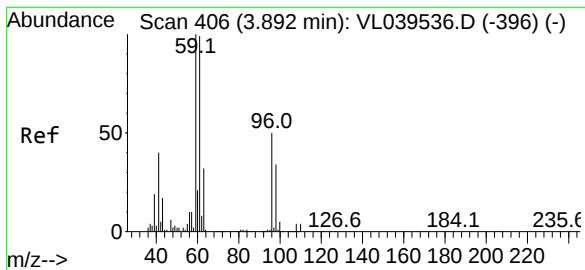


#16
1,3-Butadiene
Concen: 8.899 ppbv
RT: 3.005 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



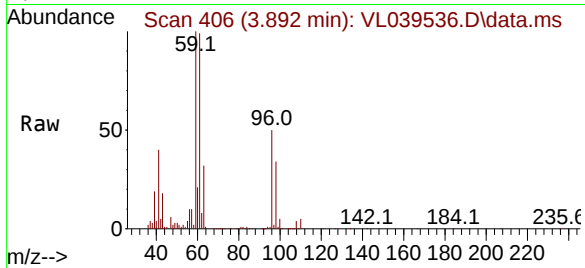
Tgt Ion: 39 Resp: 594006
Ion Ratio Lower Upper
39 100
54 77.3 61.8 92.8





#17
tert-Butyl alcohol
Concen: 9.040 ppbv
RT: 3.892 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

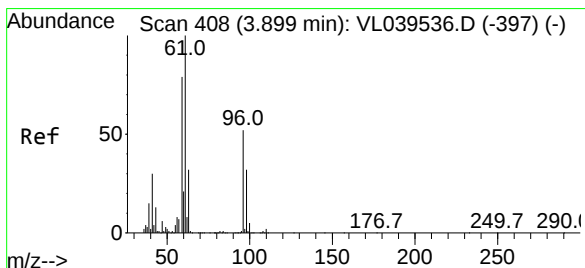
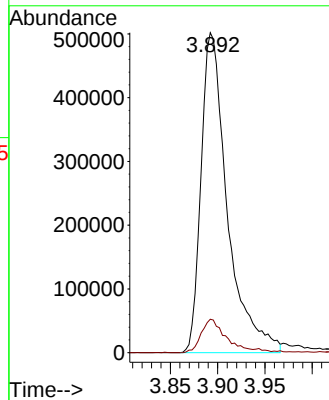
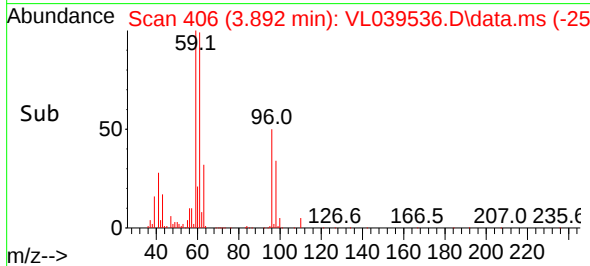
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



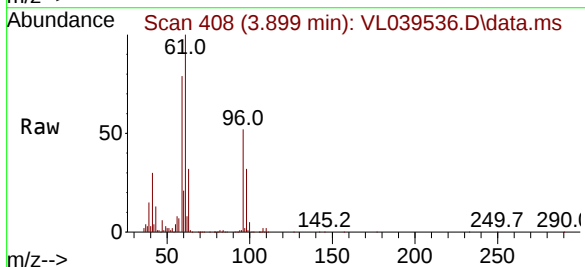
Tgt Ion: 59 Resp: 971499
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

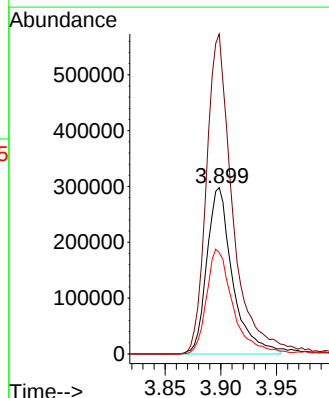
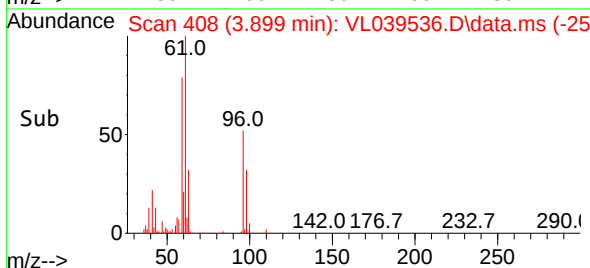
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 8.233 ppbv
RT: 3.899 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



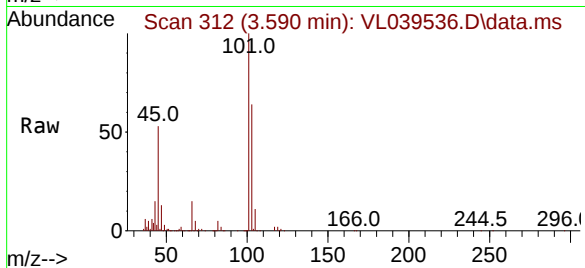
Tgt Ion: 96 Resp: 479936
Ion Ratio Lower Upper
96 100
61 192.2 153.8 230.6
98 60.8 48.6 73.0





#19
Isopropyl Alcohol
Concen: 8.383 ppbv
RT: 3.590 min Scan# 312
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

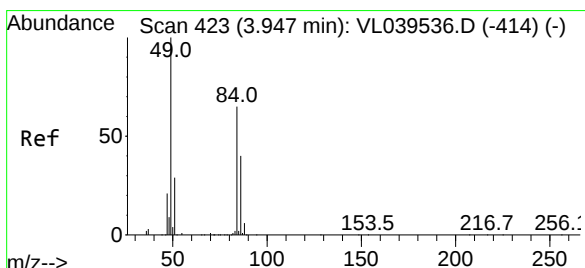
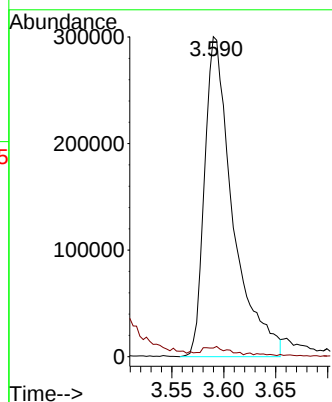
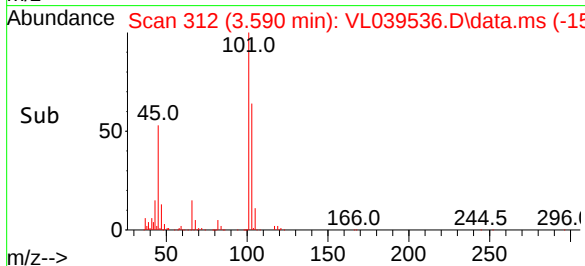
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



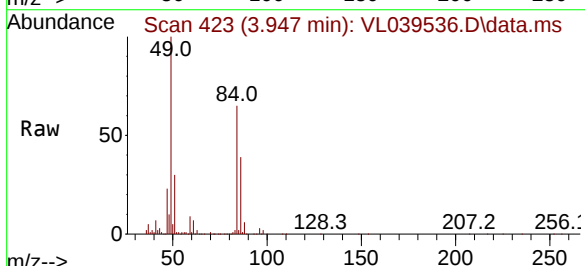
Tgt Ion: 45 Resp: 567580
Ion Ratio Lower Upper
45 100
58 2.4 0.0 0.0

Manual Integrations
APPROVED

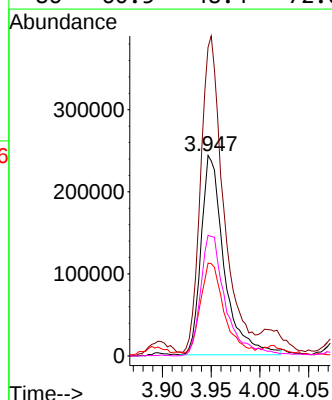
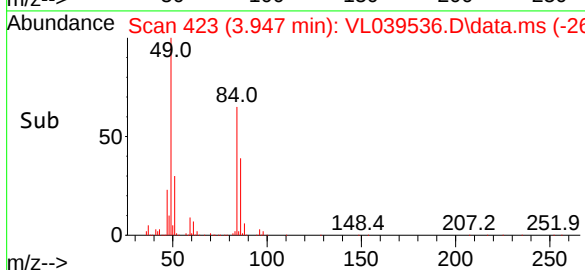
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

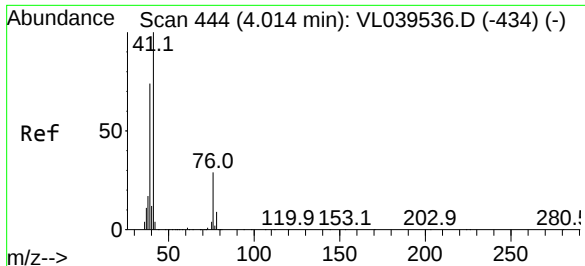


#20
Methylene Chloride
Concen: 7.872 ppbv
RT: 3.947 min Scan# 423
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



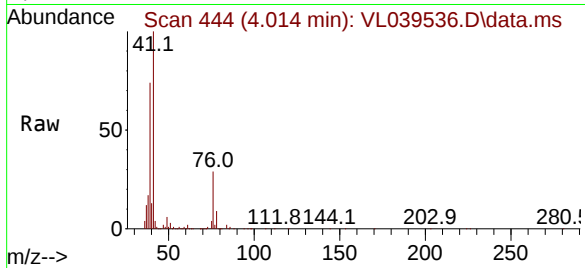
Tgt Ion: 84 Resp: 400795
Ion Ratio Lower Upper
84 100
49 152.8 122.2 183.4
51 44.7 35.8 53.6
86 60.5 48.4 72.6





#21
 Allyl Chloride
 Concen: 8.590 ppbv
 RT: 4.014 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

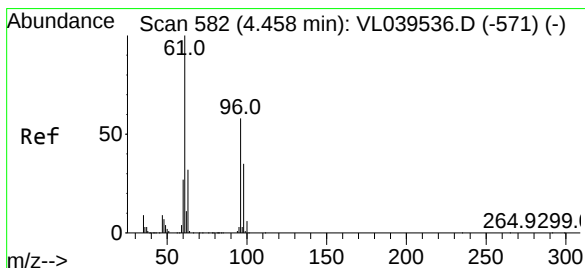
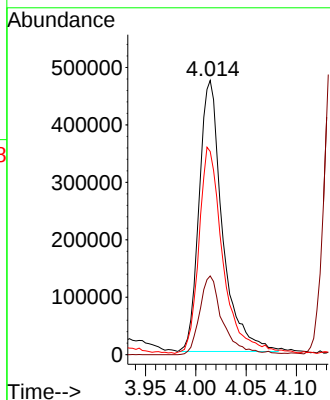
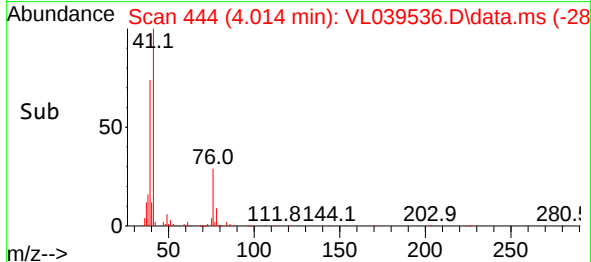
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 761864
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.1 34.7
 39 79.3 63.4 95.2

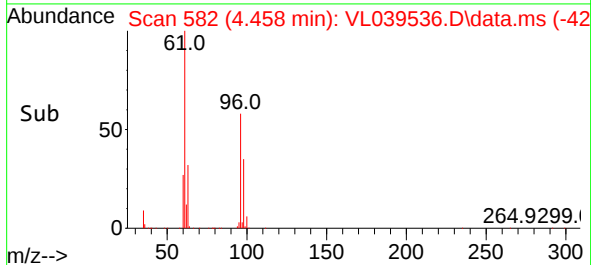
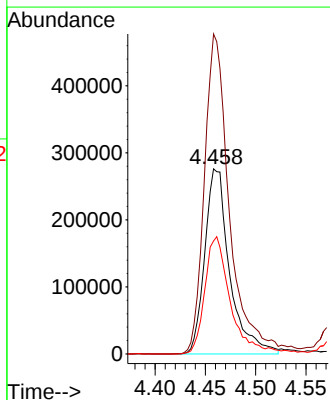
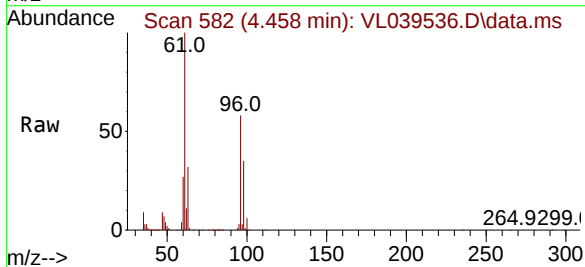
Manual Integrations
 APPROVED

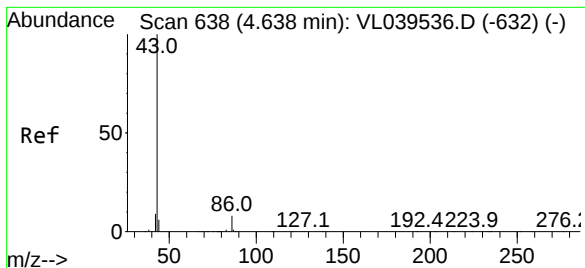
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.492 ppbv
 RT: 4.458 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

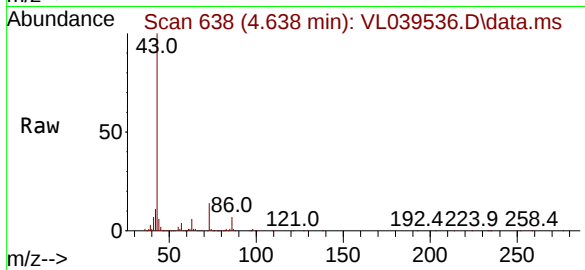
Tgt Ion: 96 Resp: 476597
 Ion Ratio Lower Upper
 96 100
 61 172.6 138.1 207.1
 98 61.0 48.8 73.2





#23
 Vinyl Acetate
 Concen: 6.919 ppbv m
 RT: 4.638 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

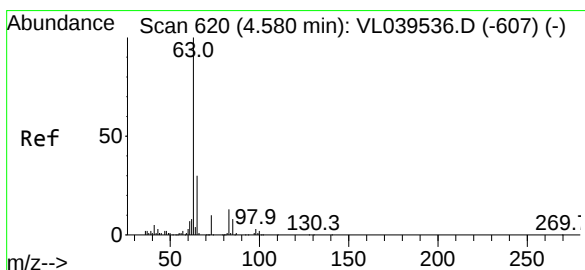
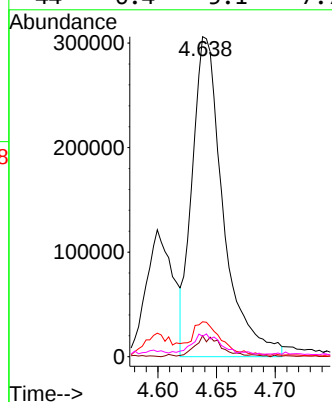
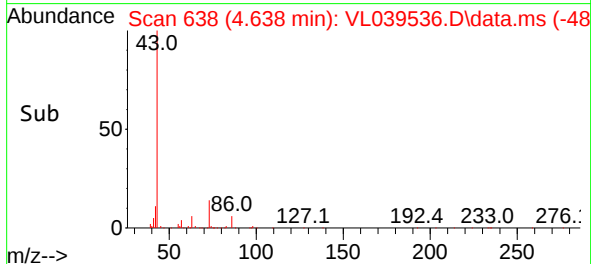
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 563384
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.3 7.9
 42 10.9 8.7 13.1
 44 6.4 5.1 7.7

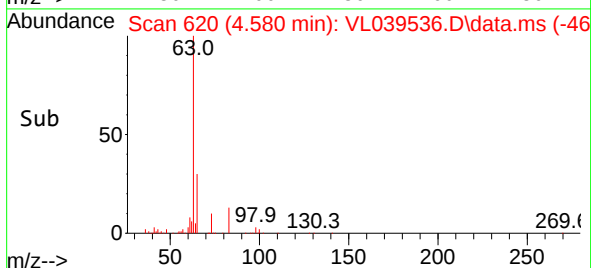
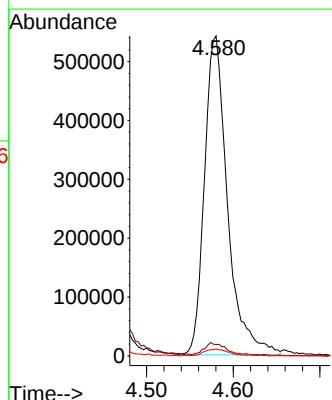
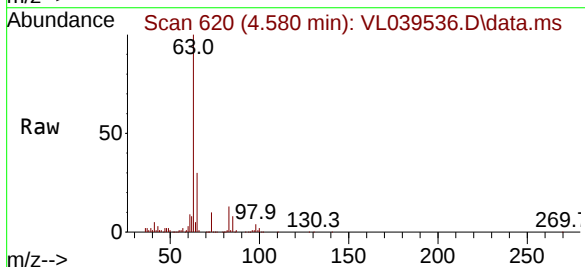
Manual Integrations
 APPROVED

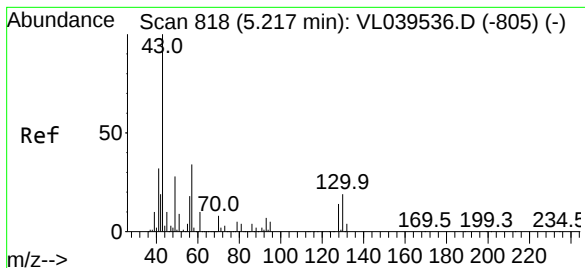
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#24
 1,1-Dichloroethane
 Concen: 8.309 ppbv
 RT: 4.580 min Scan# 620
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

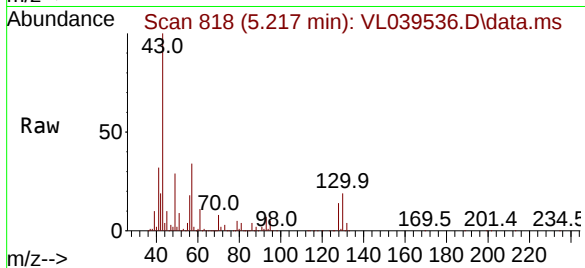
Tgt Ion: 63 Resp: 1003377
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.7 5.0
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 9.099 ppbv
RT: 5.217 min Scan# 818
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

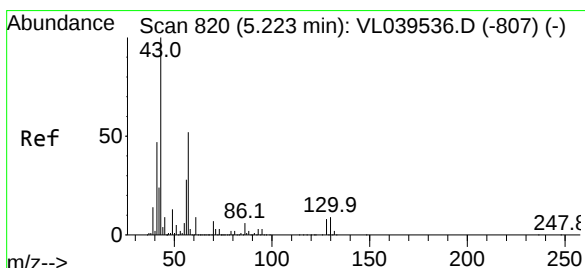
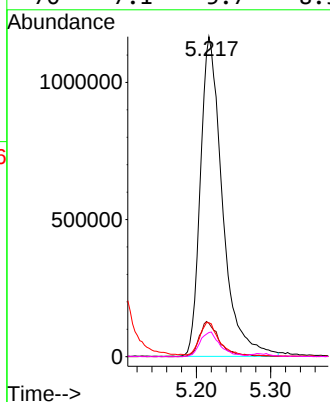
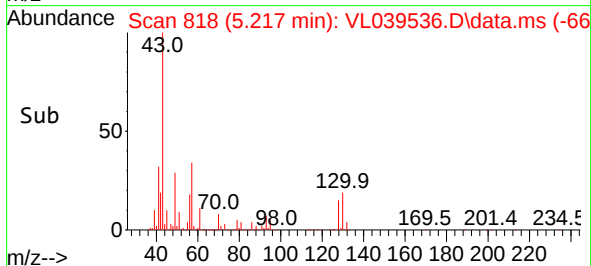
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 240416
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.7 8.6 12.8
70 7.1 5.7 8.5

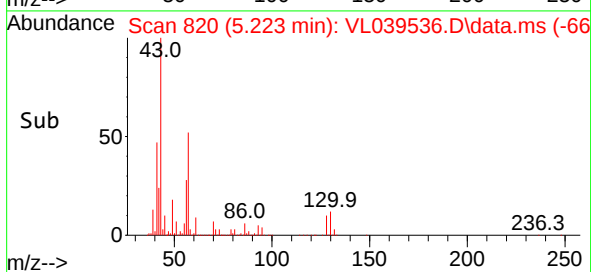
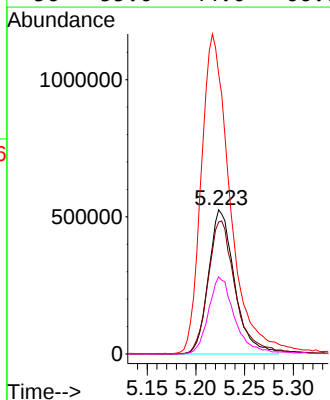
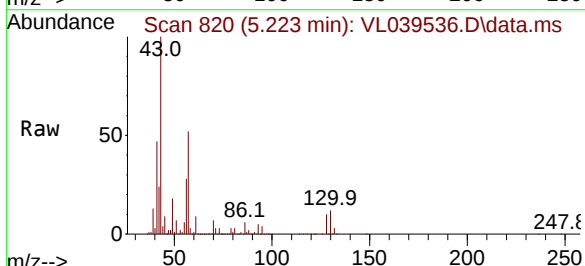
Manual Integrations
APPROVED

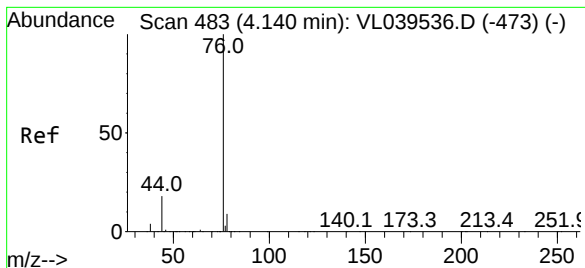
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#26
Hexane
Concen: 9.245 ppbv
RT: 5.223 min Scan# 820
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

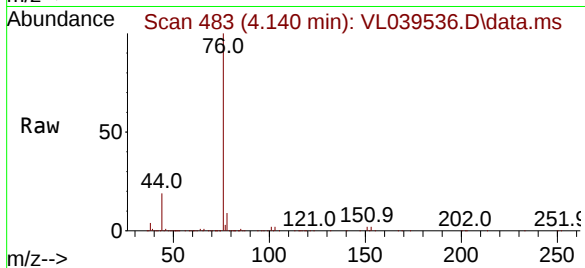
Tgt Ion: 57 Resp: 974412
Ion Ratio Lower Upper
57 100
41 99.1 79.4 119.2
43 249.8 199.7 299.5
56 55.0 44.0 66.0





#27
Carbon Disulfide
Concen: 9.110 ppbv
RT: 4.140 min Scan# 483
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

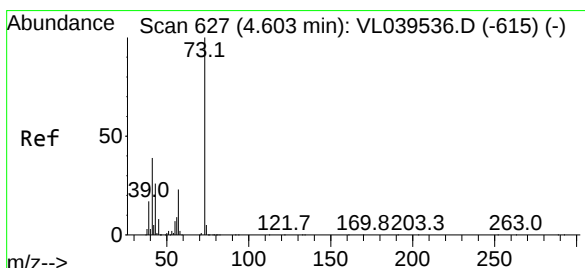
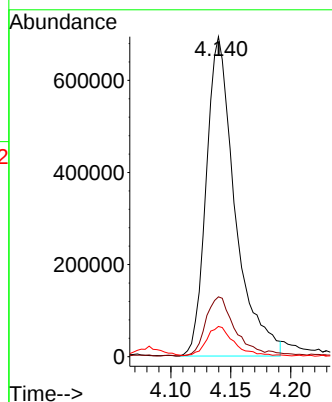
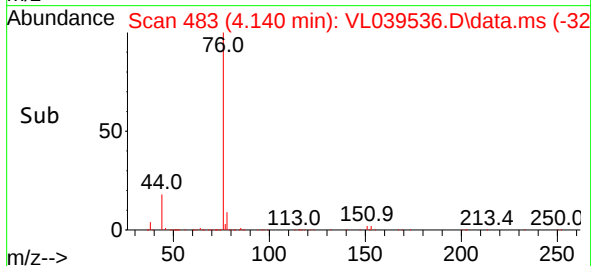
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



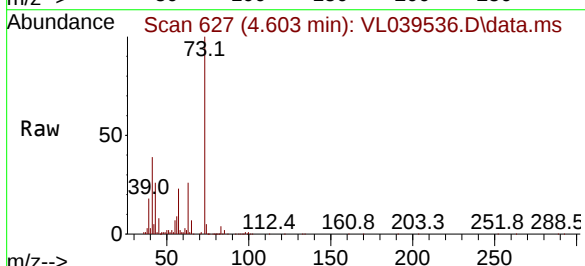
Tgt Ion: 76 Resp: 1157540
Ion Ratio Lower Upper
76 100
44 20.3 16.3 24.5
78 10.1 7.8 11.6

Manual Integrations
APPROVED

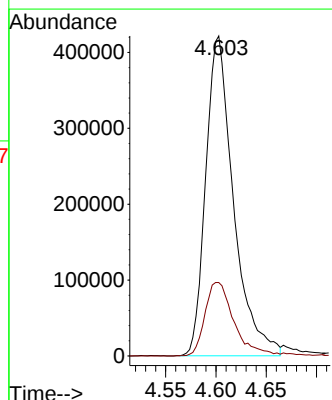
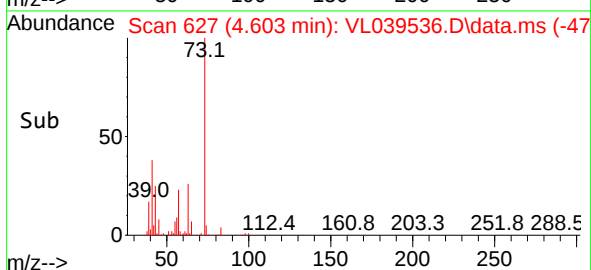
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

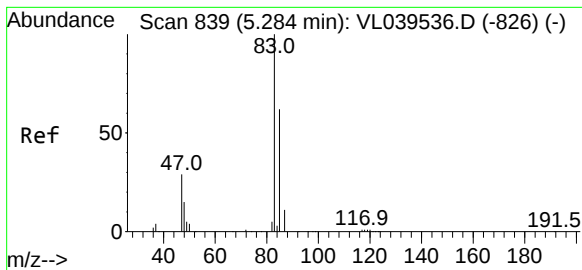


#28
Methyl tert-Butyl Ether
Concen: 7.277 ppbv
RT: 4.603 min Scan# 627
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



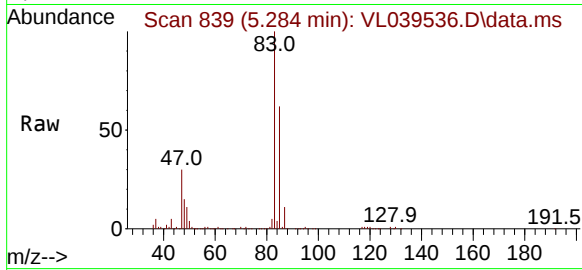
Tgt Ion: 73 Resp: 810268
Ion Ratio Lower Upper
73 100
57 24.6 19.8 29.6





#29
Chloroform
Concen: 8.342 ppbv
RT: 5.284 min Scan# 839
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

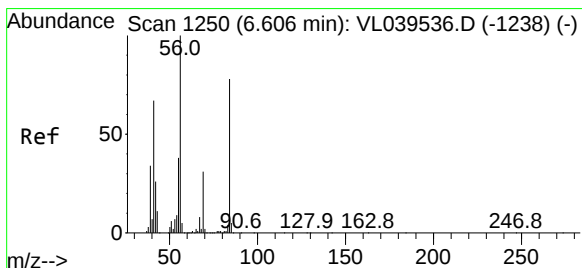
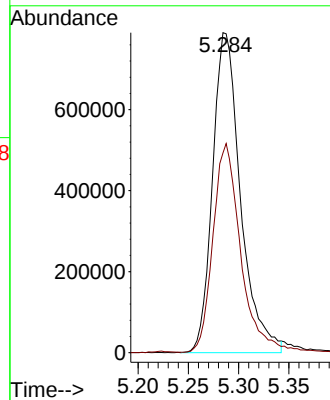
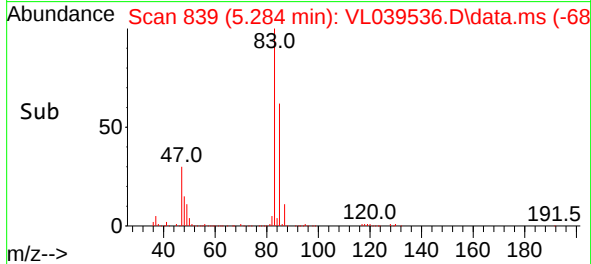
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 152634
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.8

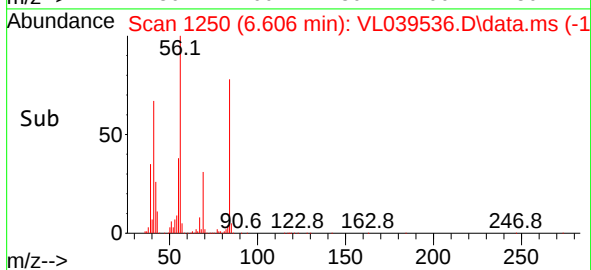
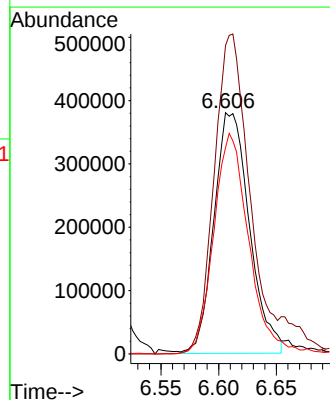
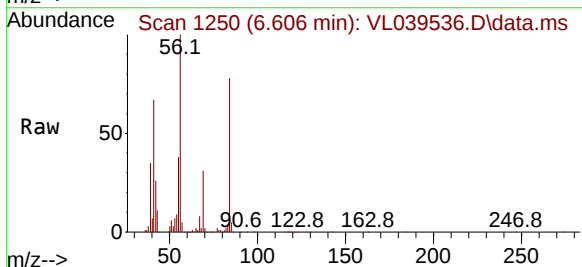
Manual Integrations
APPROVED

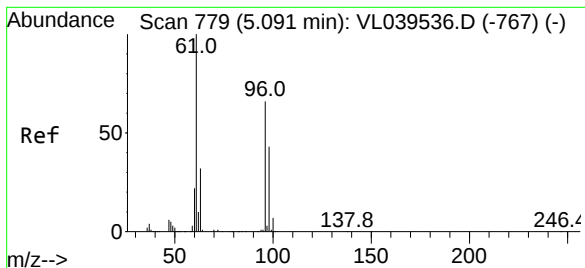
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#30
Cyclohexane
Concen: 8.458 ppbv
RT: 6.606 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 84 Resp: 812106
Ion Ratio Lower Upper
84 100
56 142.6 0.0 0.0#
41 91.5 0.0 0.0#





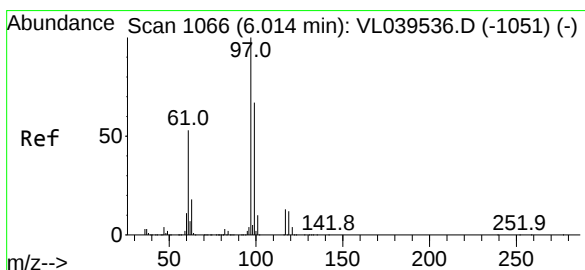
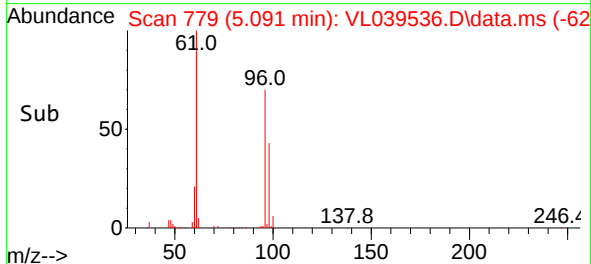
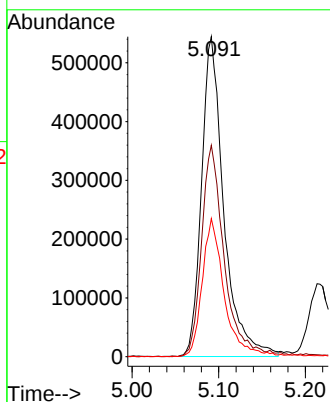
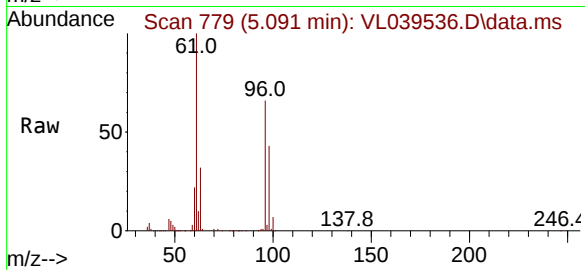
#31
 cis-1,2-Dichloroethene
 Concen: 8.680 ppbv
 RT: 5.091 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 971084
 Ion Ratio Lower Upper
 61 100
 96 66.1 52.9 79.3
 98 43.1 34.5 51.7

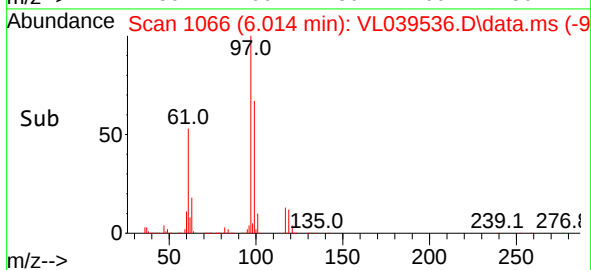
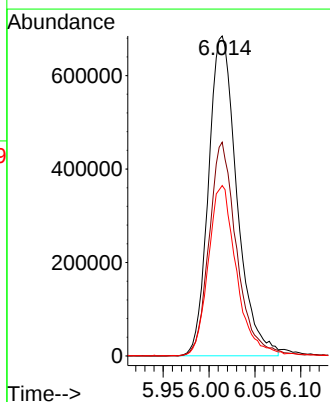
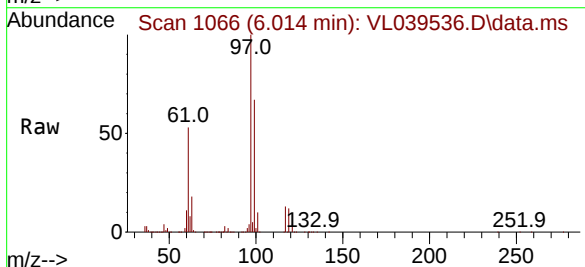
Manual Integrations
 APPROVED

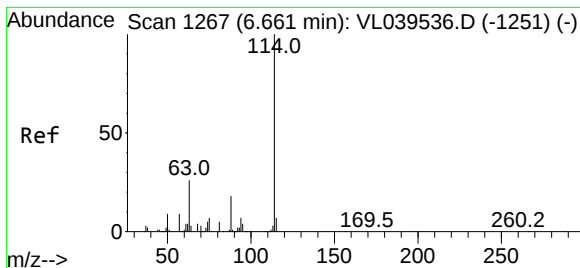
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 8.150 ppbv
 RT: 6.014 min Scan# 1066
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

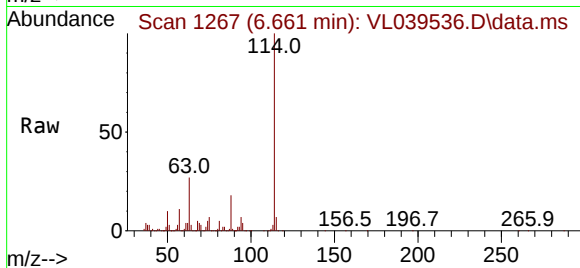
Tgt Ion: 97 Resp: 1473142
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.4 78.6
 61 53.6 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1267
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

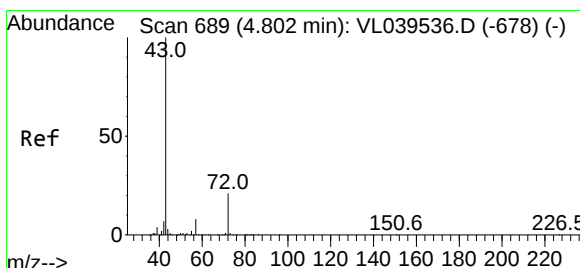
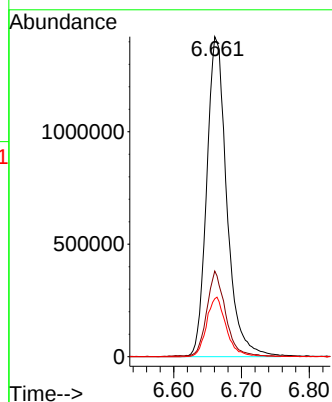
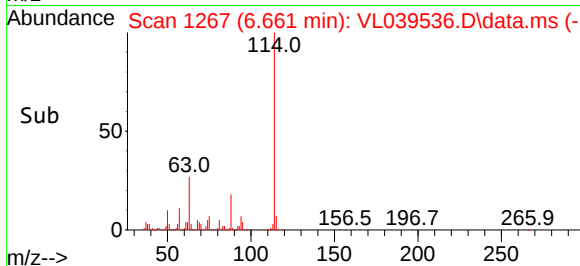
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 2928950
Ion Ratio Lower Upper
114 100
63 25.8 20.6 31.0
88 18.3 14.6 22.0

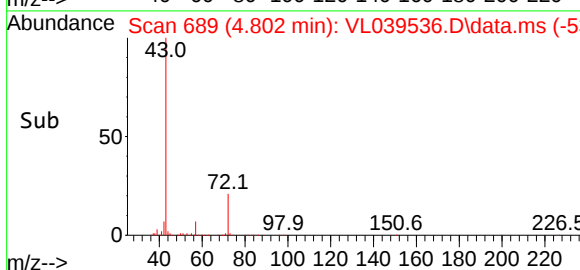
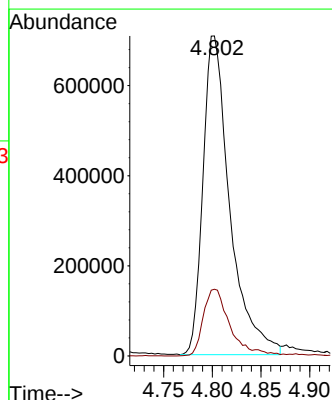
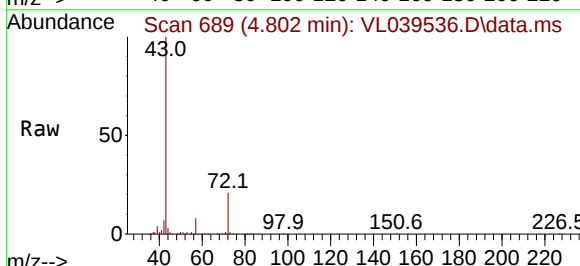
Manual Integrations
APPROVED

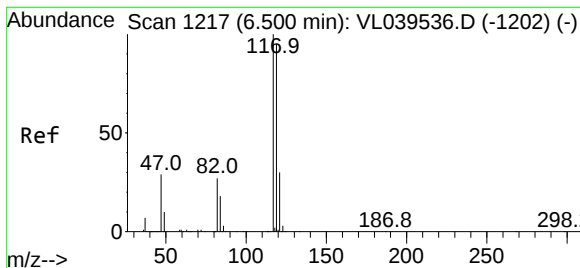
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 9.324 ppbv
RT: 4.802 min Scan# 689
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

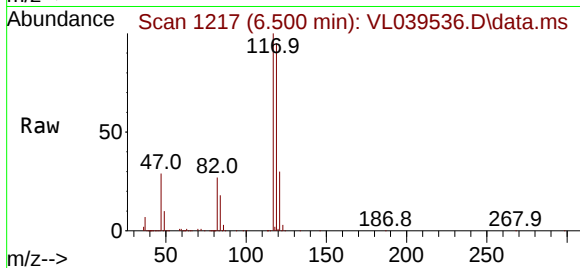
Tgt Ion: 43 Resp: 1357368
Ion Ratio Lower Upper
43 100
72 21.7 17.4 26.0





#35
Carbon Tetrachloride
Concen: 8.889 ppbv
RT: 6.500 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

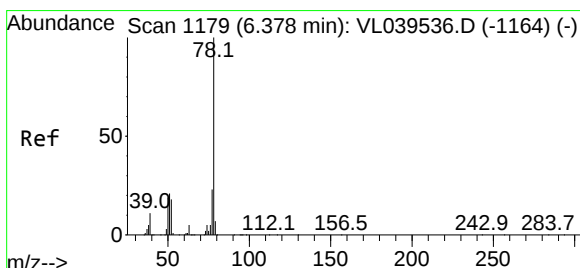
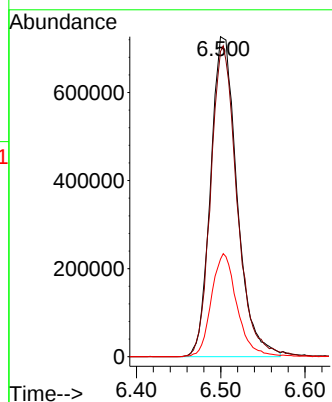
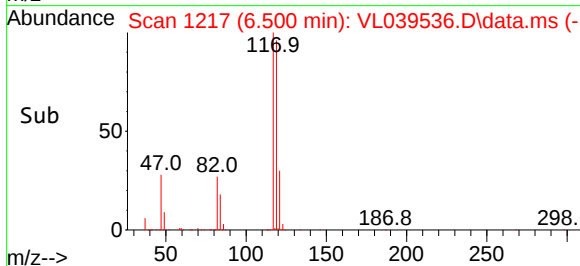
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 158589
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4
121 30.5 24.4 36.6

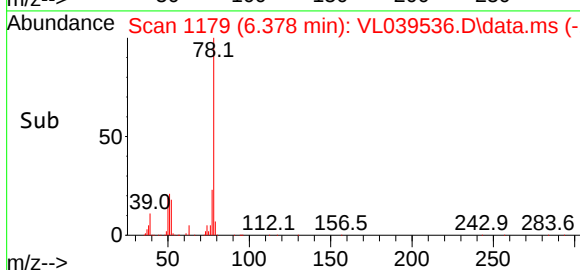
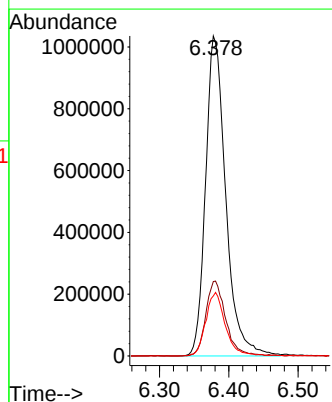
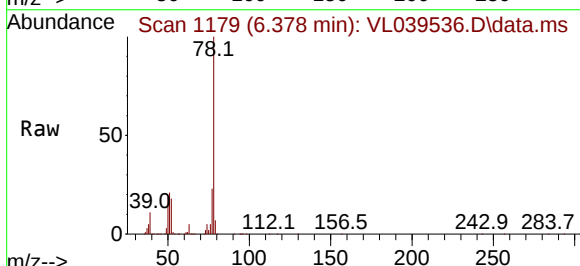
Manual Integrations
APPROVED

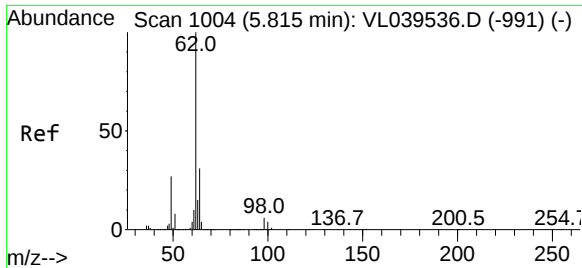
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#36
Benzene
Concen: 9.278 ppbv
RT: 6.378 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

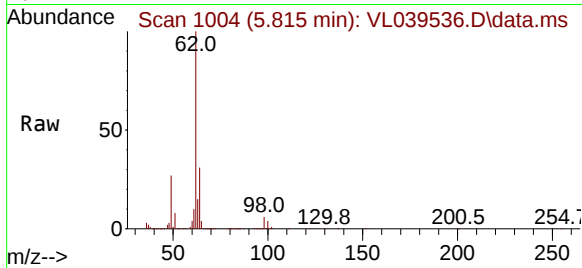
Tgt Ion: 78 Resp: 2092782
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 18.7 15.0 22.4





#37
1,2-Dichloroethane
Concen: 8.753 ppbv
RT: 5.815 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

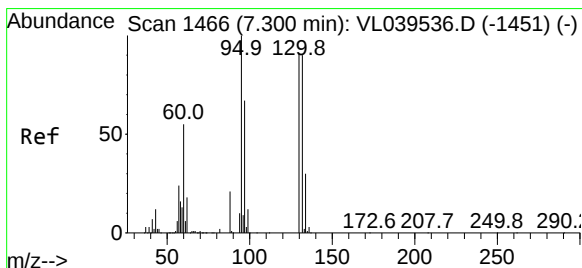
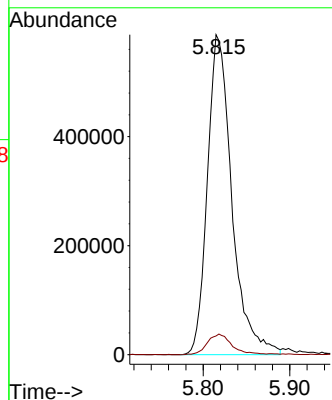
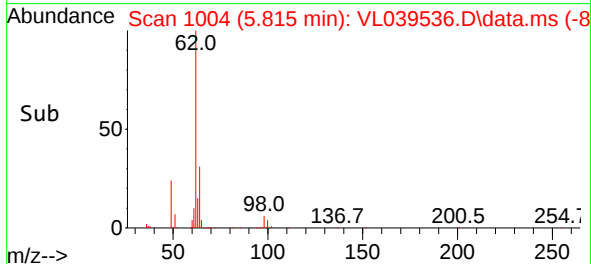
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



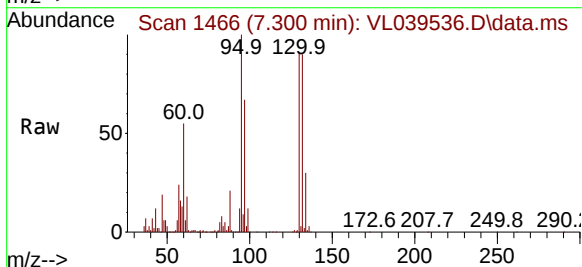
Tgt Ion: 62 Resp: 115365
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2

Manual Integrations
APPROVED

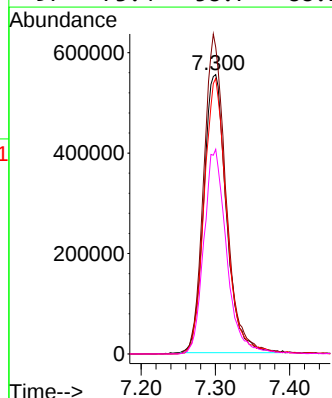
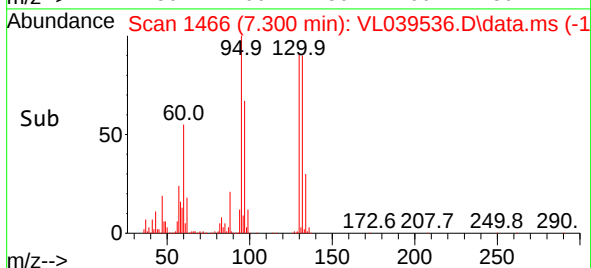
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

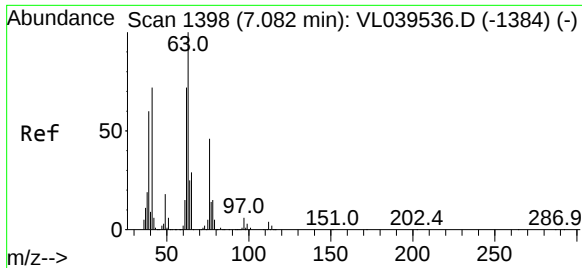


#38
Trichloroethene
Concen: 9.534 ppbv
RT: 7.300 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



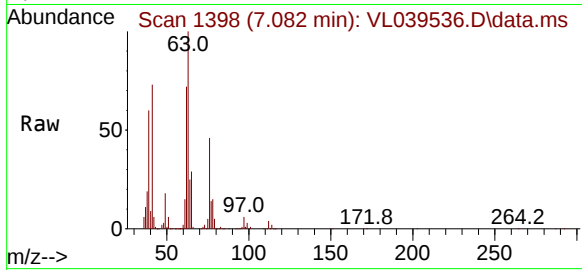
Tgt Ion:130 Resp: 1172709
Ion Ratio Lower Upper
130 100
95 110.0 88.0 132.0
132 98.9 79.1 118.7
97 73.4 58.7 88.1





#39
1,2-Dichloropropane
Concen: 9.286 ppbv
RT: 7.082 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

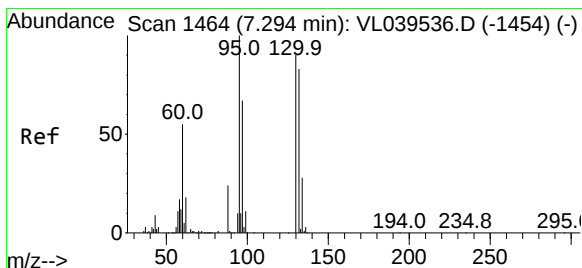
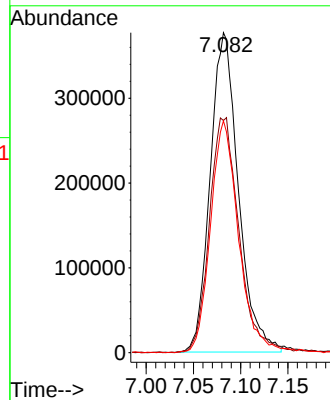
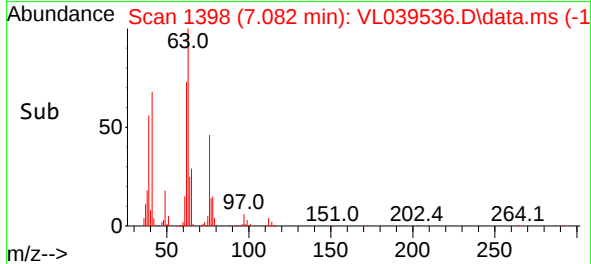
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 63 Resp: 781792
Ion Ratio Lower Upper
63 100
41 72.5 58.0 87.0
62 72.3 57.8 86.8

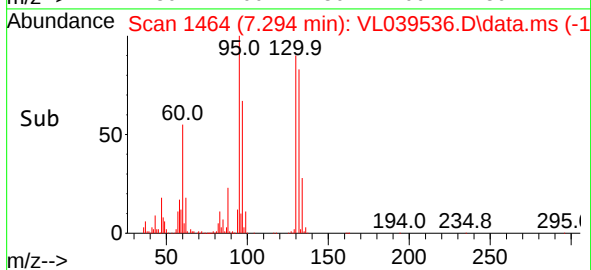
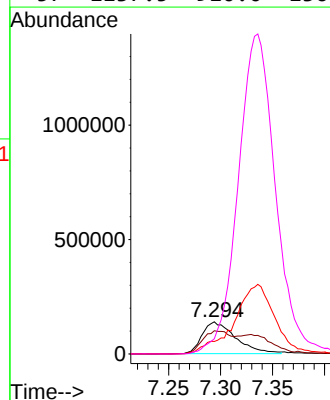
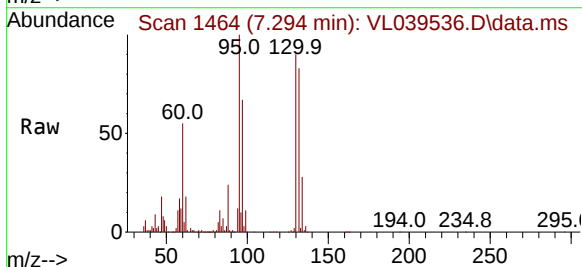
Manual Integrations
APPROVED

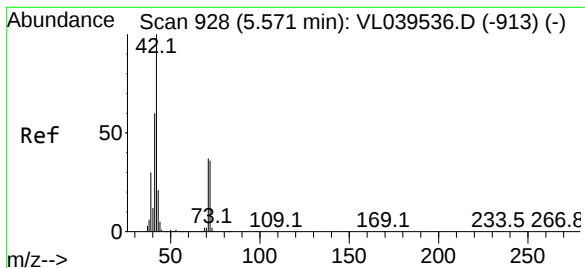
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#40
1,4-Dioxane
Concen: 9.283 ppbv
RT: 7.294 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

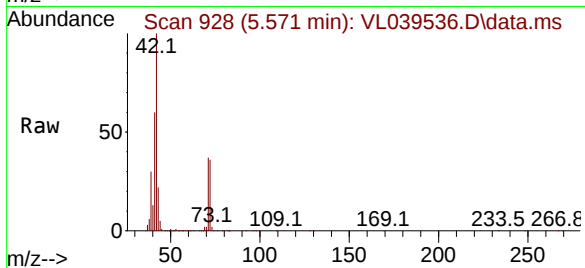
Tgt Ion: 88 Resp: 309364
Ion Ratio Lower Upper
88 100
58 128.5 102.8 154.2
43 270.2 216.2 324.2
57 1137.5 910.0 1365.0





#41
Tetrahydrofuran
Concen: 9.753 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

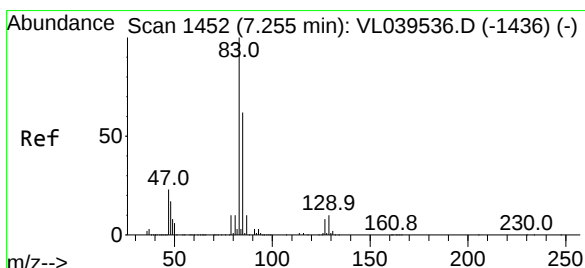
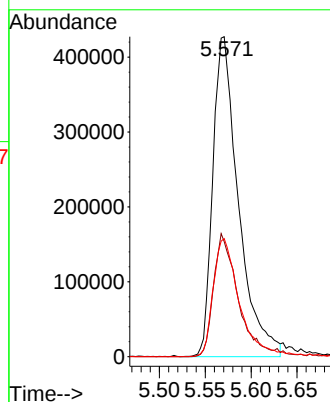
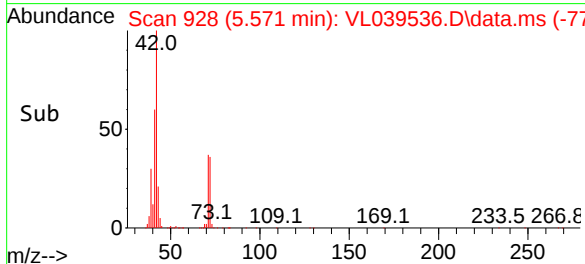
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



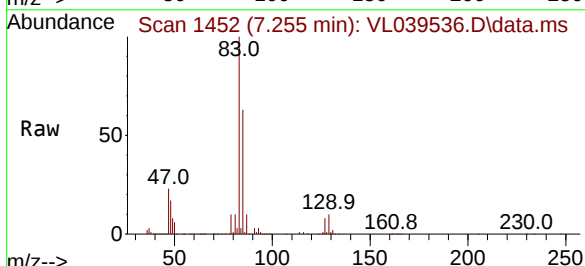
Tgt Ion: 42 Resp: 83004
Ion Ratio Lower Upper
42 100
72 38.2 30.6 45.8
71 38.4 30.7 46.1

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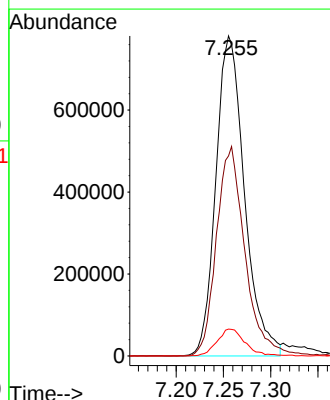
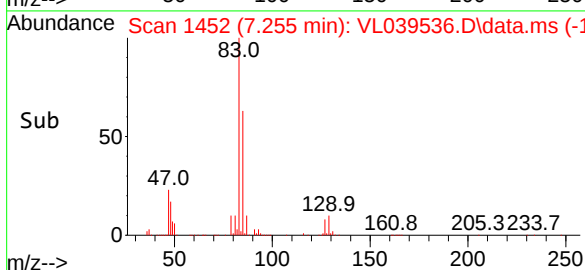
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

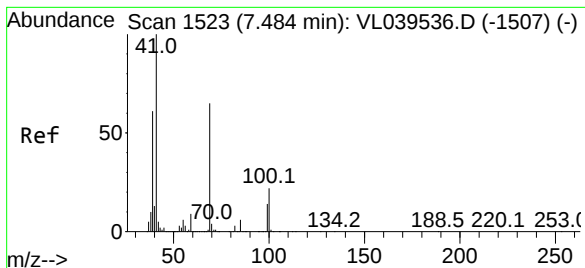


#42
Bromodichloromethane
Concen: 9.247 ppbv
RT: 7.255 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



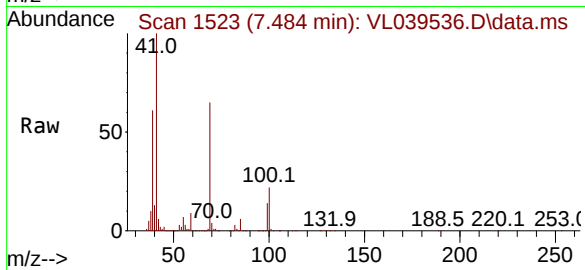
Tgt Ion: 83 Resp: 1645436
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 8.4 6.7 10.1





#43
Methyl Methacrylate
Concen: 9.763 ppbv
RT: 7.484 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

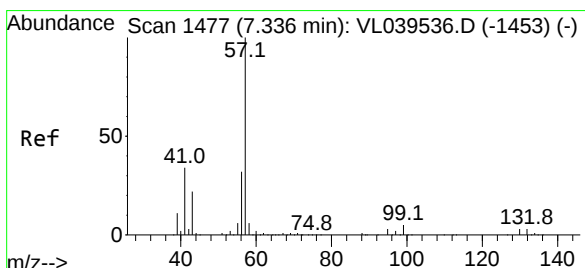
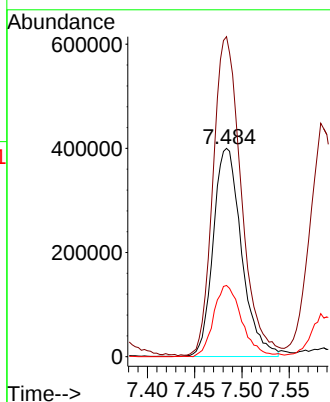
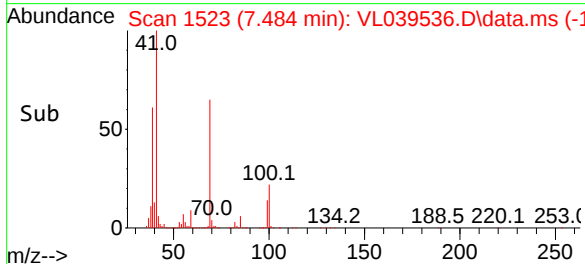
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



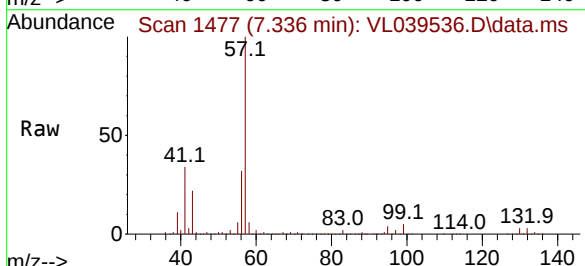
Tgt Ion: 69 Resp: 832907
Ion Ratio Lower Upper
69 100
41 154.1 123.0 184.6
100 34.3 27.4 41.2

Manual Integrations
APPROVED

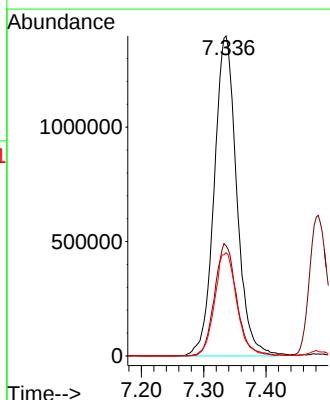
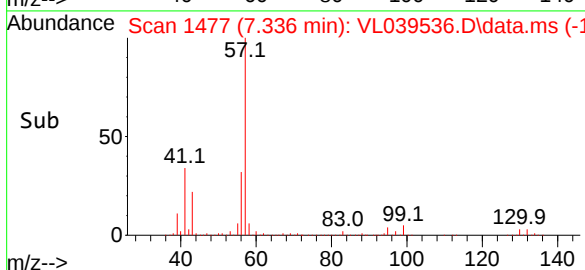
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

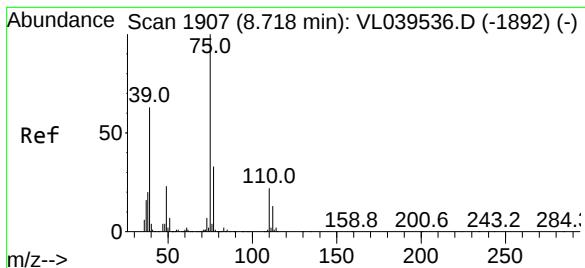


#44
2,2,4-Trimethylpentane
Concen: 9.178 ppbv
RT: 7.336 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



Tgt Ion: 57 Resp: 3505145
Ion Ratio Lower Upper
57 100
41 34.6 27.8 41.6
56 31.9 25.5 38.3





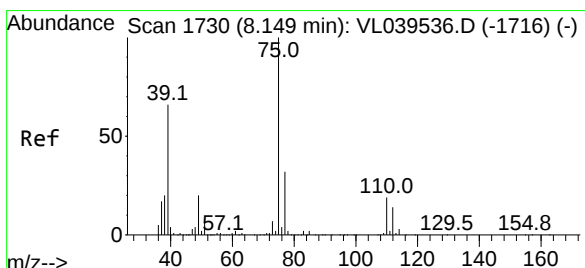
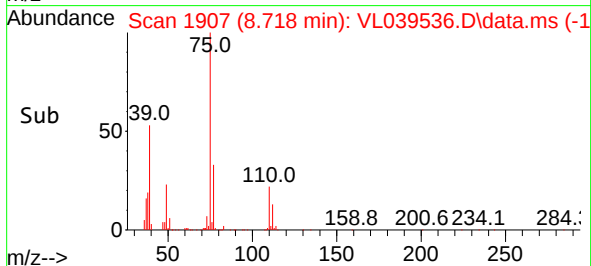
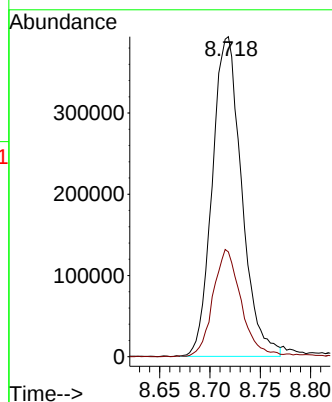
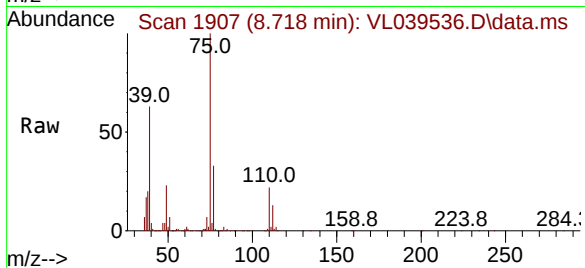
#45
t-1,3-Dichloropropene
Concen: 10.773 ppbv
RT: 8.718 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 801818
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2

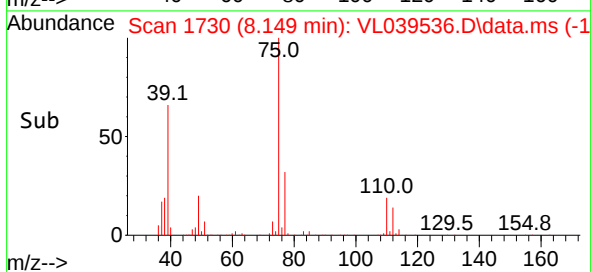
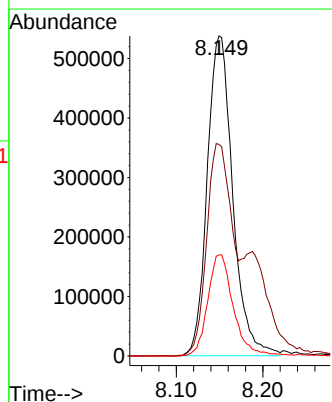
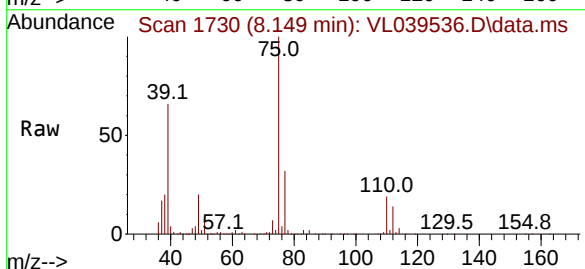
Manual Integrations
APPROVED

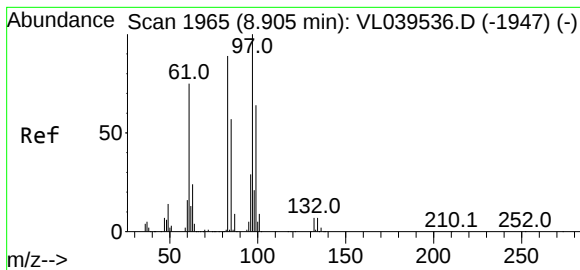
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#46
cis-1,3-Dichloropropene
Concen: 10.581 ppbv
RT: 8.149 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

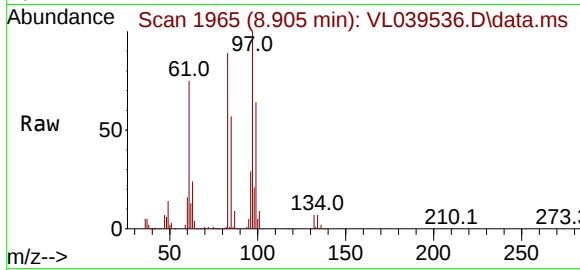
Tgt Ion: 75 Resp: 1099678
Ion Ratio Lower Upper
75 100
39 66.0 52.8 79.2
77 31.6 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.300 ppbv
RT: 8.905 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

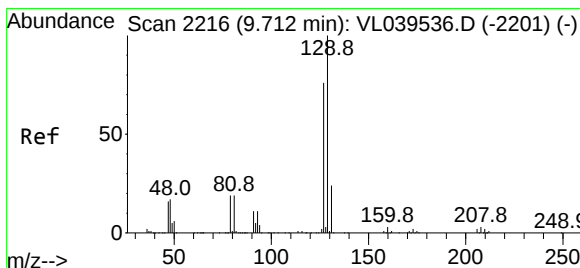
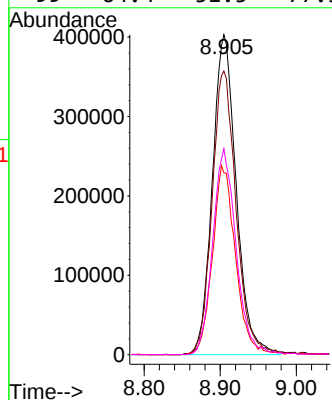
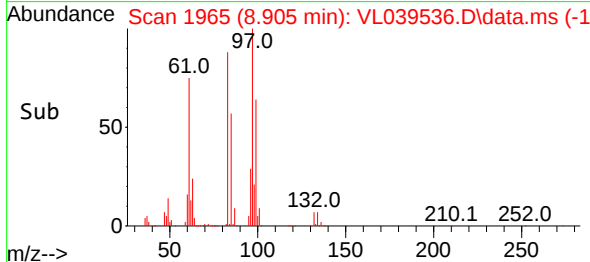
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 878050
Ion Ratio Lower Upper
97 100
83 88.5 70.8 106.2
85 56.8 45.4 68.2
99 64.4 51.5 77.3

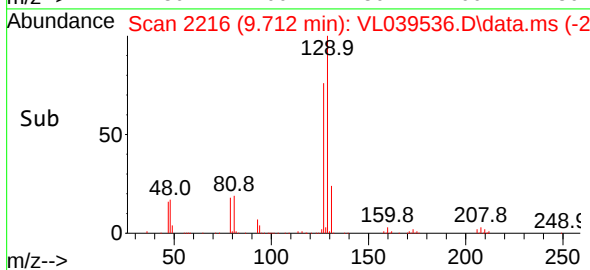
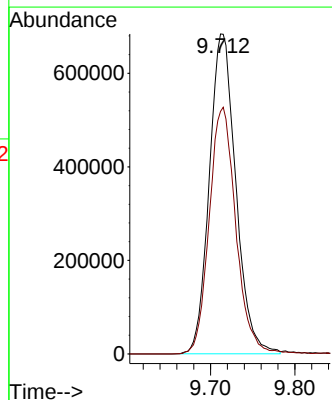
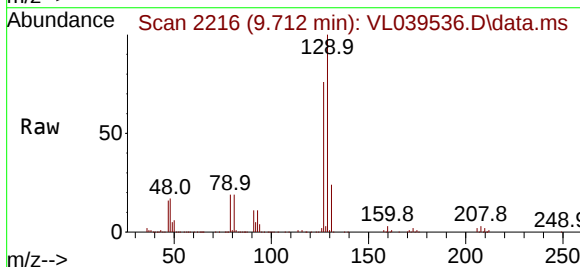
Manual Integrations
APPROVED

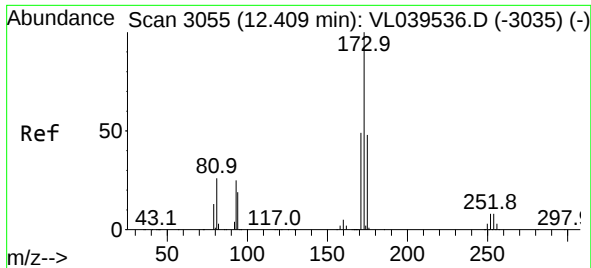
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#48
Dibromochloromethane
Concen: 10.037 ppbv
RT: 9.712 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

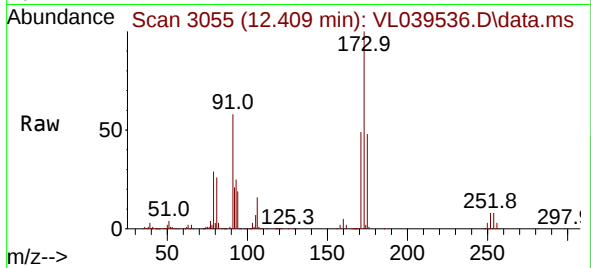
Tgt Ion:129 Resp: 1495793
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#49
Bromoform
Concen: 10.574 ppbv
RT: 12.409 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

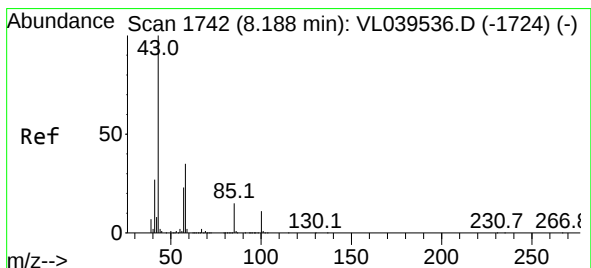
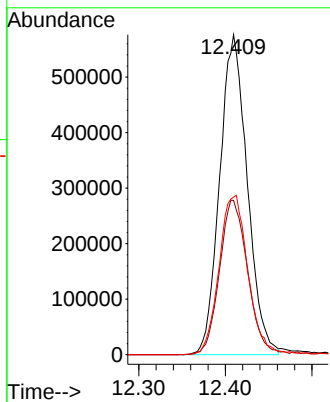
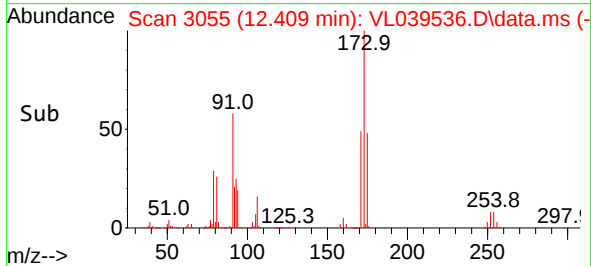
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



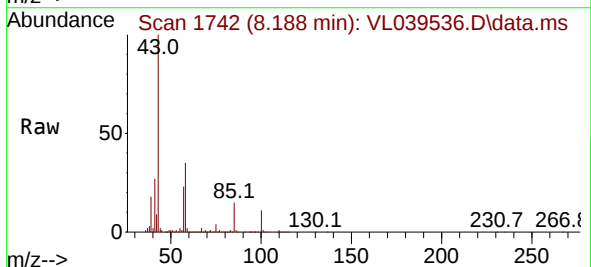
Tgt Ion: 173 Resp: 127337
Ion Ratio Lower Upper
173 100
175 49.9 0.0 0.0
171 52.9 0.0 0.0

Manual Integrations
APPROVED

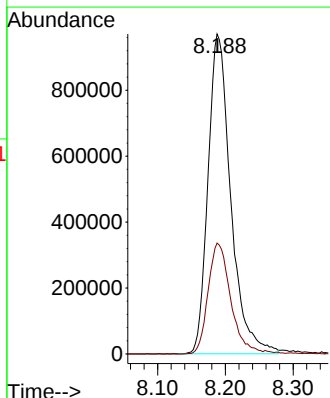
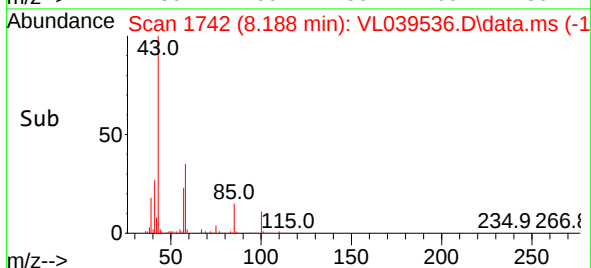
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

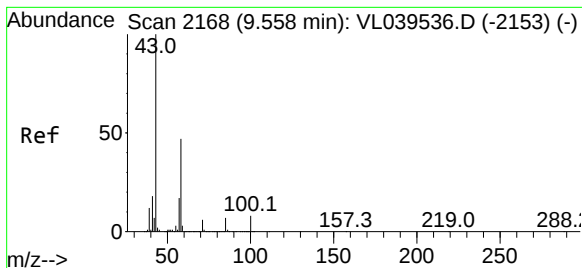


#50
4-Methyl-2-Pentanone
Concen: 10.140 ppbv
RT: 8.188 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



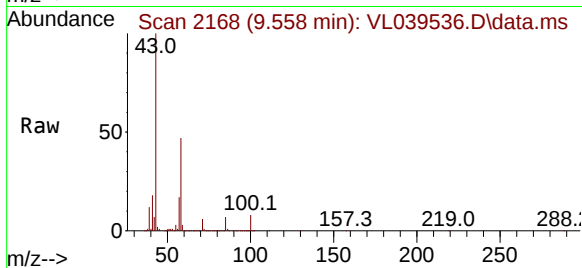
Tgt Ion: 43 Resp: 2260293
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#51
2-Hexanone
Concen: 10.503 ppbv
RT: 9.558 min Scan# 2168
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

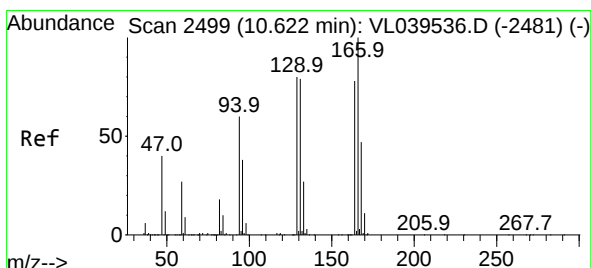
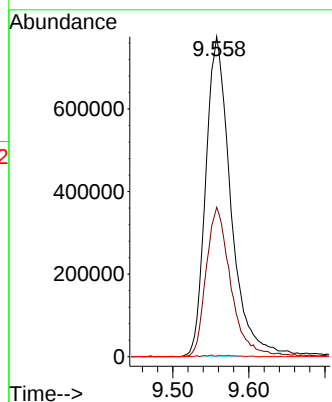
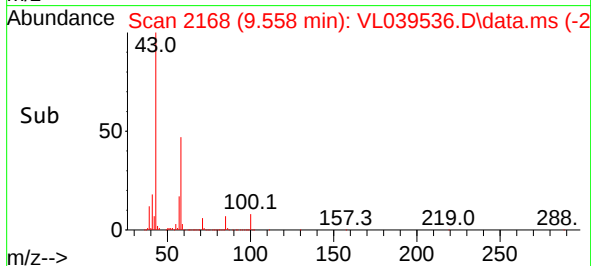
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1765000
Ion Ratio Lower Upper
43 100
58 47.2 37.5 56.3
98 0.6 0.5 0.7

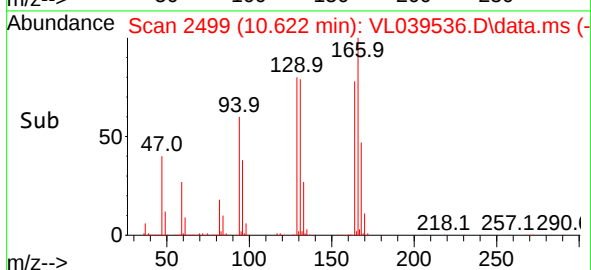
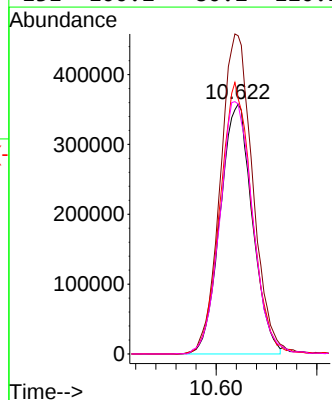
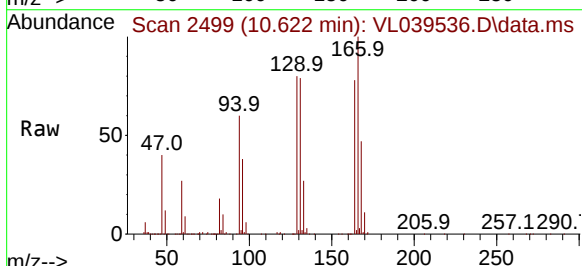
Manual Integrations
APPROVED

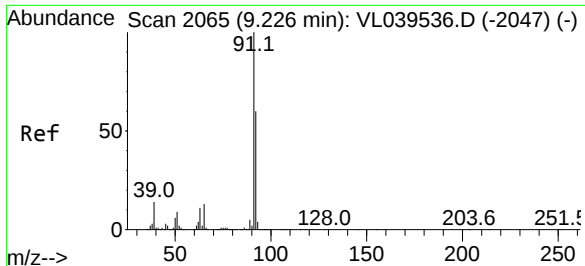
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#52
Tetrachloroethene
Concen: 8.753 ppbv
RT: 10.622 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

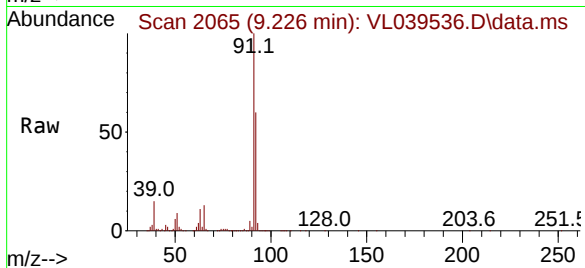
Tgt Ion:164 Resp: 792029
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 102.1 81.7 122.5
131 100.2 80.2 120.2





#53
Toluene
Concen: 9.640 ppbv
RT: 9.226 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

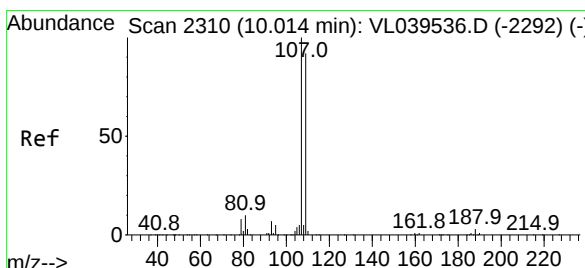
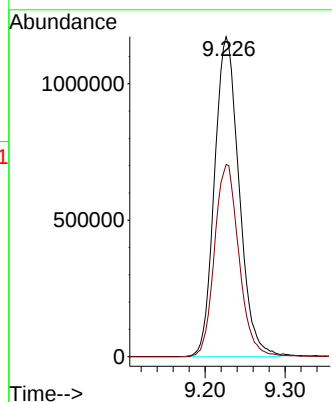
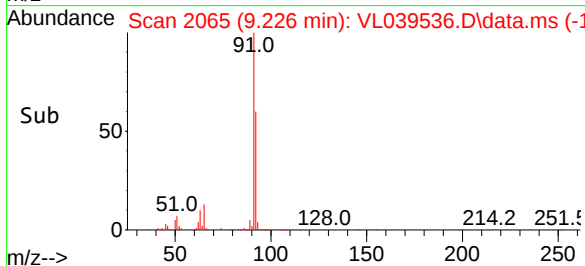
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



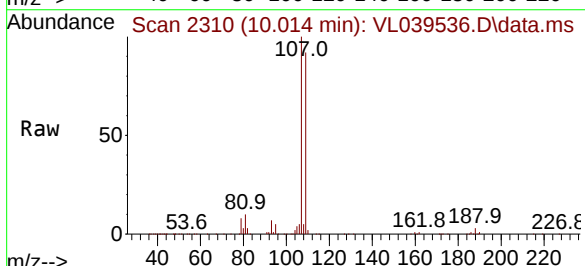
Tgt Ion: 91 Resp: 2498450
Ion Ratio Lower Upper
91 100
92 60.0 47.9 71.9

Manual Integrations
APPROVED

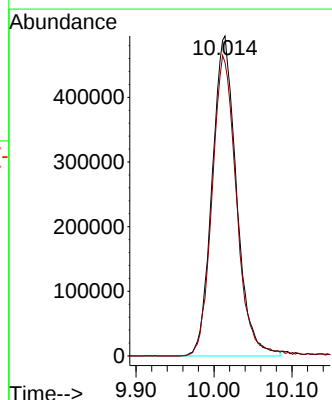
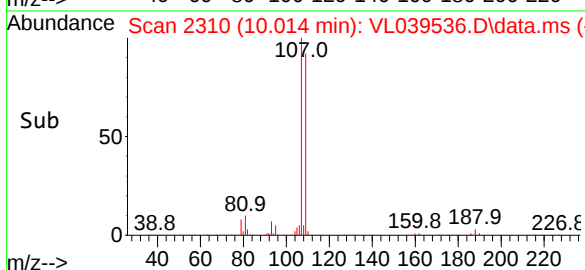
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

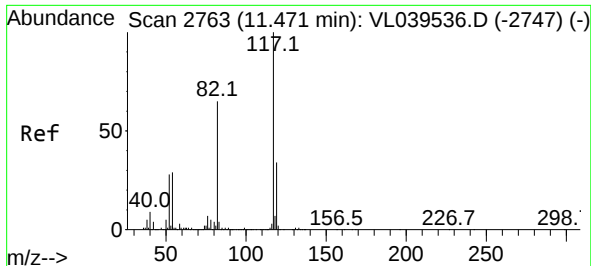


#54
1,2-Dibromoethane
Concen: 9.273 ppbv
RT: 10.014 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



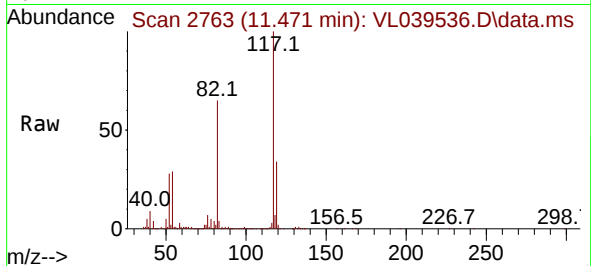
Tgt Ion:107 Resp: 1073803
Ion Ratio Lower Upper
107 100
109 91.8 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

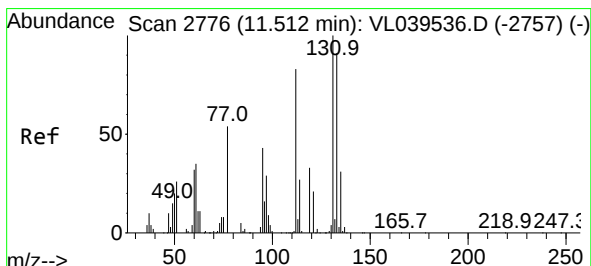
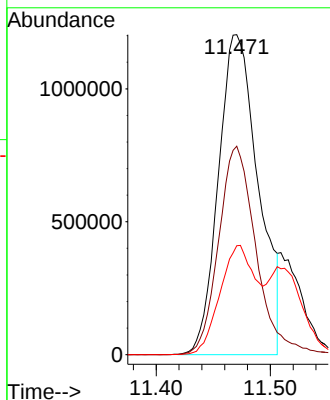
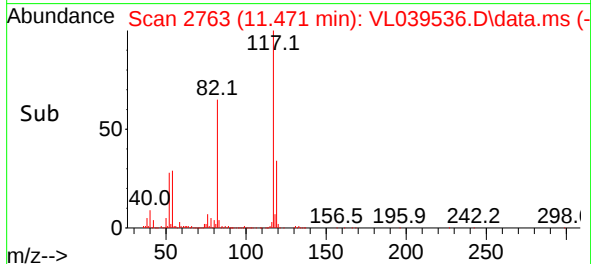
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



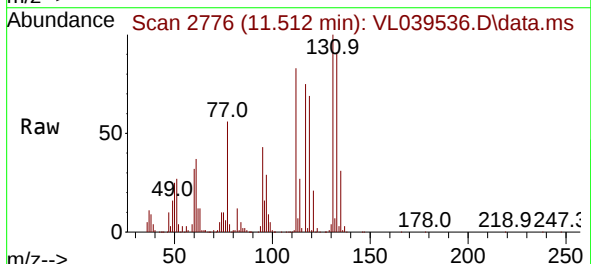
Tgt Ion:117 Resp: 293600
Ion Ratio Lower Upper
117 100
82 61.8 49.1 73.7
119 29.0 25.9 38.9

Manual Integrations
APPROVED

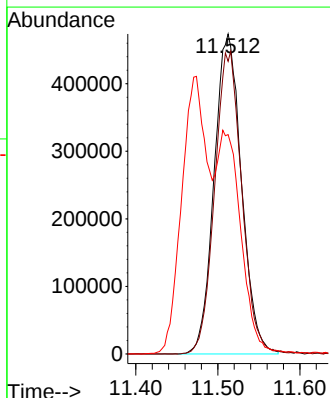
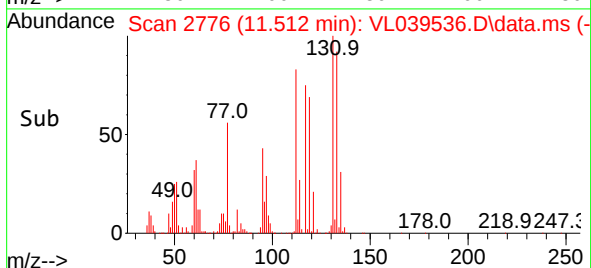
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

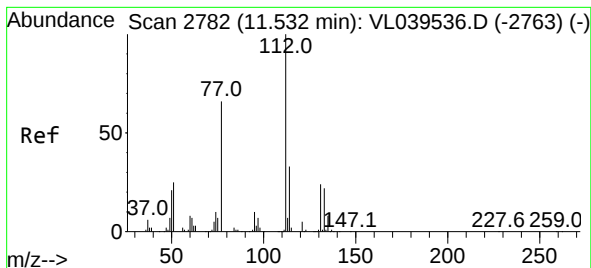


#56
1,1,1,2-Tetrachloroethane
Concen: 8.630 ppbv
RT: 11.512 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



Tgt Ion:131 Resp: 1096470
Ion Ratio Lower Upper
131 100
133 94.2 75.4 113.2
119 63.3 47.4 71.2





#57

Chlorobenzene

Concen: 8.584 ppbv

RT: 11.532 min Scan# 2782

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

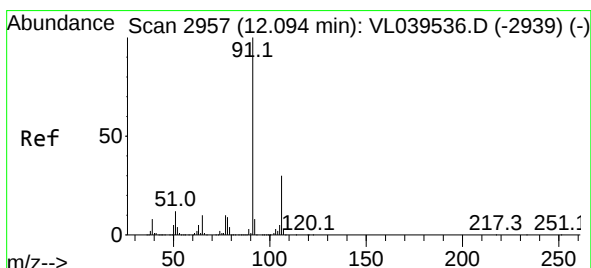
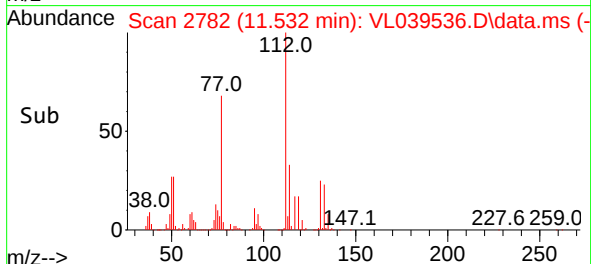
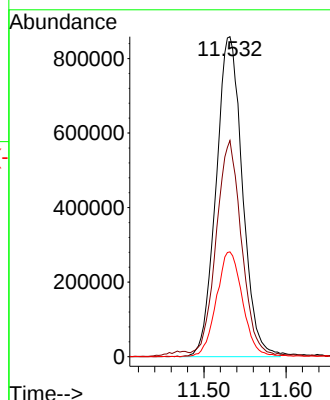
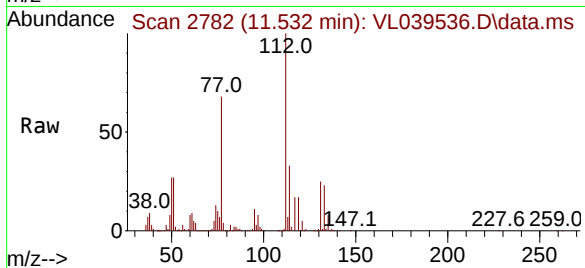
Tgt Ion: 112 Resp: 192047

Ion	Ratio	Lower	Upper
112	100		
77	66.7	53.4	80.0
114	32.8	29.5	36.1

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 8.941 ppbv

RT: 12.094 min Scan# 2957

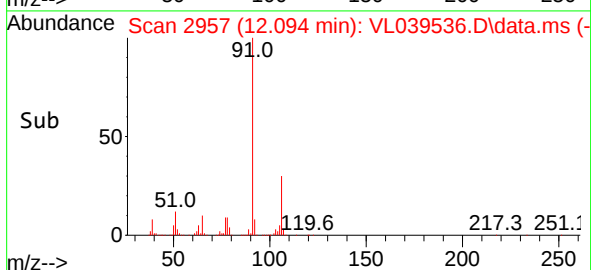
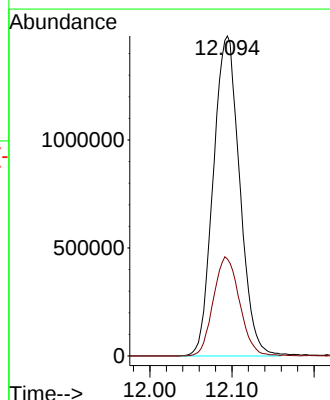
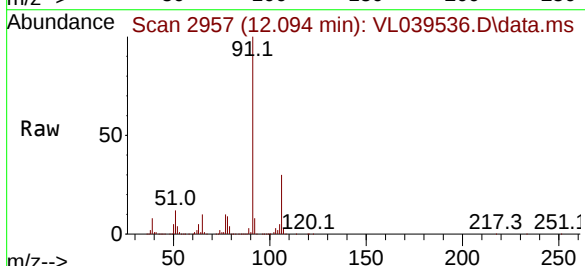
Delta R.T. 0.000 min

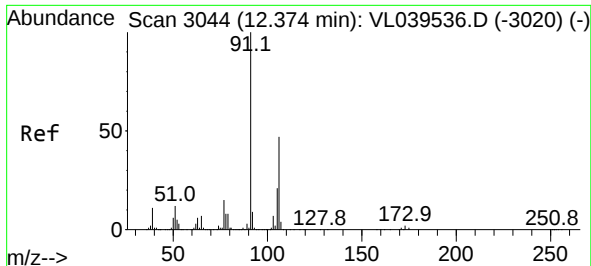
Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Tgt Ion: 91 Resp: 3317590

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4





#59

m/p-Xylene

Concen: 17.296 ppbv m

RT: 12.374 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 5648298

Ion Ratio Lower Upper

91 100

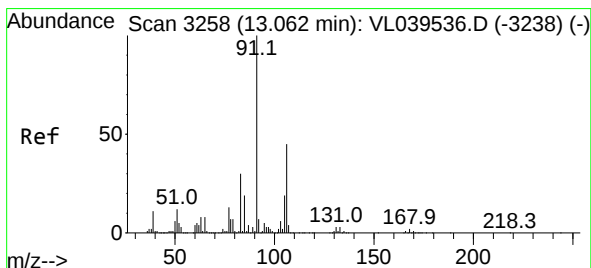
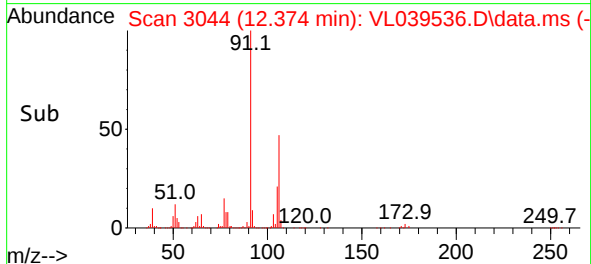
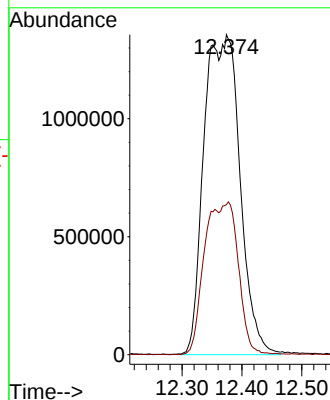
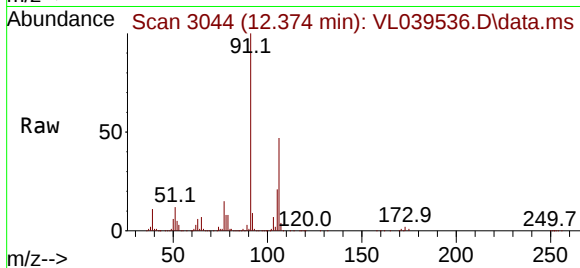
106 45.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#60

o-Xylene

Concen: 8.829 ppbv

RT: 13.062 min Scan# 3258

Delta R.T. 0.000 min

Lab File: VL039536.D

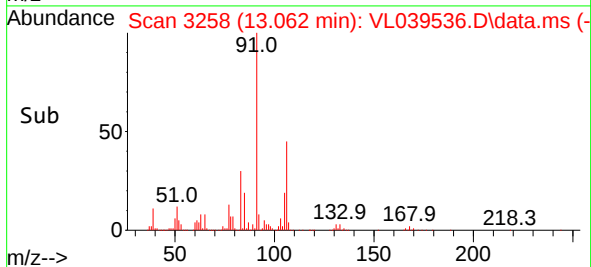
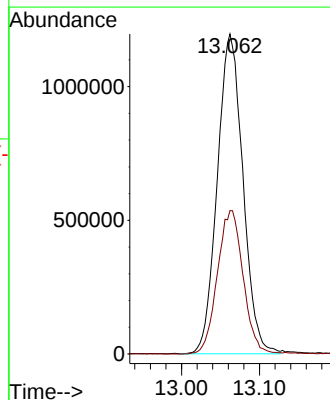
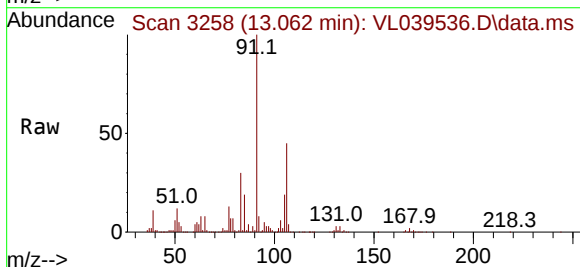
Acq: 17 Aug 2022 3:37

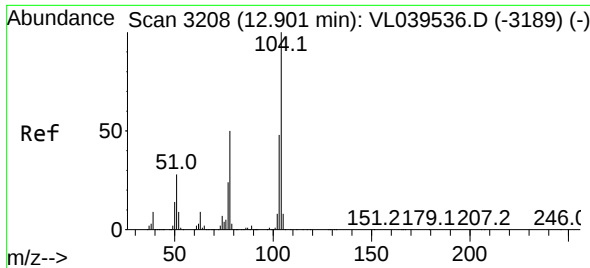
Tgt Ion: 91 Resp: 2736043

Ion Ratio Lower Upper

91 100

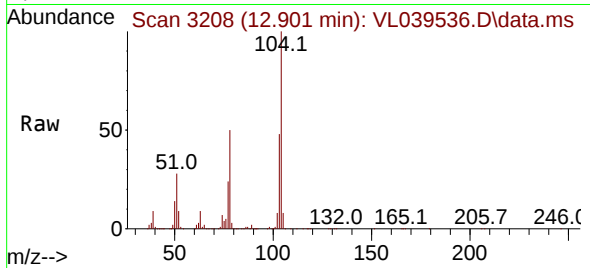
106 45.4 22.7 68.0





#61
Styrene
Concen: 9.918 ppbv
RT: 12.901 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

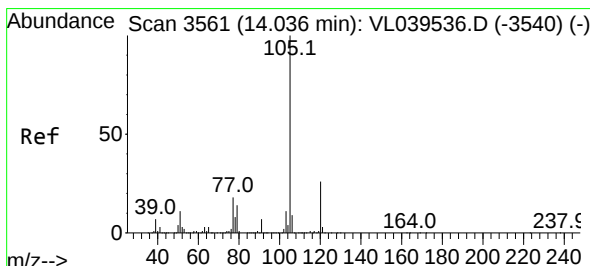
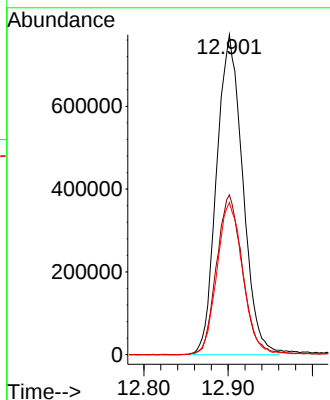
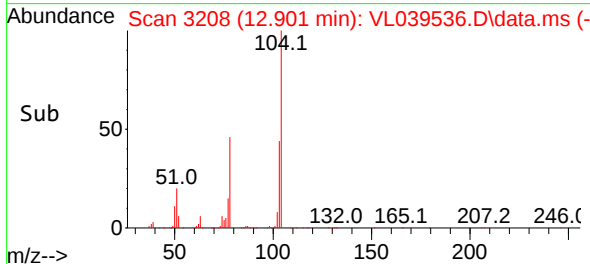
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



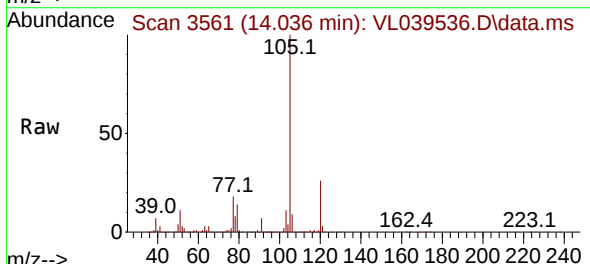
Tgt Ion:104 Resp: 1662448
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 47.7 38.2 57.2

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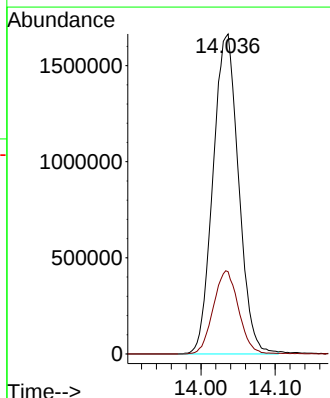
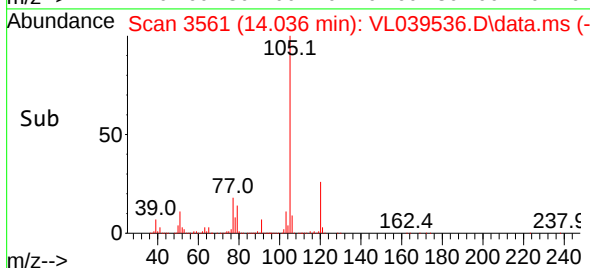
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

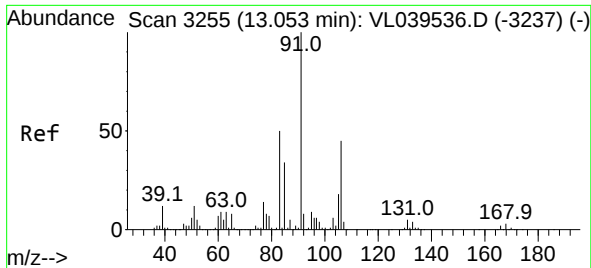


#62
Isopropylbenzene
Concen: 8.458 ppbv
RT: 14.036 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



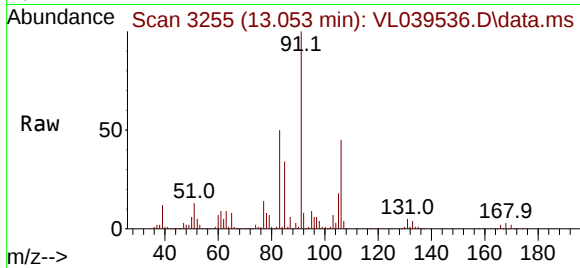
Tgt Ion:105 Resp: 3986764
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 6.972 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

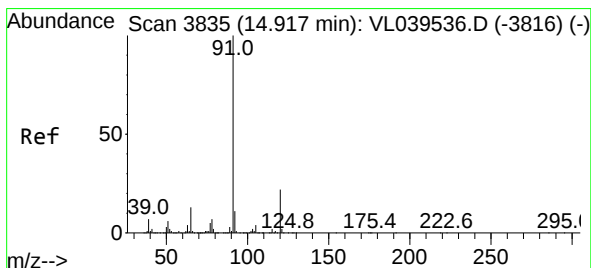
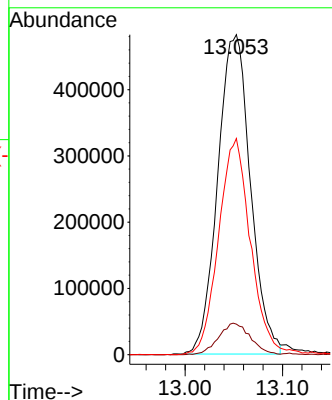
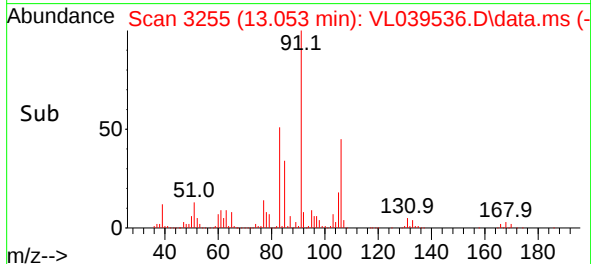


Tgt Ion: 83 Resp: 112568

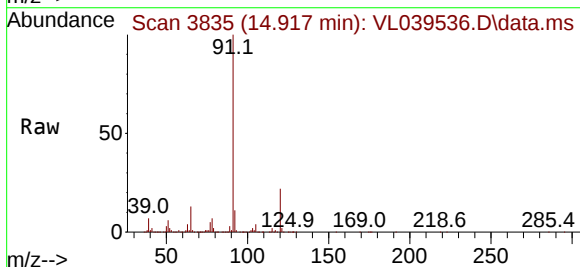
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	66.8	33.2	99.6

Manual Integrations
APPROVED

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

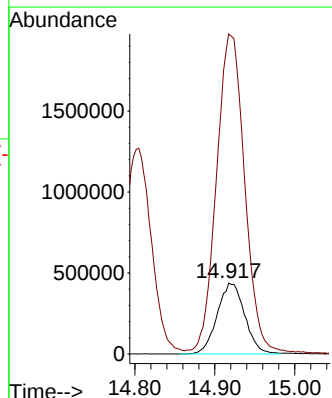
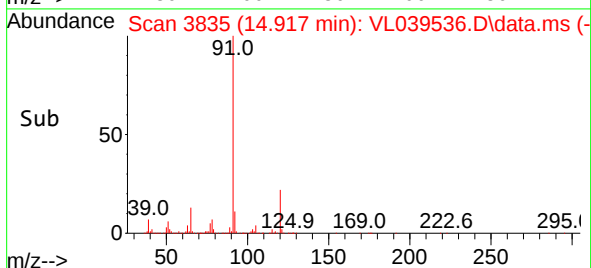


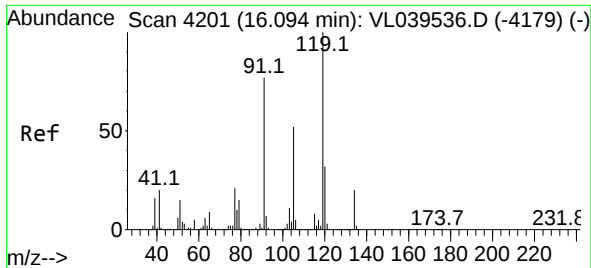
#64
n-propylbenzene
Concen: 8.771 ppbv
RT: 14.917 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



Tgt Ion:120 Resp: 1044449

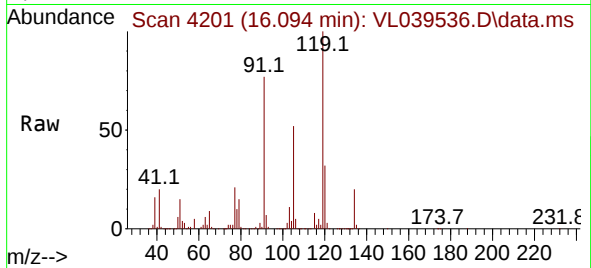
Ion	Ratio	Lower	Upper
120	100		
91	467.5	372.6	559.0





#65
tert-Butylbenzene
Concen: 8.195 ppbv
RT: 16.094 min Scan# 4179
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

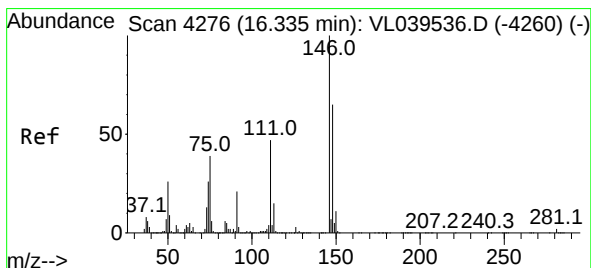
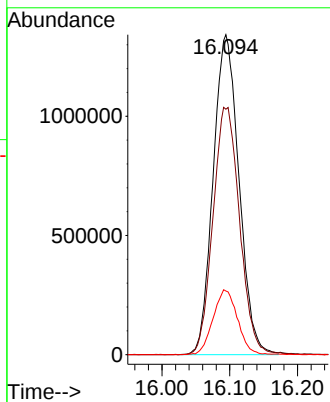
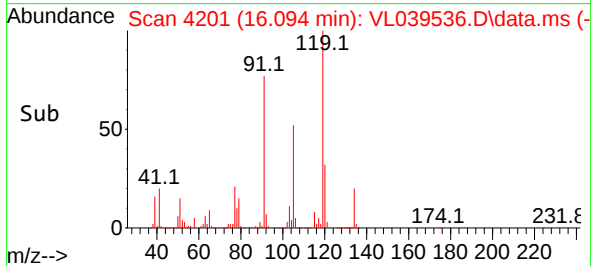
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



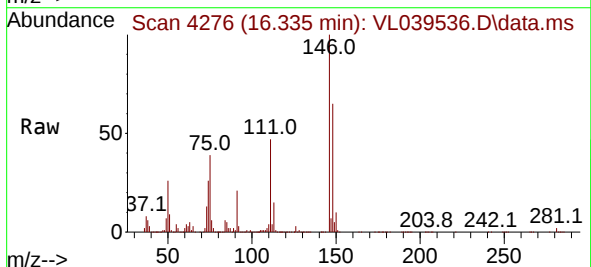
Tgt Ion: 119 Resp: 3553138
Ion Ratio Lower Upper
119 100
91 79.8 63.8 95.8
134 19.3 15.4 23.2

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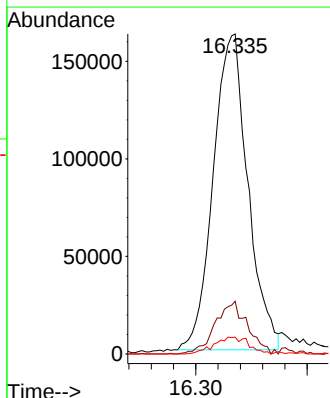
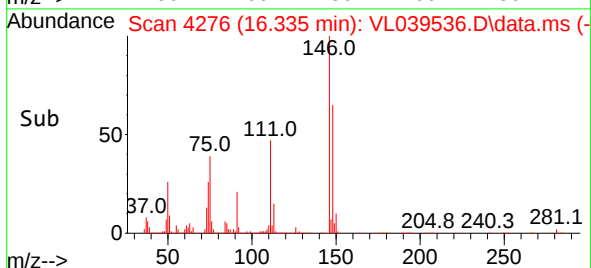
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

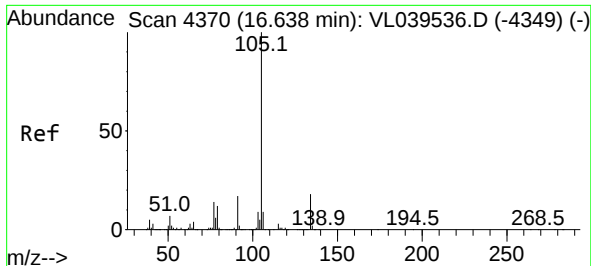


#66
Benzyl Chloride
Concen: 8.890 ppbv
RT: 16.335 min Scan# 4276
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



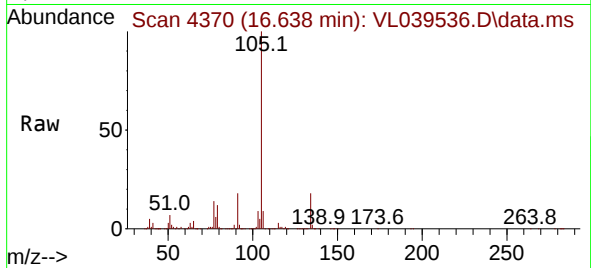
Tgt Ion: 91 Resp: 349300
Ion Ratio Lower Upper
91 100
126 16.3 0.0 0.0#
128 5.5 1.5 2.3#





#67
 sec-Butylbenzene
 Concen: 8.534 ppbv
 RT: 16.638 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37

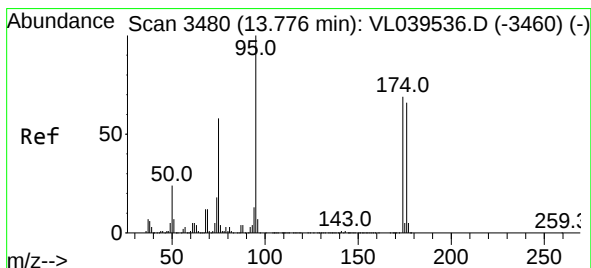
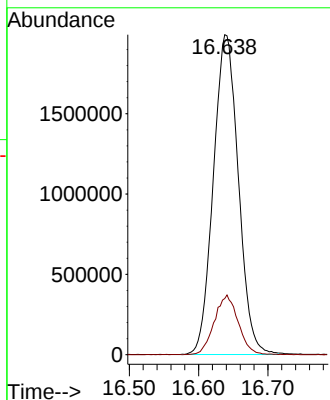
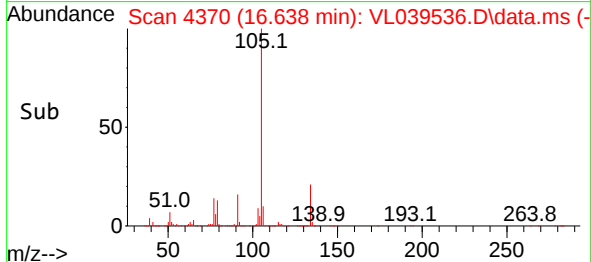
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



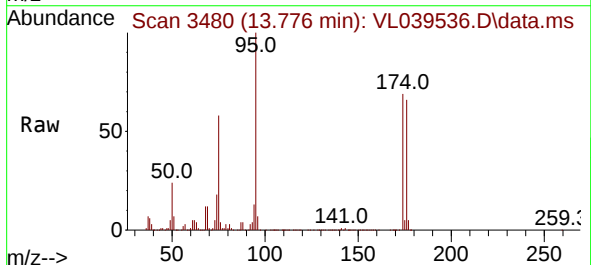
Tgt Ion: 105 Resp: 5001074
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

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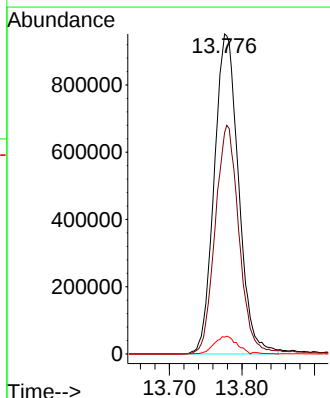
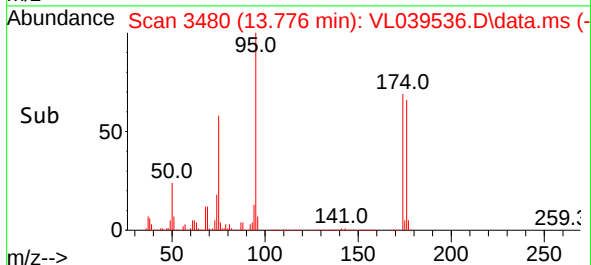
Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

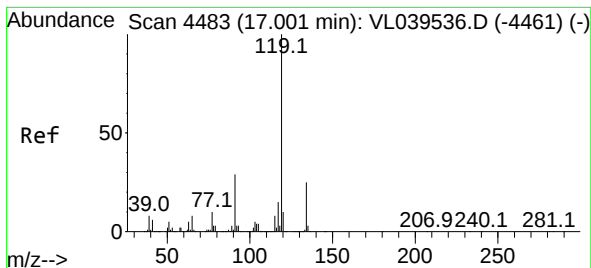


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.190 ppbv
 RT: 13.776 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL039536.D
 Acq: 17 Aug 2022 3:37



Tgt Ion: 95 Resp: 2221520
 Ion Ratio Lower Upper
 95 100
 174 70.8 56.3 84.5
 175 5.4 4.3 6.5





#69

p-Isopropyltoluene

Concen: 8.519 ppbv

RT: 17.001 min Scan# 4483

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 119 Resp: 4217814

Ion Ratio Lower Upper

119 100

134 24.8 19.8 29.6

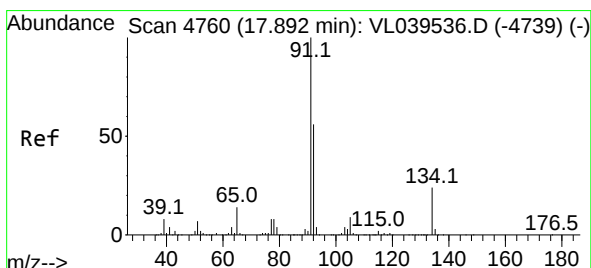
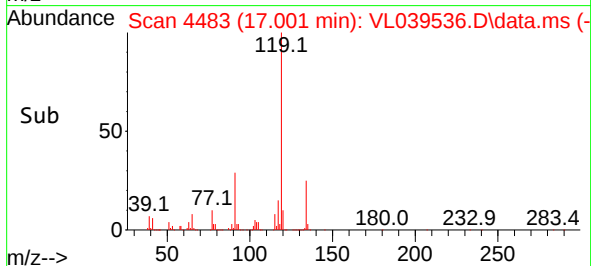
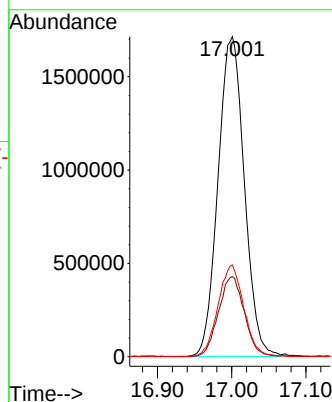
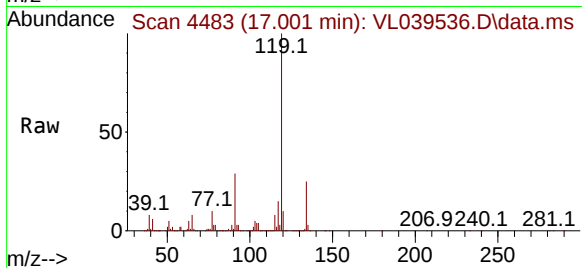
91 28.2 22.6 33.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#70

n-Butylbenzene

Concen: 8.764 ppbv

RT: 17.892 min Scan# 4760

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

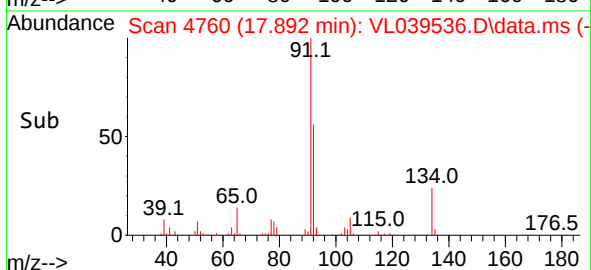
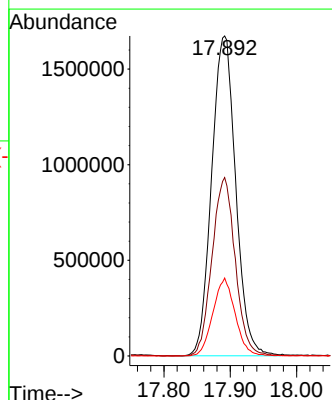
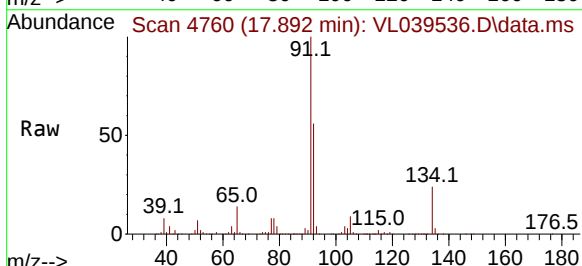
Tgt Ion: 91 Resp: 4222815

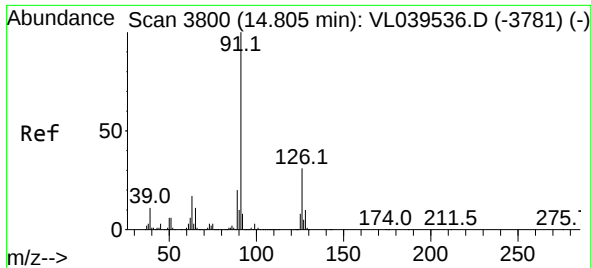
Ion Ratio Lower Upper

91 100

92 53.8 43.0 64.6

134 22.6 18.1 27.1





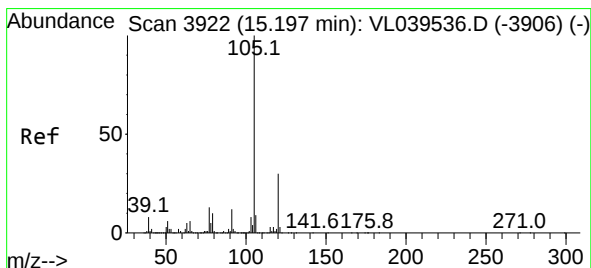
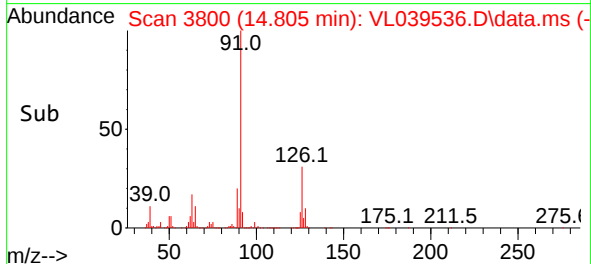
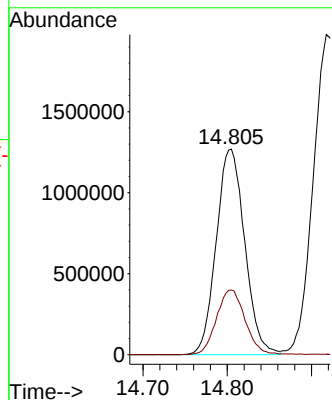
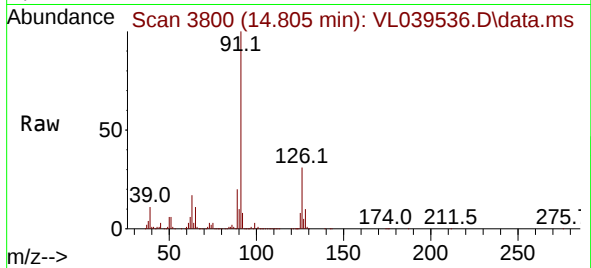
#71
2-Chlorotoluene
Concen: 8.817 ppbv
RT: 14.805 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 297876
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5

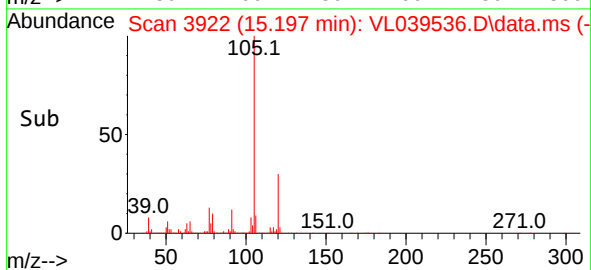
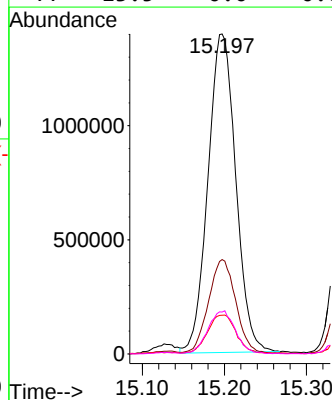
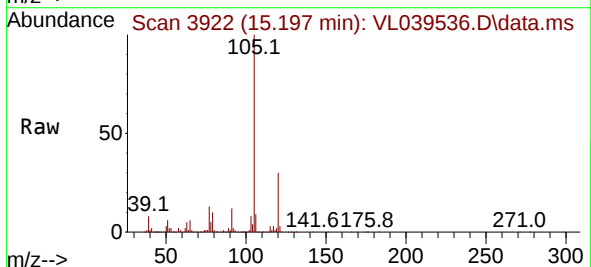
Manual Integrations
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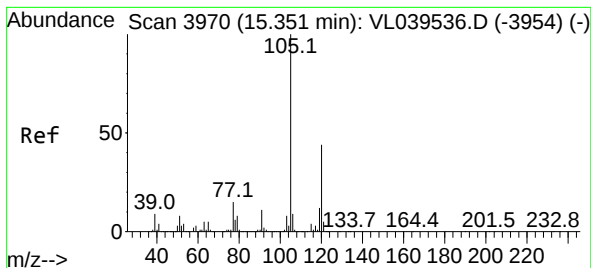
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#72
4-Ethyltoluene
Concen: 9.002 ppbv
RT: 15.197 min Scan# 3922
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:105 Resp: 3288038
Ion Ratio Lower Upper
105 100
120 30.1 0.0 0.0#
91 12.8 0.0 0.0#
77 13.5 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 8.794 ppbv

RT: 15.351 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 2937128

Ion Ratio Lower Upper

105 100

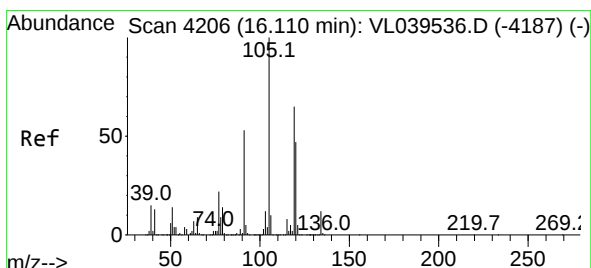
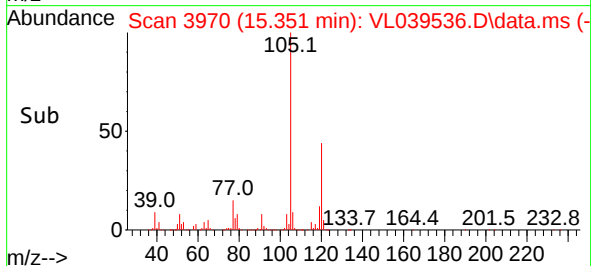
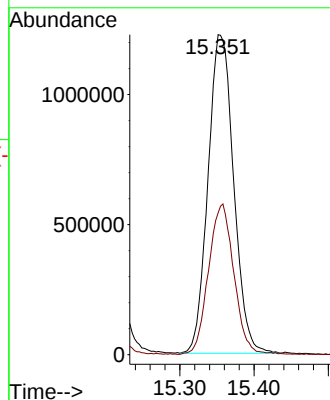
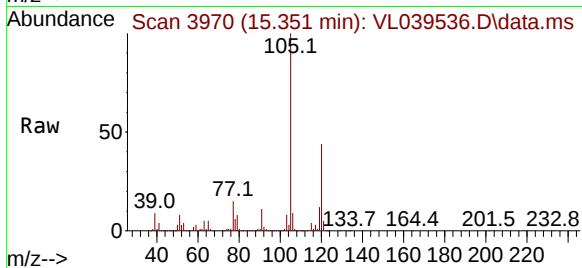
120 44.4 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.523 ppbv

RT: 16.110 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

Tgt Ion:105 Resp: 3138370

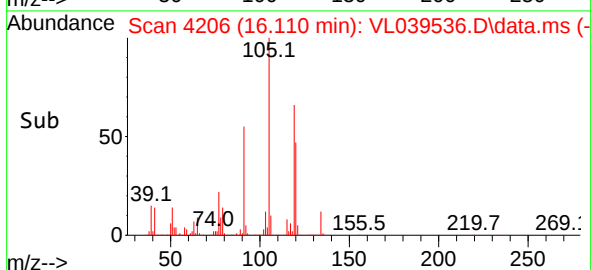
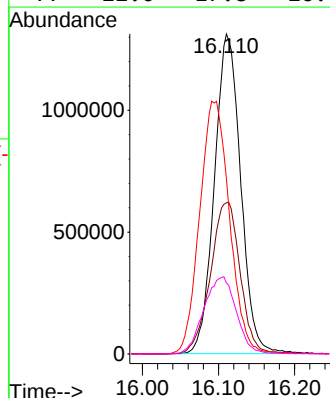
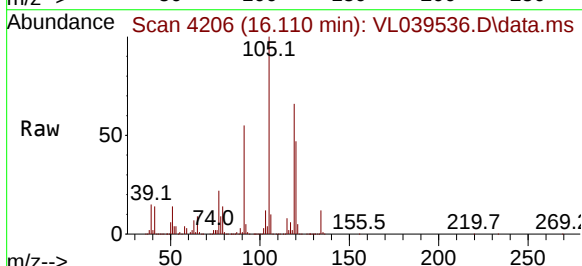
Ion Ratio Lower Upper

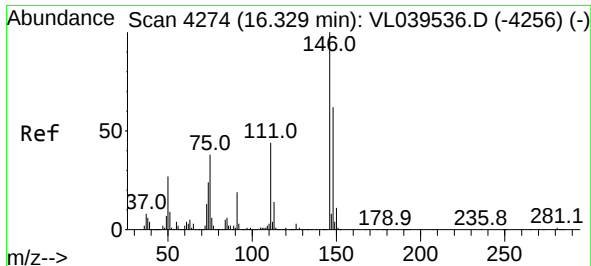
105 100

120 47.1 37.8 56.8

91 54.4 43.8 65.6

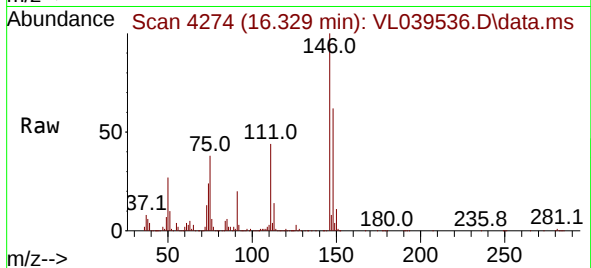
77 22.0 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 8.645 ppbv
RT: 16.329 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

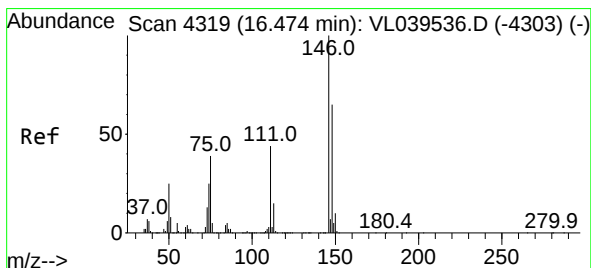
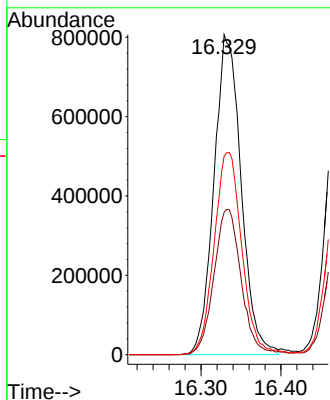
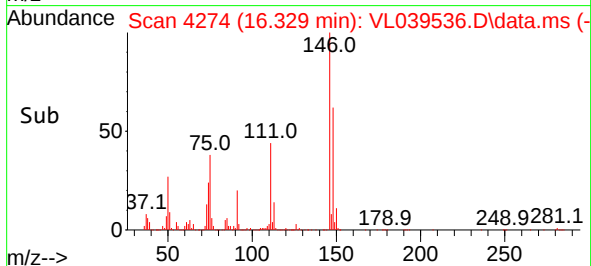
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



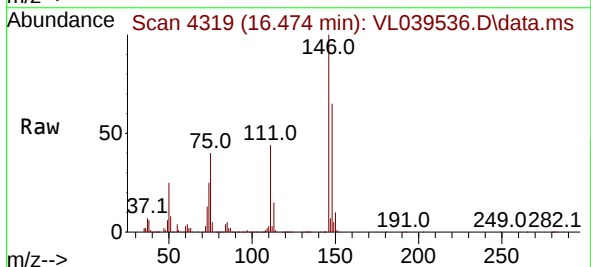
Tgt Ion:146 Resp: 189854
Ion Ratio Lower Upper
146 100
111 45.8 22.9 68.5
148 64.8 32.4 97.0

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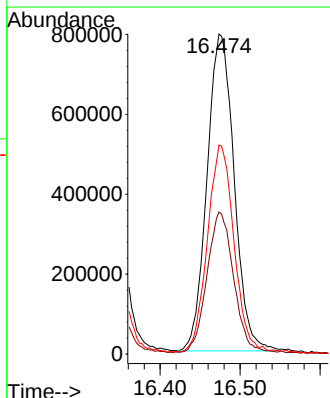
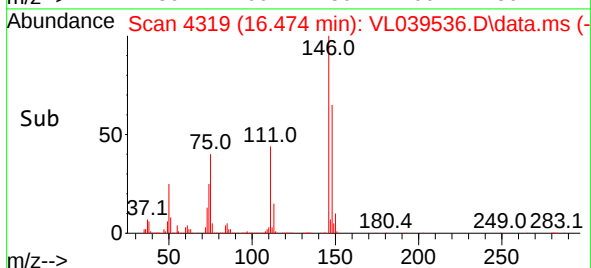
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

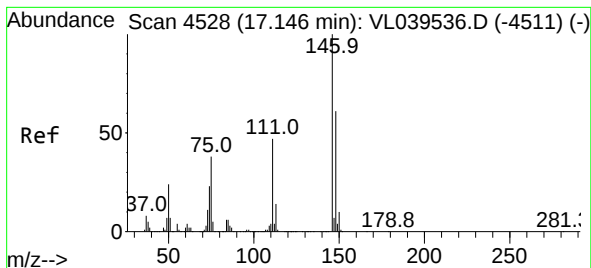


#76
1,4-Dichlorobenzene
Concen: 8.495 ppbv
RT: 16.474 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37



Tgt Ion:146 Resp: 1870985
Ion Ratio Lower Upper
146 100
111 45.2 22.3 66.8
148 66.0 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 8.423 ppbv

RT: 17.146 min Scan# 4528

Delta R.T. 0.000 min

Lab File: VL039536.D

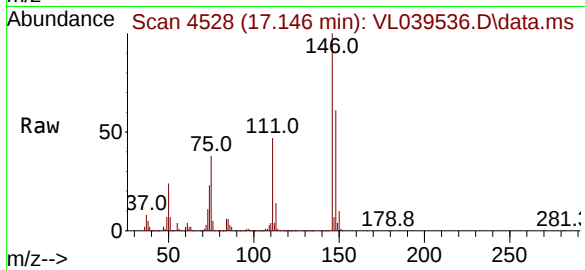
Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:146 Resp: 182938

Ion Ratio Lower Upper

146 100

111 48.1 23.9 71.8

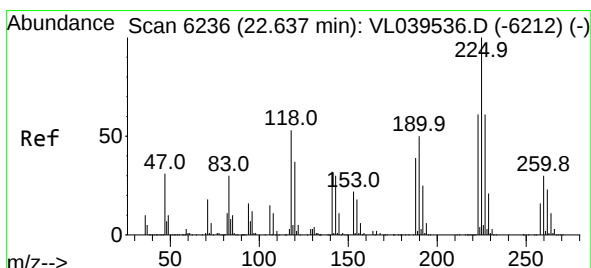
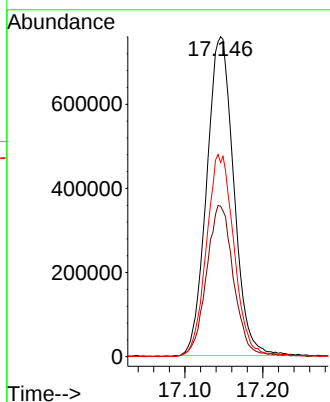
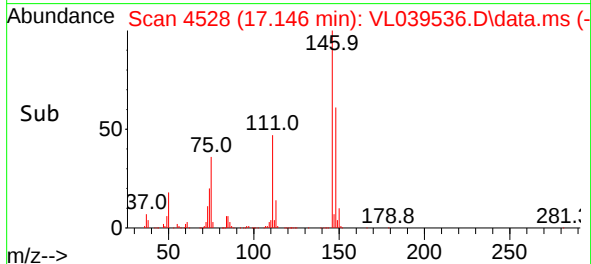
148 64.9 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.570 ppbv

RT: 22.637 min Scan# 6236

Delta R.T. 0.000 min

Lab File: VL039536.D

Acq: 17 Aug 2022 3:37

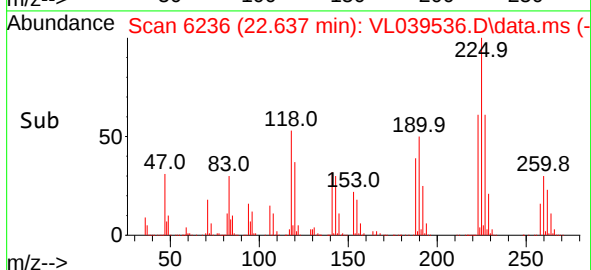
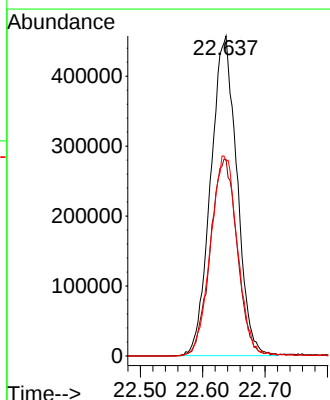
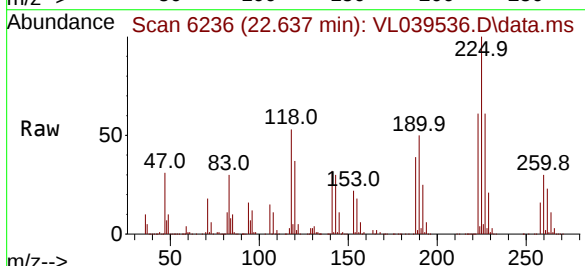
Tgt Ion:225 Resp: 1332128

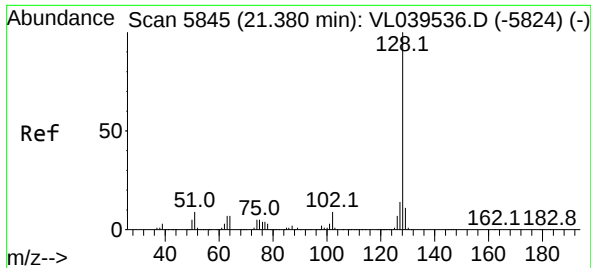
Ion Ratio Lower Upper

225 100

223 63.3 0.0 0.0#

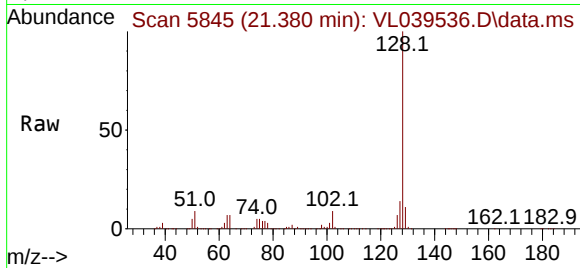
227 64.6 0.0 0.0#





#79
Naphthalene
Concen: 10.760 ppbv
RT: 21.380 min Scan# 5845
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

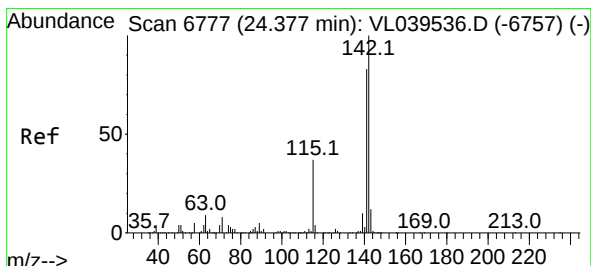
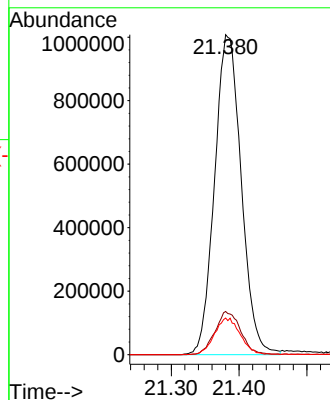
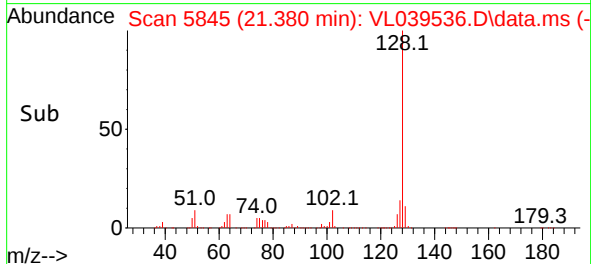


Tgt Ion:128 Resp: 275084

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.4	9.1	13.7

Manual Integrations
APPROVED

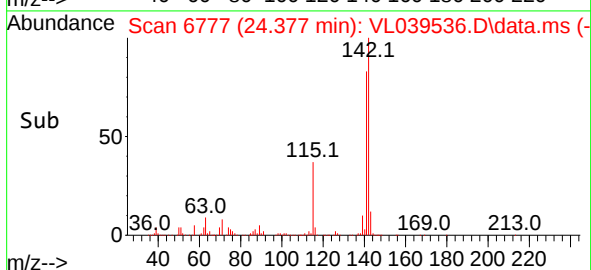
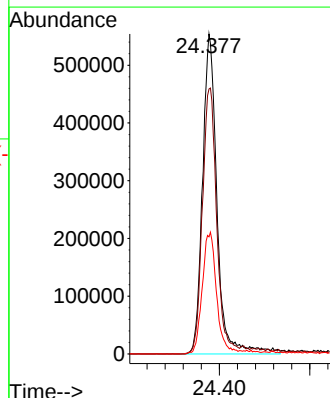
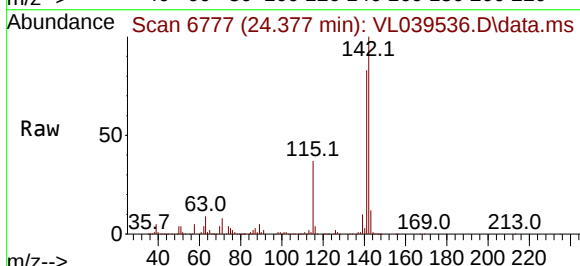
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

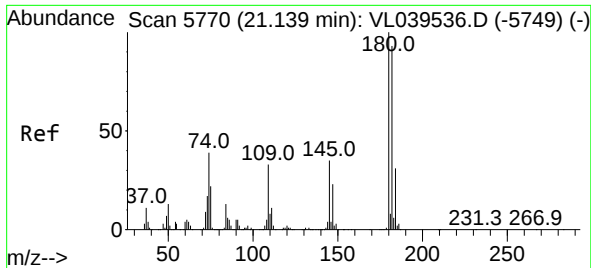


#80
Naphthalene,2-methyl-
Concen: 13.515 ppbv
RT: 24.377 min Scan# 6777
Delta R.T. 0.000 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:142 Resp: 1235052

Ion	Ratio	Lower	Upper
142	100		
141	83.0	0.0	0.0#
115	38.7	0.0	0.0#





#81

1,2,4-Trichlorobenzene

Concen: 9.236 ppbv

RT: 21.139 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL039536.D

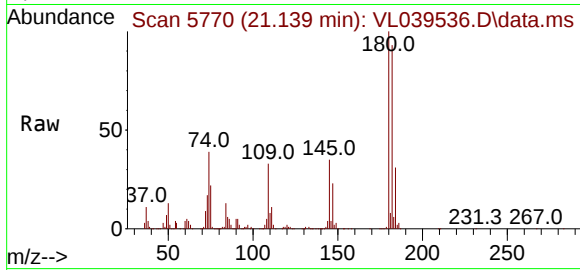
Acq: 17 Aug 2022 3:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1532030

Ion Ratio Lower Upper

180 100

182 98.0 0.0 0.0

184 31.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022

