

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039905.D
 Acq On : 21 Nov 2022 10:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 22 03:42:48 2022

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

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

QLast Update : Fri Nov 18 14:05:14 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2022
 Supervised By : Mahesh Dadoda 11/24/2022

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

Internal Standards						
1) Bromochloromethane	5.156	49	1238213	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3679096	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.439	117	3522258	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 2669264 9.922 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.697	85	1362823	7.685	ppbv	96
3) Chlorodifluoromethane	2.642	51	1634952	9.569	ppbv	98
4) Chloromethane	2.780	50	1053743	9.651	ppbv	98
5) Vinyl Chloride	2.886	62	912284	10.693	ppbv	99
6) Bromomethane	3.086	94	294009	10.103	ppbv	95
7) Chloroethane	3.166	64	336281	9.971	ppbv	94
8) Dichlorotetrafluoroethane	2.825	85	1982658	9.791	ppbv	100
9) Propene	2.661	41	771374	9.584	ppbv	99
10) Heptane	7.545	43	1903137	9.799	ppbv	99
11) Trichlorofluoromethane	3.529	101	2273900	10.513	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.034	101	1711432	10.454	ppbv	97
13) Ethanol	3.208	45	54981m	8.947	ppbv	
14) Bromoethene	3.333	108	681676	10.677	ppbv	100
15) Acetone	3.433	43	1580322	9.622	ppbv	99
16) 1,3-Butadiene	2.954	39	840781	10.272	ppbv	98
17) tert-Butyl alcohol	3.845	59	1940901	10.279	ppbv	99
18) 1,1-Dichloroethene	3.845	96	775655	10.387	ppbv	99
19) Isopropyl Alcohol	3.542	45	908576	10.218	ppbv #	31
20) Methylene Chloride	3.899	84	651067	8.182	ppbv	97
21) Allyl Chloride	3.964	41	1179139	10.350	ppbv	99
22) trans-1,2-Dichloroethene	4.410	96	810950	10.679	ppbv	98
23) Vinyl Acetate	4.591	43	678226	10.052	ppbv	99
24) 1,1-Dichloroethane	4.529	63	1668990	10.259	ppbv	99
25) Ethyl Acetate	5.169	43	3040740	10.084	ppbv	100
26) Hexane	5.182	57	1281900	9.732	ppbv	98
27) Carbon Disulfide	4.089	76	1941139	11.672	ppbv	98
28) Methyl tert-Butyl Ether	4.552	73	1681031	10.193	ppbv	98
29) Chloroform	5.240	83	1933219	11.044	ppbv	100
30) Cyclohexane	6.568	84	1280552	9.906	ppbv	97
31) cis-1,2-Dichloroethene	5.044	61	1292895	10.623	ppbv	96
32) 1,1,1-Trichloroethane	5.967	97	2417677	11.059	ppbv	98
34) 2-Butanone	4.751	43	1852958	10.526	ppbv	98
35) Carbon Tetrachloride	6.462	117	2451732	11.734	ppbv	97
36) Benzene	6.336	78	3171871	10.143	ppbv	99
37) 1,2-Dichloroethane	5.774	62	1815784	10.595	ppbv	100
38) Trichloroethene	7.259	130	1792933	10.256	ppbv	98
39) 1,2-Dichloropropane	7.041	63	1210169	9.933	ppbv	96
40) 1,4-Dioxane	7.256	88	492455	10.146	ppbv	92
41) Tetrahydrofuran	5.523	42	1211549	9.969	ppbv	99
42) Bromodichloromethane	7.217	83	2629343	11.313	ppbv	97
43) Methyl Methacrylate	7.442	69	1282275	10.458	ppbv	99
44) 2,2,4-Trimethylpentane	7.295	57	5078317	9.727	ppbv	99
45) t-1,3-Dichloropropene	8.677	75	1352895	11.943	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:42:48 2022

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

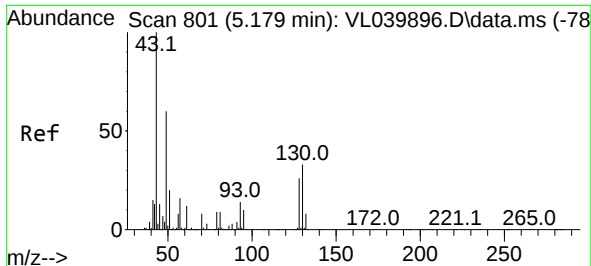
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Nov 18 14:05:14 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.111	75	1729933	11.024	ppbv	96
47) 1,1,2-Trichloroethane	8.867	97	1296627	10.355	ppbv	97
48) Dibromochloromethane	9.680	129	2226984	12.142	ppbv	99
49) Bromoform	12.384	173	1806067	12.165	ppbv	99
50) 4-Methyl-2-Pentanone	8.150	43	3192867	10.127	ppbv	100
51) 2-Hexanone	9.526	43	2573072	10.513	ppbv	100
52) Tetrachloroethene	10.587	164	1132239	9.678	ppbv	99
53) Toluene	9.192	91	3612758	10.141	ppbv	100
54) 1,2-Dibromoethane	9.979	107	1521884	11.389	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.481	131	1557423	10.817	ppbv	99
57) Chlorobenzene	11.500	112	2769073	10.282	ppbv	98
58) Ethyl Benzene	12.063	91	4792478	10.029	ppbv	100
59) m/p-Xylene	12.346	91	8048297m	20.124	ppbv	
60) o-Xylene	13.037	91	3848459	10.090	ppbv	100
61) Styrene	12.876	104	2422389	10.640	ppbv	100
62) Isopropylbenzene	14.008	105	5487210	9.977	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.027	83	1312069	10.302	ppbv	100
64) n-propylbenzene	14.896	120	1485424	10.324	ppbv	99
65) tert-Butylbenzene	16.072	119	4779850	9.934	ppbv	100
66) Benzyl Chloride	16.310	91	505720	12.265	ppbv	99
67) sec-Butylbenzene	16.619	105	6607415	9.988	ppbv	99
69) p-Isopropyltoluene	16.979	119	5435469	9.974	ppbv	99
70) n-Butylbenzene	17.873	91	5459689	10.105	ppbv	99
71) 2-Chlorotoluene	14.780	91	4189608	10.050	ppbv	100
72) 4-Ethyltoluene	15.175	105	4504547	10.507	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	3997618	10.186	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	4212026	10.137	ppbv	97
75) 1,3-Dichlorobenzene	16.314	146	2426403	10.379	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	2352167	10.150	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	2286279	10.144	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1382032	8.838	ppbv	99
79) Naphthalene	21.371	128	2765512	11.121	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	856879	12.252	ppbv	94
81) 1,2,4-Trichlorobenzene	21.127	180	1535759	10.001	ppbv	99

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



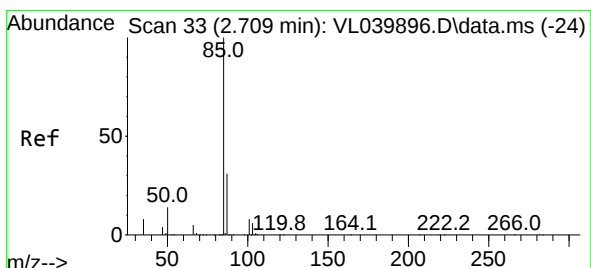
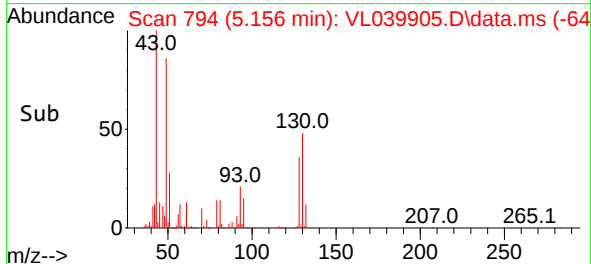
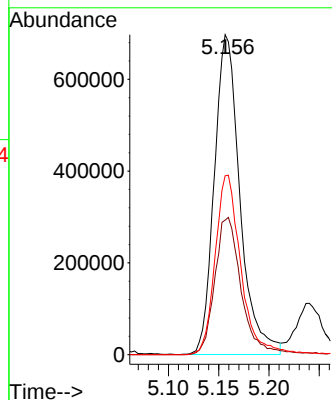
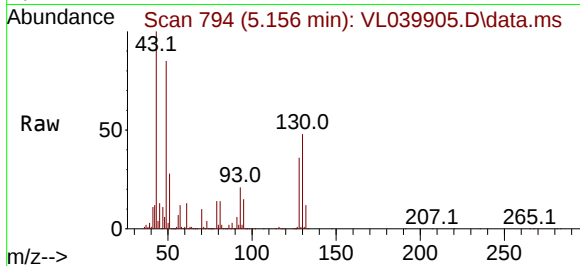
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. -0.023 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 123821
Ion Ratio Lower Upper
49 100
128 44.9 22.1 66.3
130 57.1 27.7 83.1

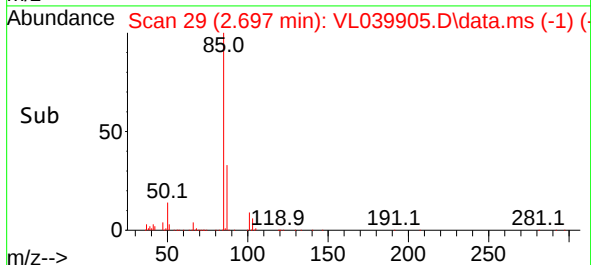
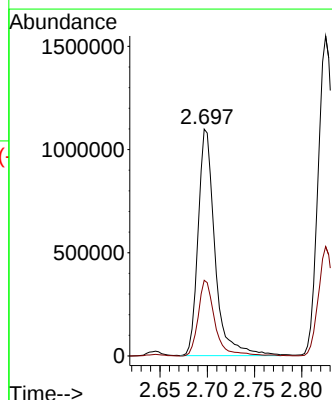
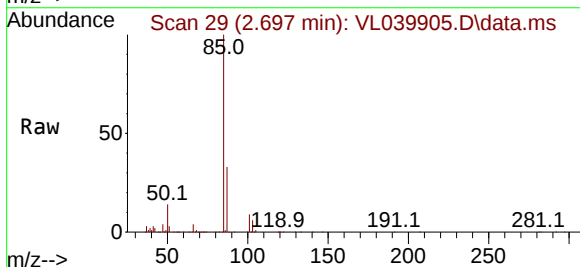
Manual Integrations
APPROVED

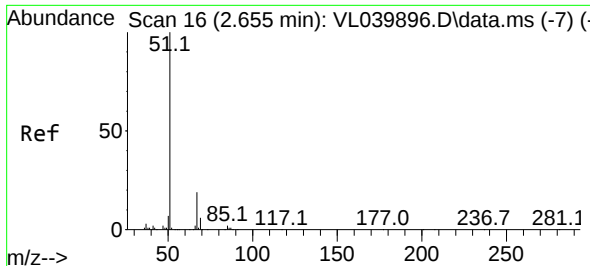
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 7.685 ppbv
RT: 2.697 min Scan# 29
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion: 85 Resp: 1362823
Ion Ratio Lower Upper
85 100
87 33.4 25.0 37.4





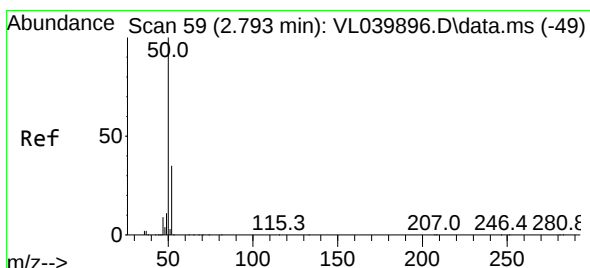
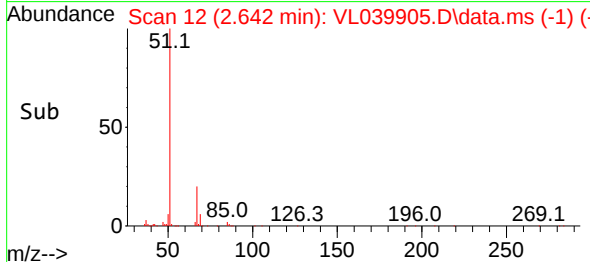
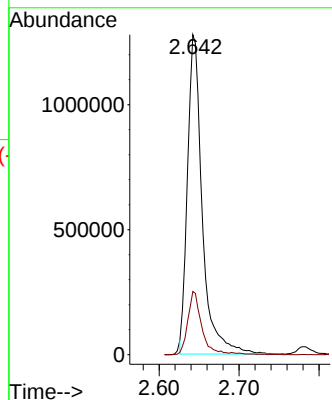
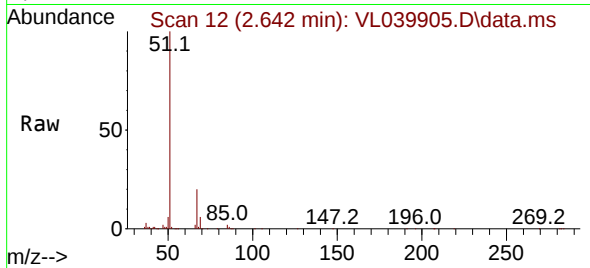
#3
Chlorodifluoromethane
Concen: 9.569 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1634952
Ion Ratio Lower Upper
51 100
67 18.9 14.2 21.4

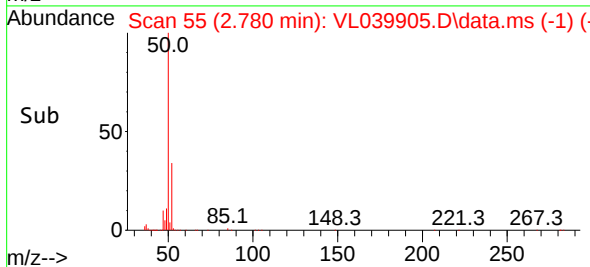
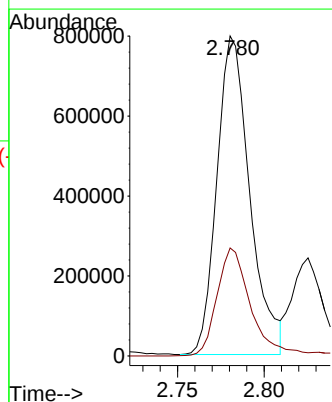
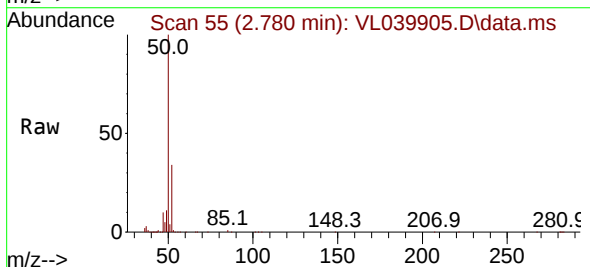
Manual Integrations
APPROVED

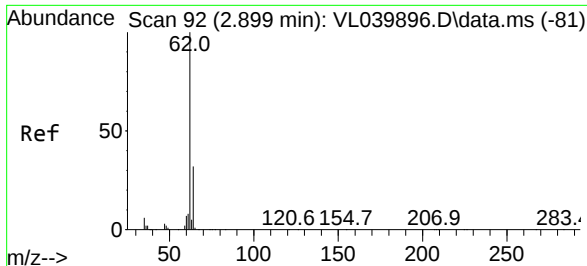
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#4
Chloromethane
Concen: 9.651 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

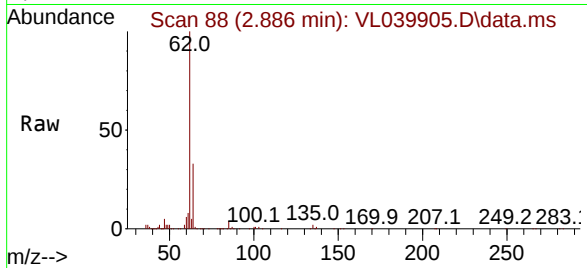
Tgt Ion: 50 Resp: 1053743
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.8





#5
 Vinyl Chloride
 Concen: 10.693 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

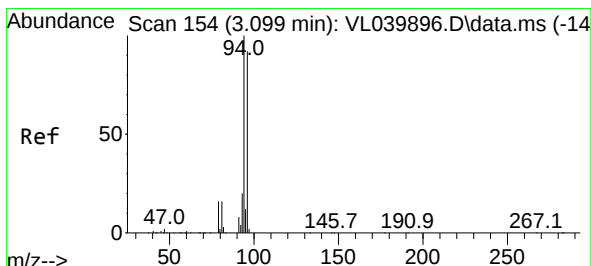
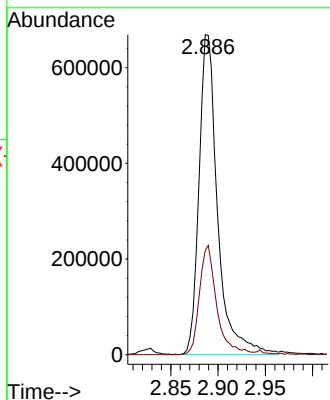
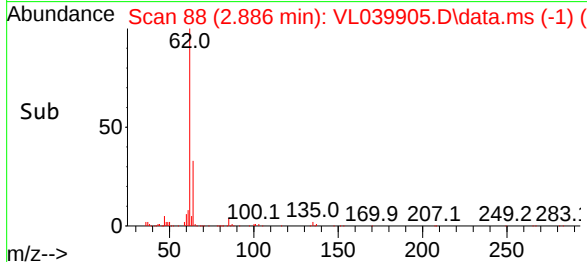
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



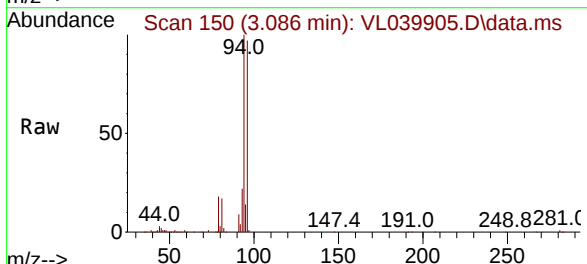
Tgt Ion: 62 Resp: 912284
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.7 38.5

Manual Integrations
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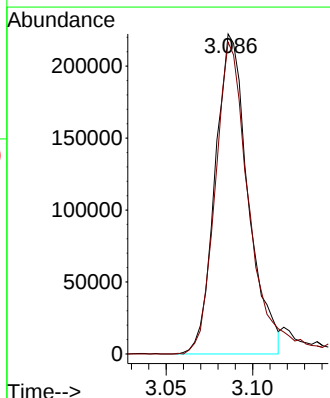
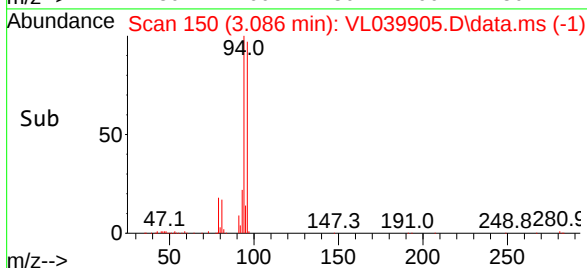
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

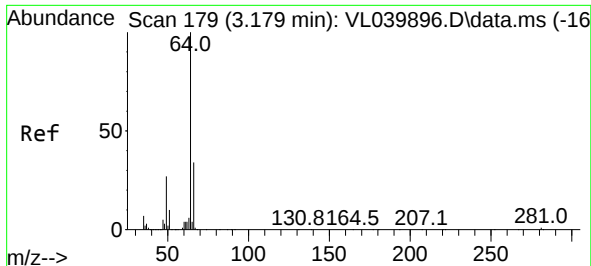


#6
 Bromomethane
 Concen: 10.103 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.013 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39



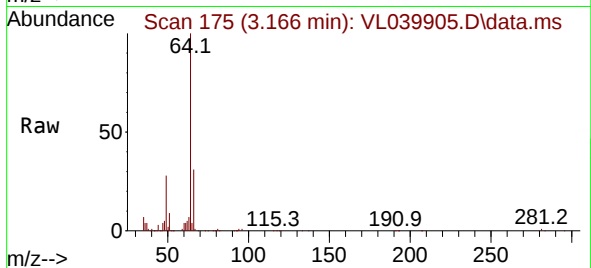
Tgt Ion: 94 Resp: 294009
 Ion Ratio Lower Upper
 94 100
 96 97.2 73.7 110.5





#7
Chloroethane
Concen: 9.971 ppbv
RT: 3.166 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

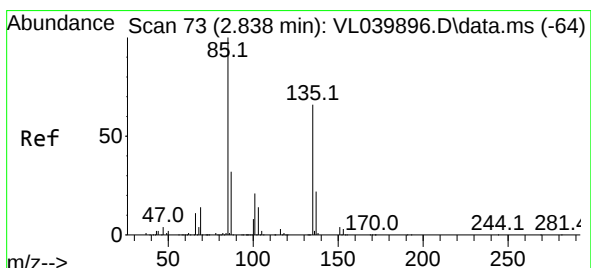
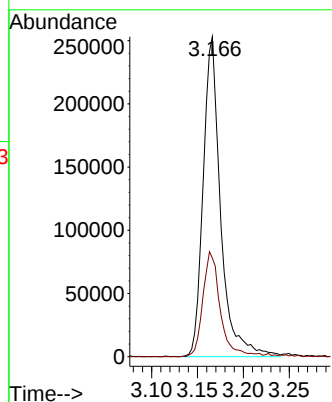
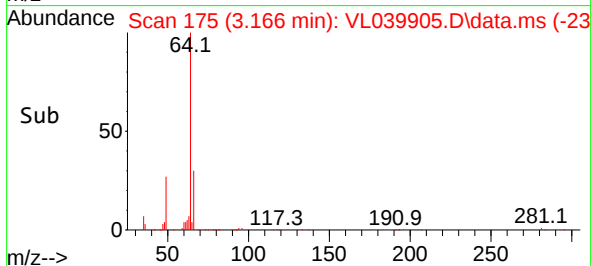
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



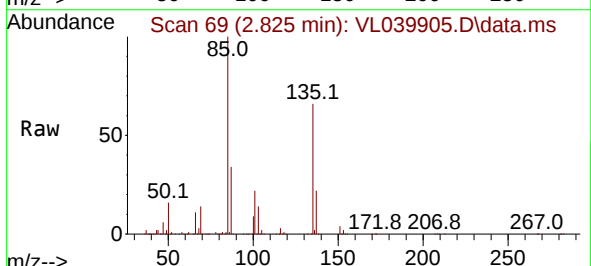
Tgt Ion: 64 Resp: 33628
Ion Ratio Lower Upper
64 100
66 30.8 27.3 40.9

Manual Integrations
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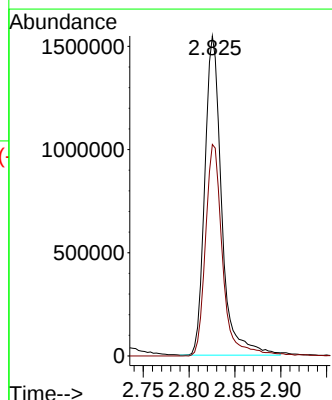
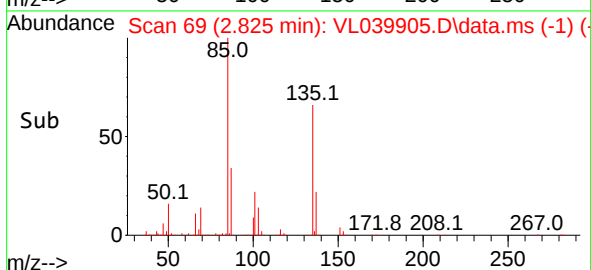
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

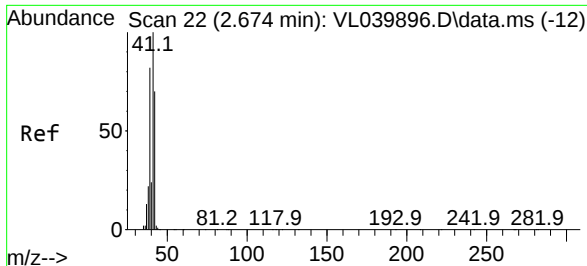


#8
Dichlorotetrafluoroethane
Concen: 9.791 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion: 85 Resp: 1982658
Ion Ratio Lower Upper
85 100
135 67.9 54.1 81.1





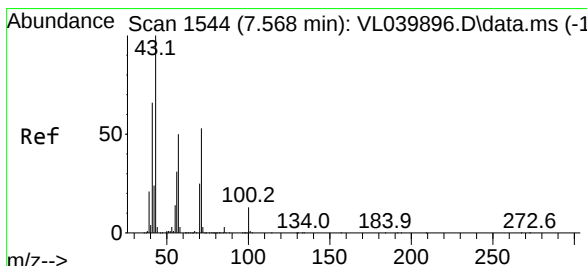
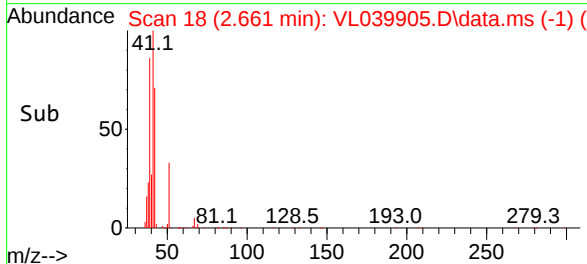
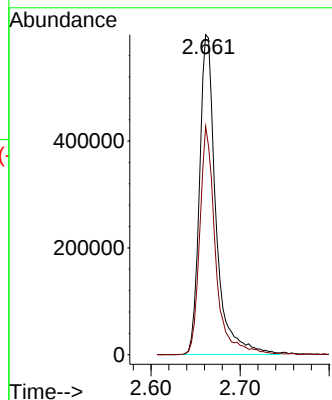
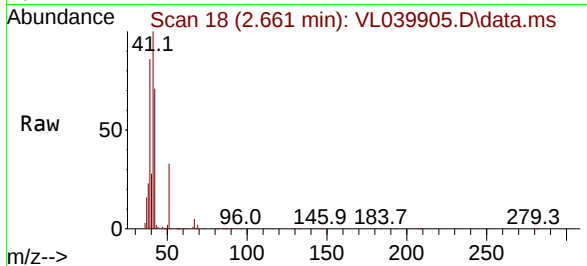
#9
 Propene
 Concen: 9.584 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 771374
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.8 83.6

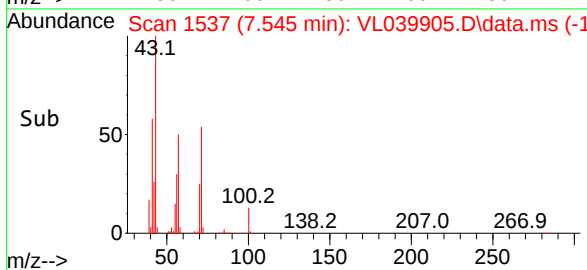
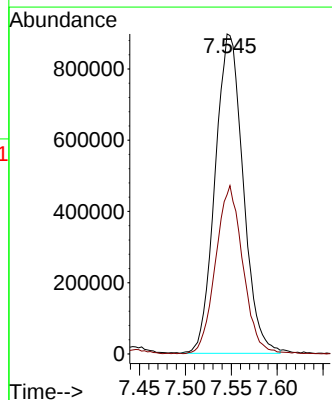
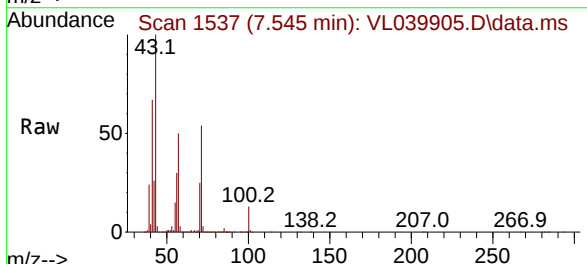
Manual Integrations
 APPROVED

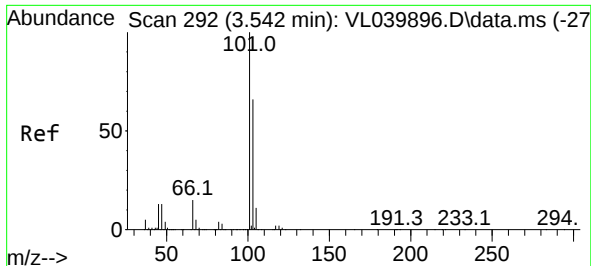
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#10
 Heptane
 Concen: 9.799 ppbv
 RT: 7.545 min Scan# 1537
 Delta R.T. -0.022 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

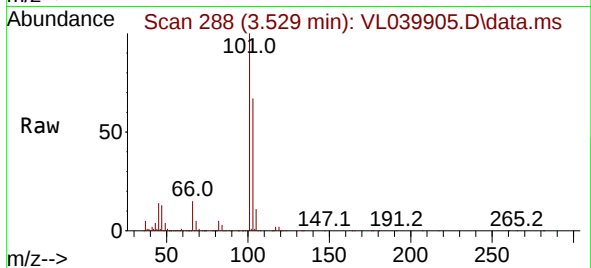
Tgt Ion: 43 Resp: 1903137
 Ion Ratio Lower Upper
 43 100
 57 51.5 40.7 61.1





#11
Trichlorofluoromethane
Concen: 10.513 ppbv
RT: 3.529 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

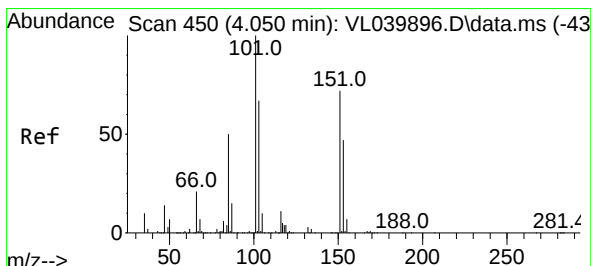
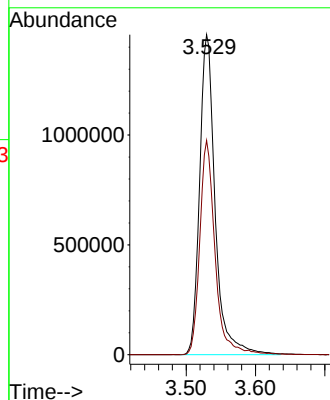
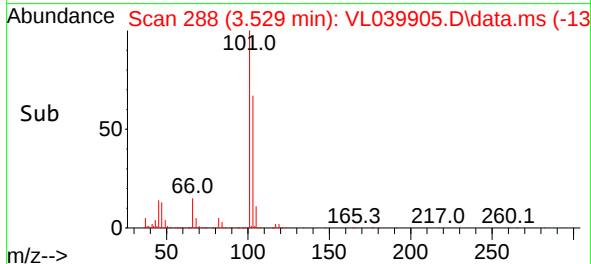
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



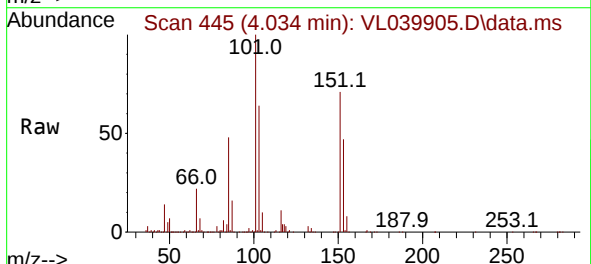
Tgt Ion:101 Resp: 2273900
Ion Ratio Lower Upper
101 100
103 67.0 52.6 78.8

Manual Integrations
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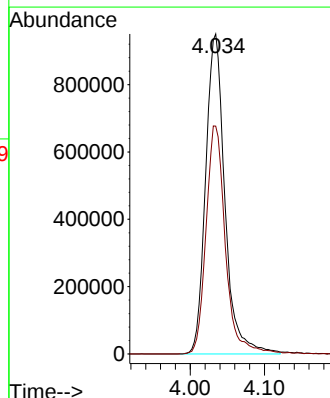
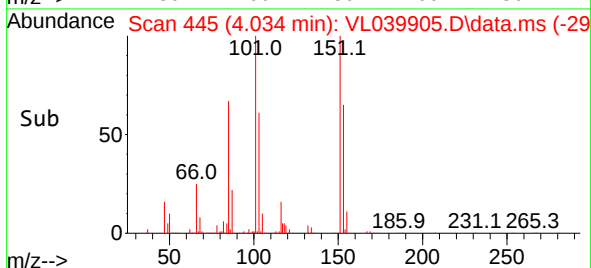
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

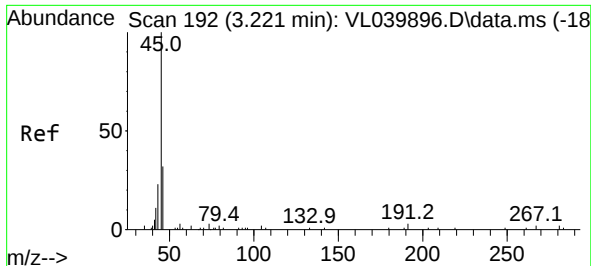


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.454 ppbv
RT: 4.034 min Scan# 445
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion:101 Resp: 1711432
Ion Ratio Lower Upper
101 100
151 72.0 59.6 89.4





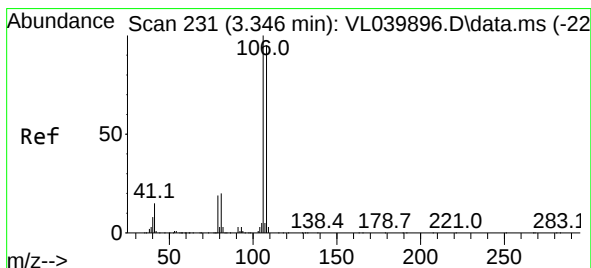
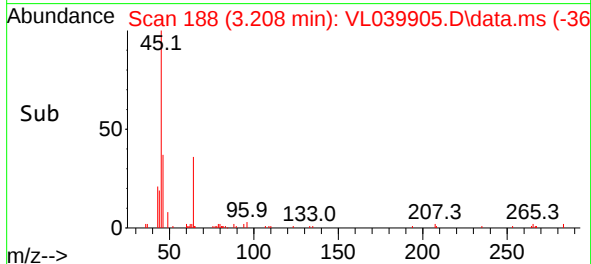
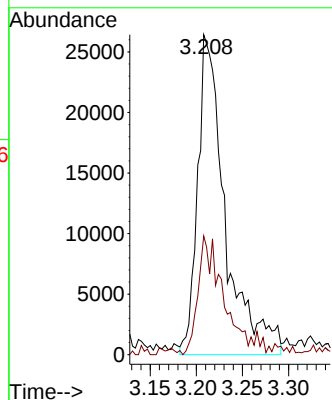
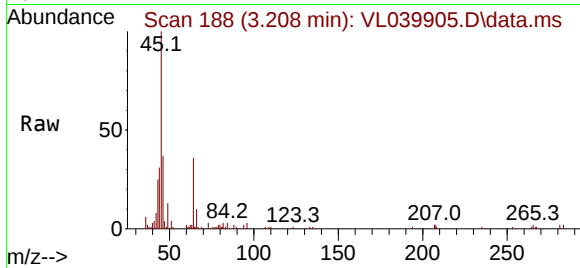
#13
Ethanol
Concen: 8.947 ppbv m
RT: 3.208 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 5498
Ion Ratio Lower Upper
45 100
46 38.6 14.6 58.2

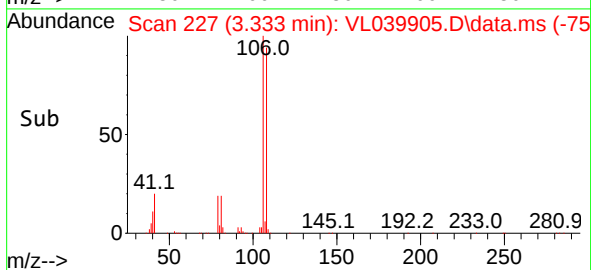
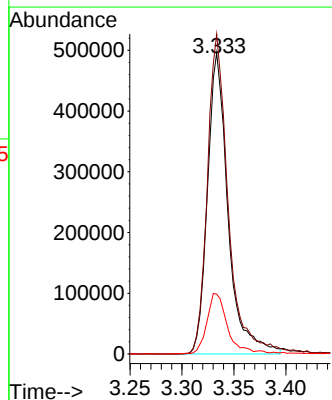
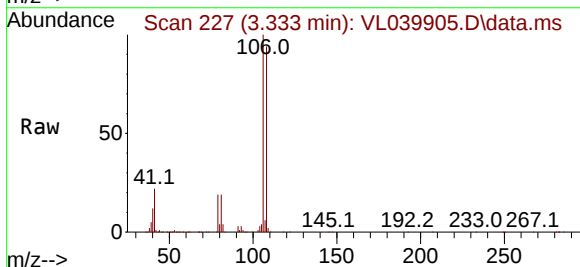
Manual Integrations
APPROVED

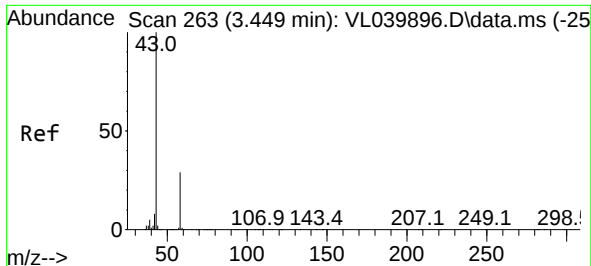
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#14
Bromoethene
Concen: 10.677 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion:108 Resp: 681676
Ion Ratio Lower Upper
108 100
106 109.0 87.3 130.9
79 21.1 15.9 23.9





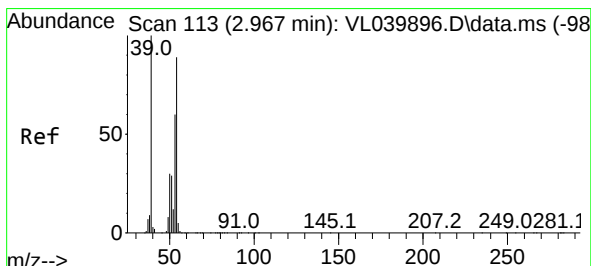
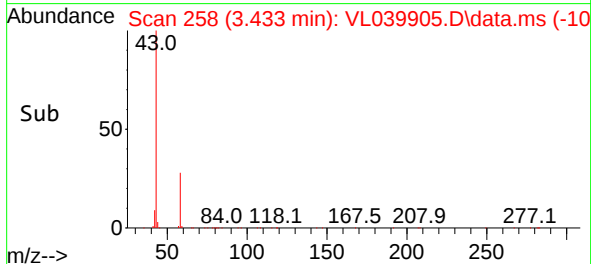
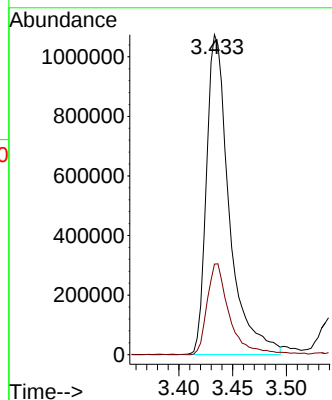
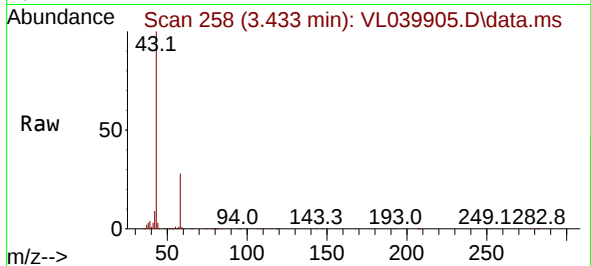
#15
Acetone
Concen: 9.622 ppbv
RT: 3.433 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 158032
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3

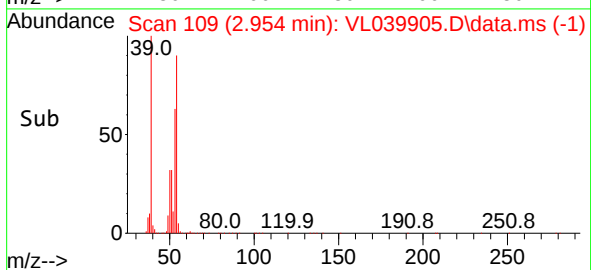
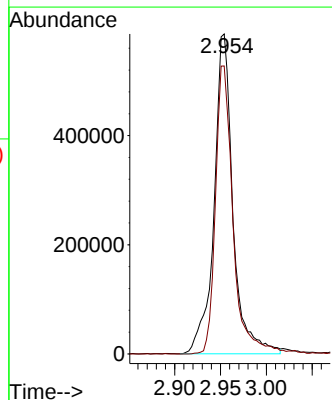
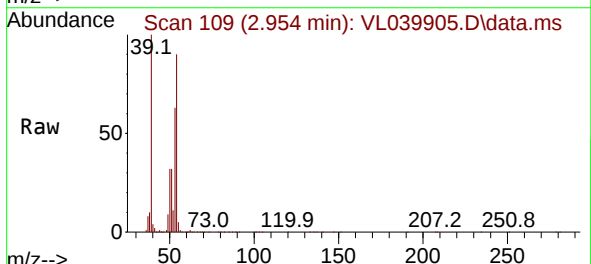
Manual Integrations
APPROVED

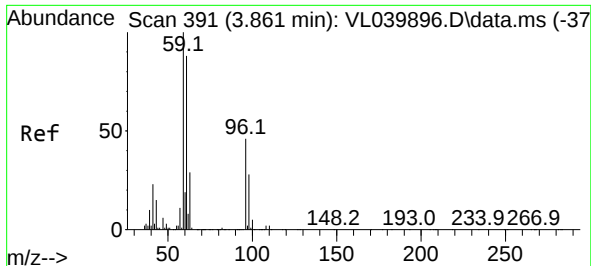
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#16
1,3-Butadiene
Concen: 10.272 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion: 39 Resp: 840781
Ion Ratio Lower Upper
39 100
54 84.8 66.6 99.8





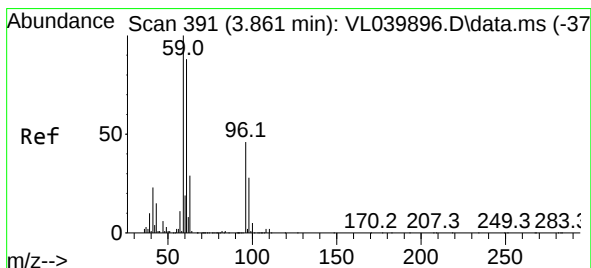
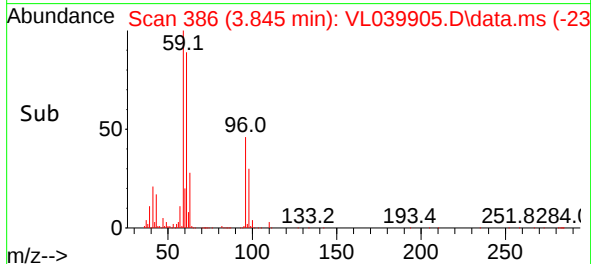
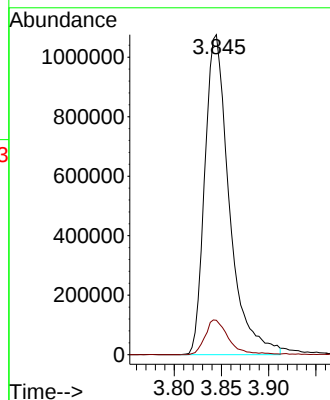
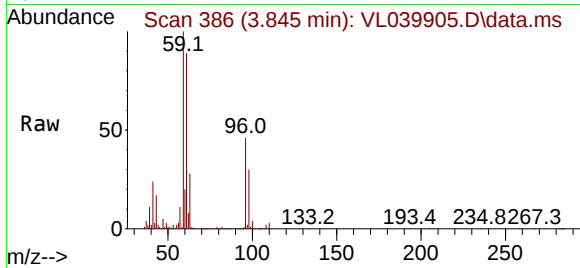
#17
tert-Butyl alcohol
Concen: 10.279 ppbv
RT: 3.845 min Scan# 386
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 194090
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

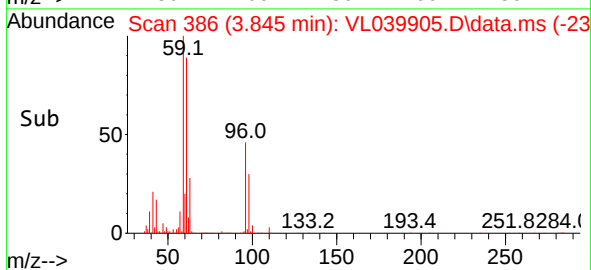
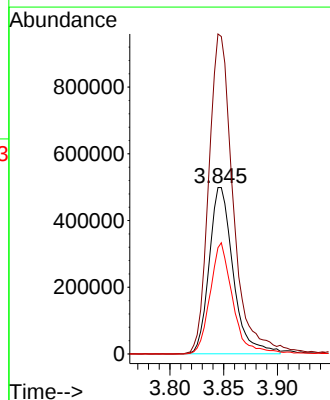
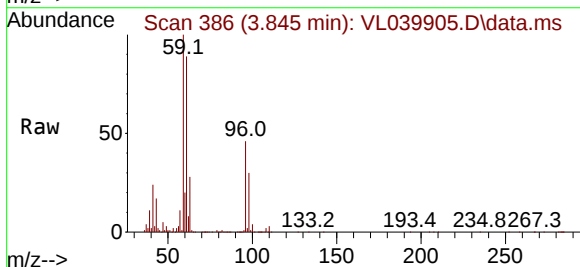
Manual Integrations
APPROVED

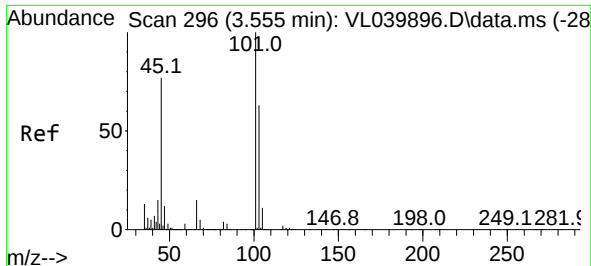
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#18
1,1-Dichloroethene
Concen: 10.387 ppbv
RT: 3.845 min Scan# 386
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

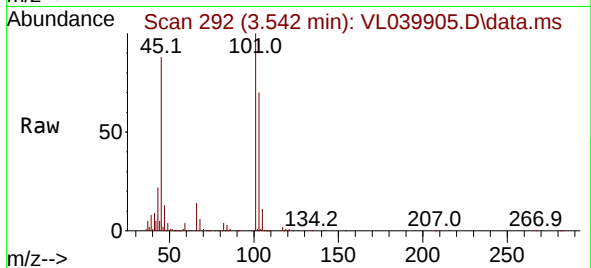
Tgt Ion: 96 Resp: 775655
Ion Ratio Lower Upper
96 100
61 192.2 153.4 230.2
98 63.9 48.9 73.3





#19
Isopropyl Alcohol
Concen: 10.218 ppbv
RT: 3.542 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

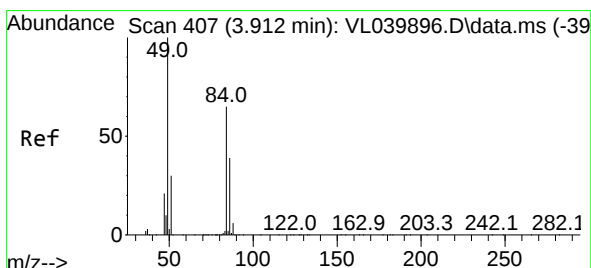
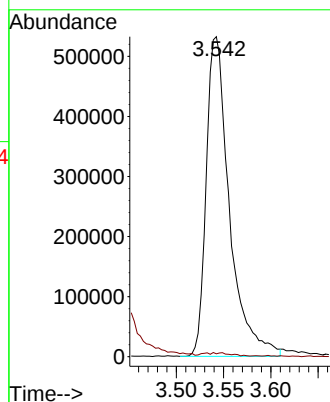
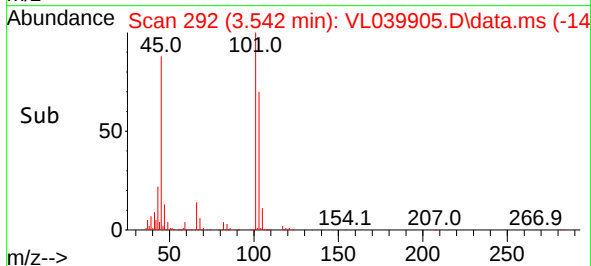
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



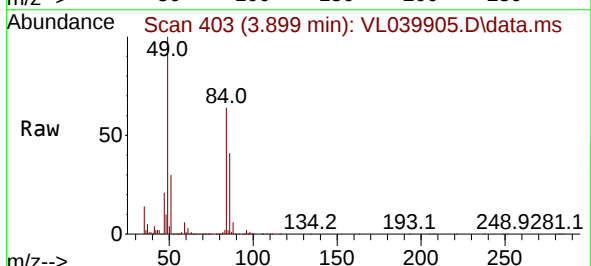
Tgt Ion: 45 Resp: 908570
Ion Ratio Lower Upper
45 100
58 1.5 38.7 58.1

Manual Integrations
APPROVED

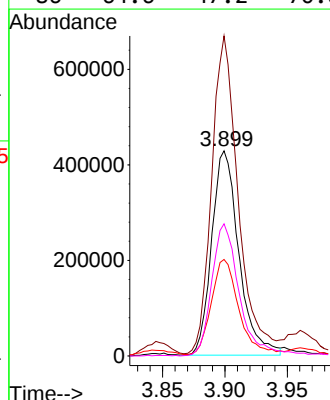
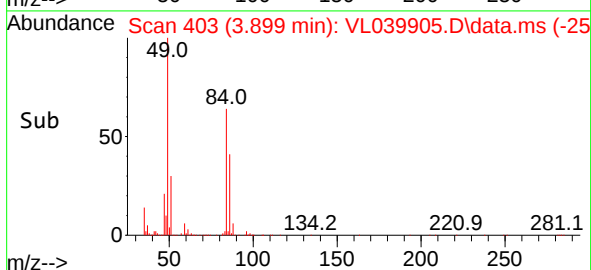
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

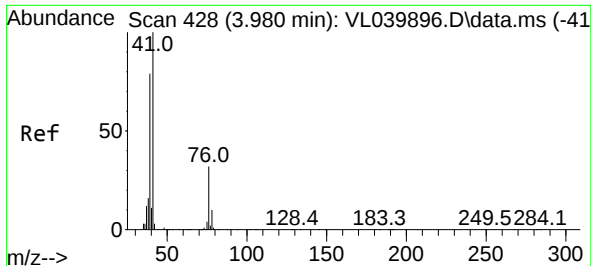


#20
Methylene Chloride
Concen: 8.182 ppbv
RT: 3.899 min Scan# 403
Delta R.T. -0.013 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion: 84 Resp: 651067
Ion Ratio Lower Upper
84 100
49 155.2 122.2 183.4
51 46.2 36.3 54.5
86 64.6 47.2 70.8





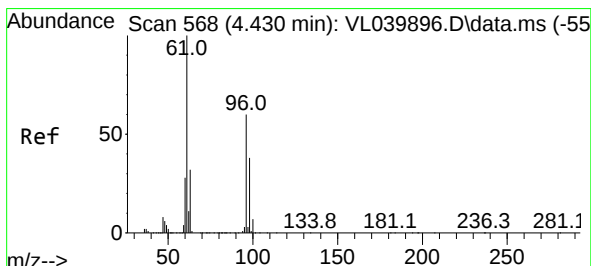
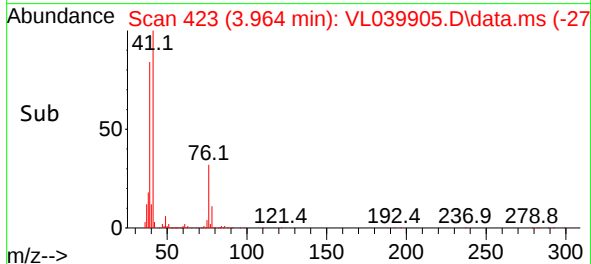
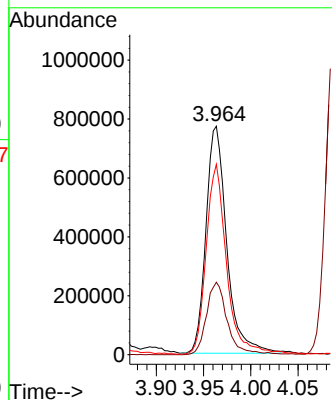
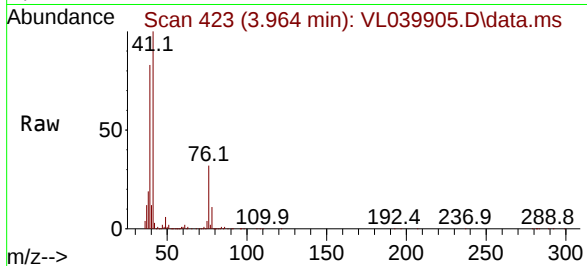
#21
 Allyl Chloride
 Concen: 10.350 ppbv
 RT: 3.964 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1179139
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.6 38.4
 39 82.1 65.2 97.8

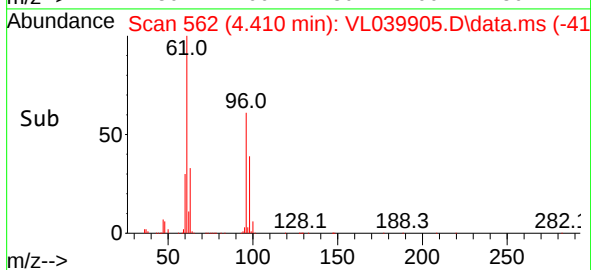
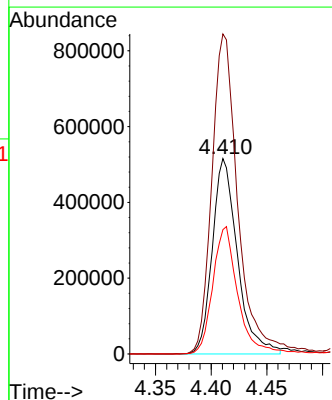
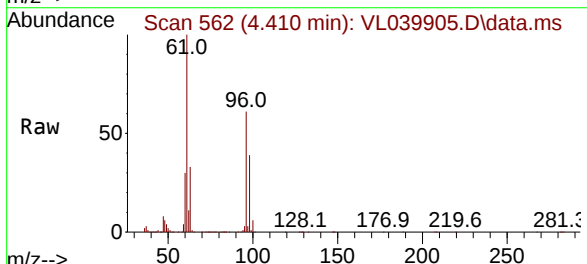
Manual Integrations
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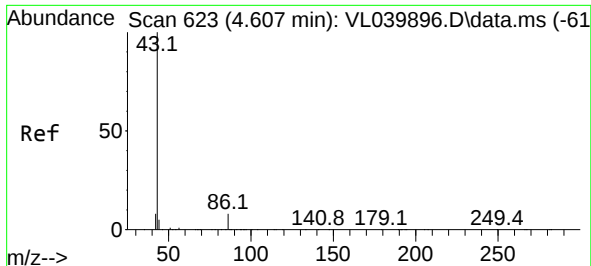
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.679 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.019 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

Tgt Ion: 96 Resp: 810950
 Ion Ratio Lower Upper
 96 100
 61 163.7 134.1 201.1
 98 63.6 50.4 75.6





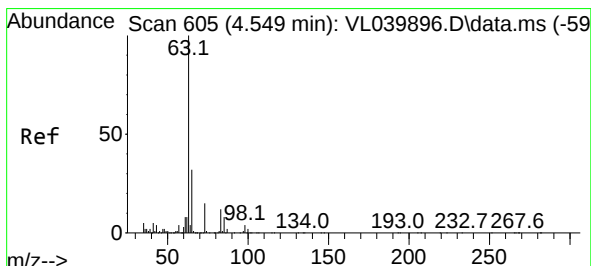
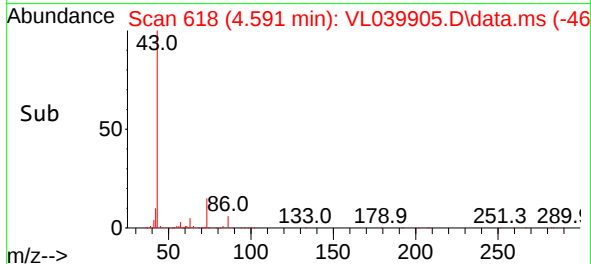
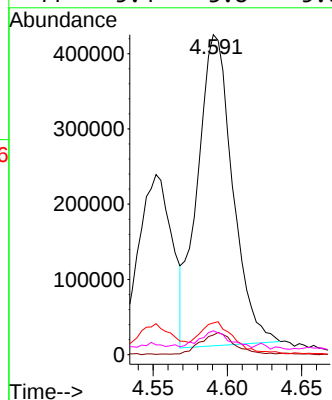
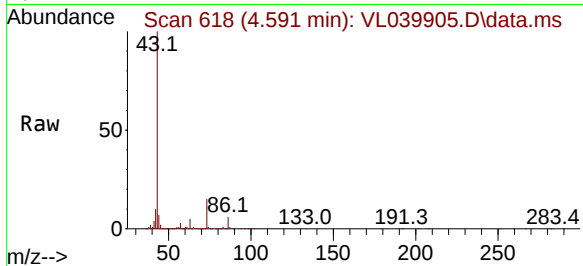
#23
 Vinyl Acetate
 Concen: 10.052 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. -0.016 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 678220
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.0 7.4
 42 9.7 7.6 11.4
 44 5.4 3.8 5.6

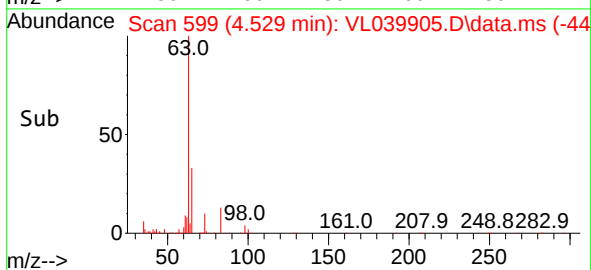
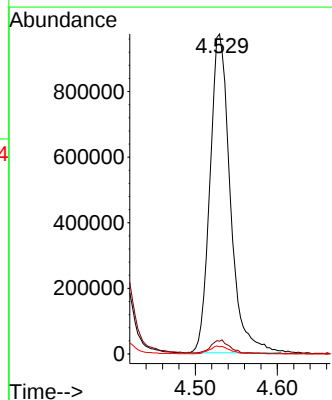
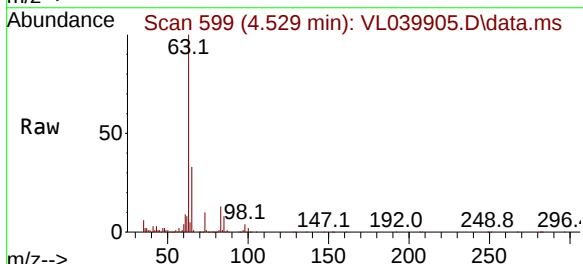
Manual Integrations
 APPROVED

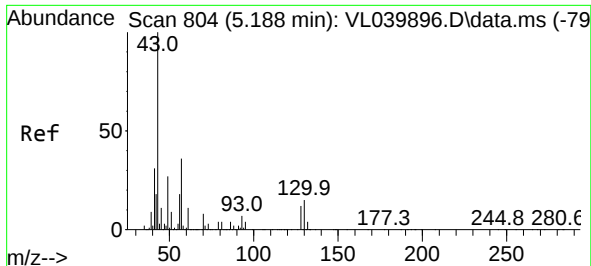
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#24
 1,1-Dichloroethane
 Concen: 10.259 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. -0.019 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

Tgt Ion: 63 Resp: 1668990
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.5
 100 2.2 1.1 3.5





#25

Ethyl Acetate

Concen: 10.084 ppbv

RT: 5.169 min Scan# 79

Delta R.T. -0.019 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 3040740

Ion Ratio Lower Upper

43 100

45 10.7 8.4 12.6

61 10.7 8.5 12.7

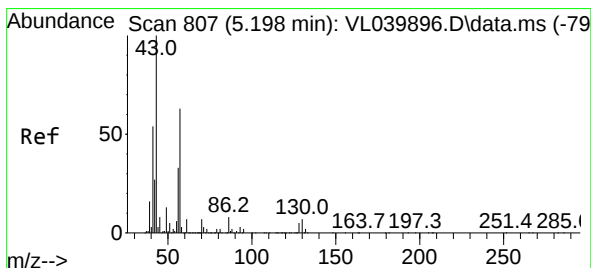
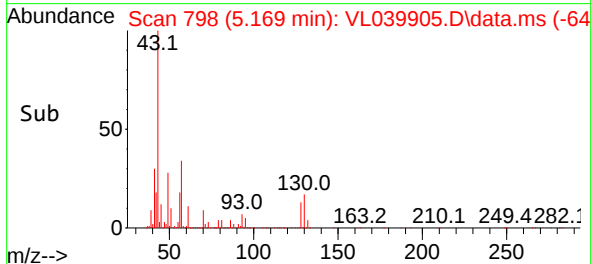
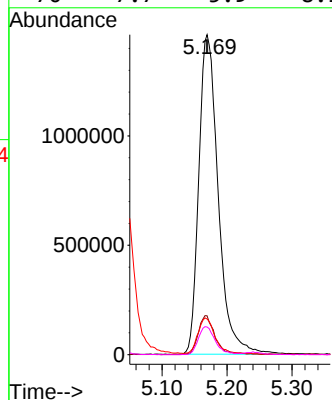
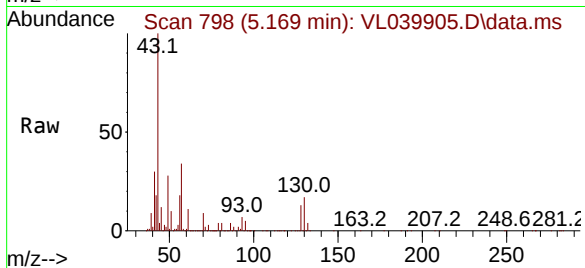
70 7.7 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#26

Hexane

Concen: 9.732 ppbv

RT: 5.182 min Scan# 802

Delta R.T. -0.016 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Tgt Ion: 57 Resp: 1281900

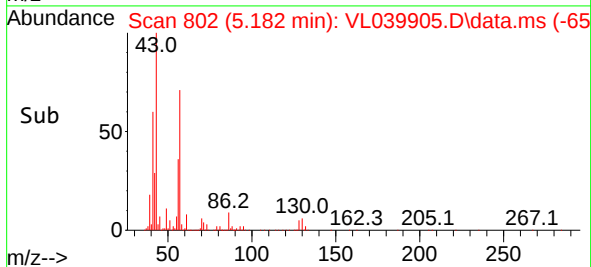
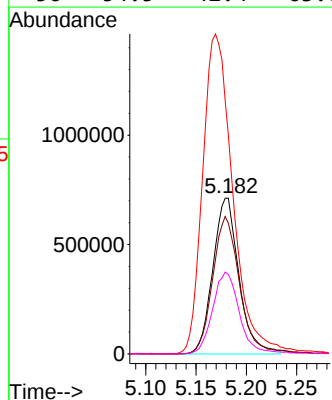
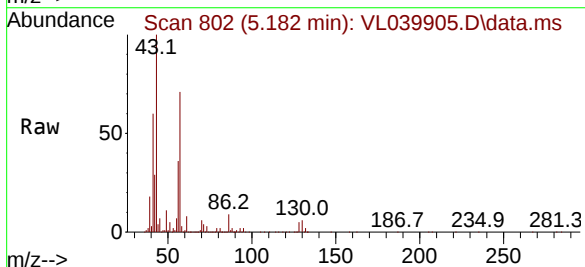
Ion Ratio Lower Upper

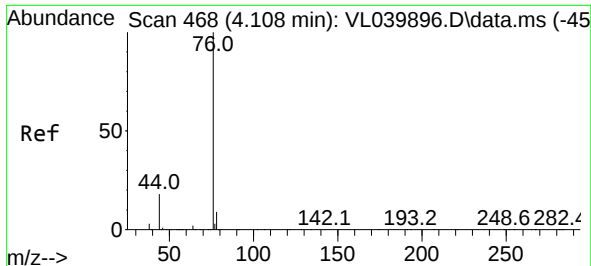
57 100

41 91.9 72.3 108.5

43 239.4 188.7 283.1

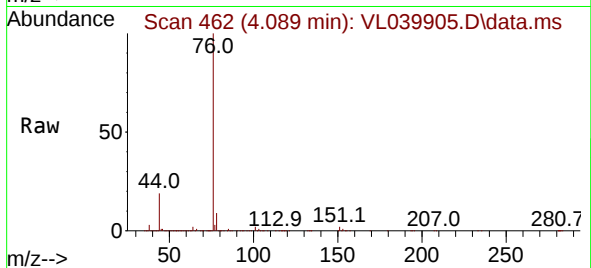
56 54.5 42.4 63.6





#27
Carbon Disulfide
Concen: 11.672 ppbv
RT: 4.089 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

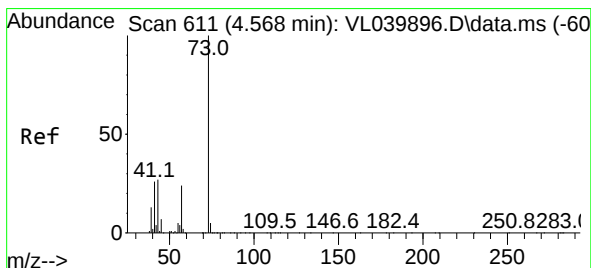
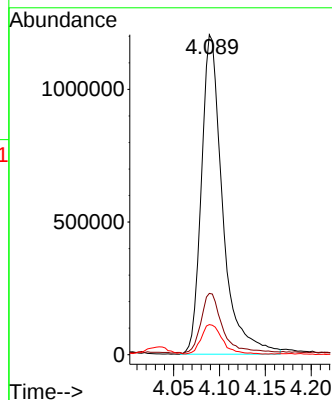
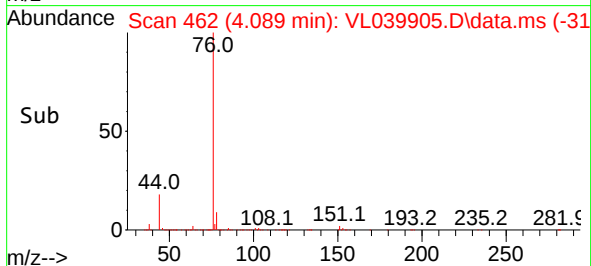
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



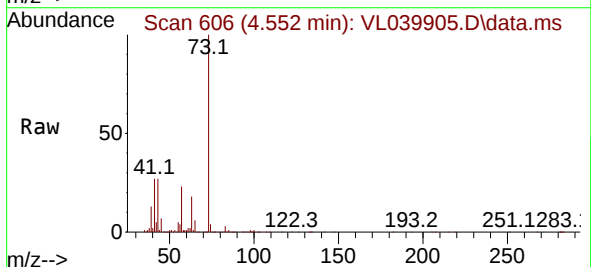
Tgt Ion: 76 Resp: 1941139
Ion Ratio Lower Upper
76 100
44 19.6 14.7 22.1
78 9.6 7.8 11.8

Manual Integrations
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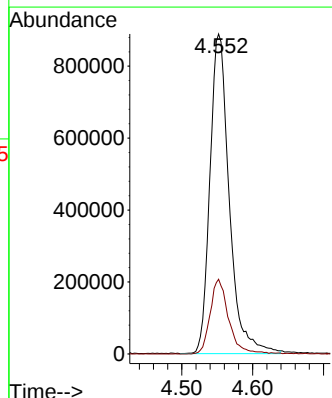
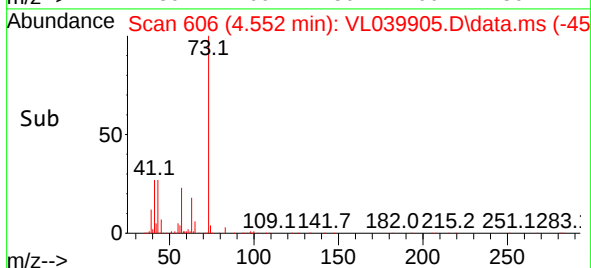
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

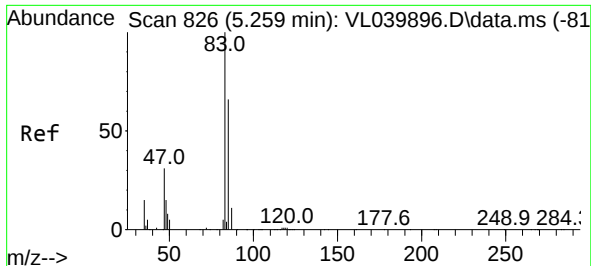


#28
Methyl tert-Butyl Ether
Concen: 10.193 ppbv
RT: 4.552 min Scan# 606
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion: 73 Resp: 1681031
Ion Ratio Lower Upper
73 100
57 22.7 18.9 28.3





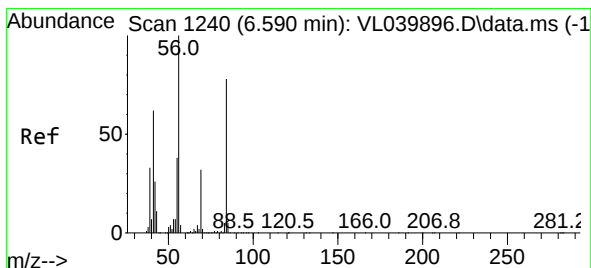
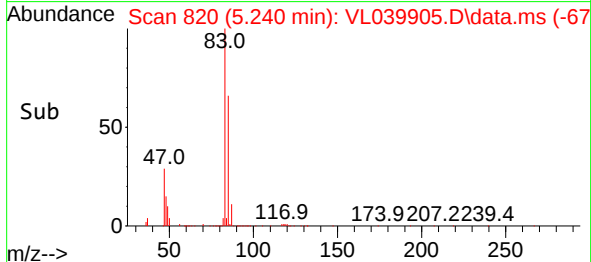
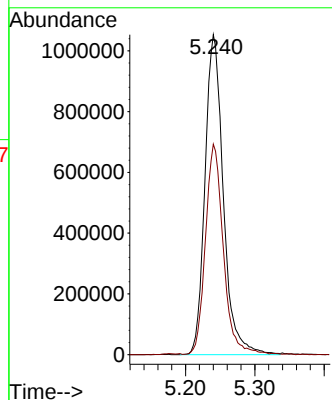
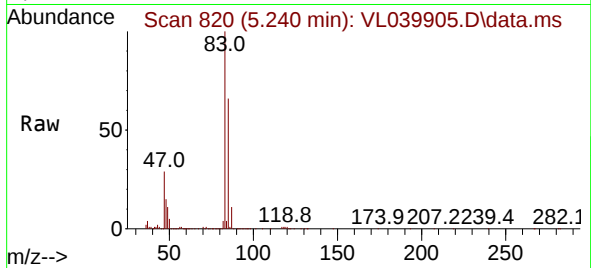
#29
Chloroform
Concen: 11.044 ppbv
RT: 5.240 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1933219
Ion Ratio Lower Upper
83 100
85 65.6 52.4 78.6

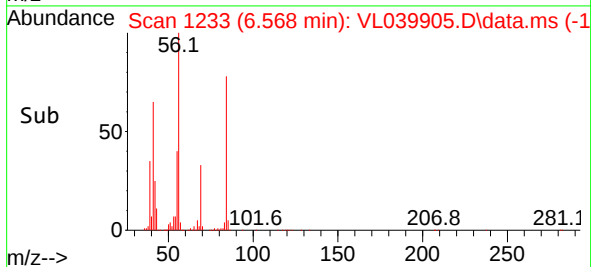
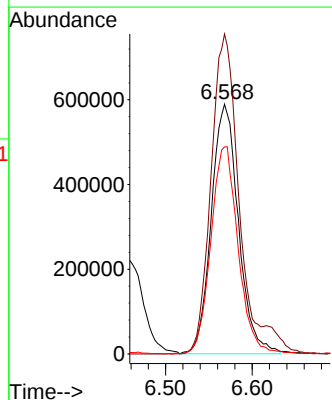
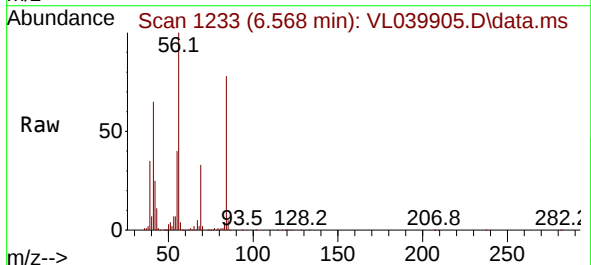
Manual Integrations
APPROVED

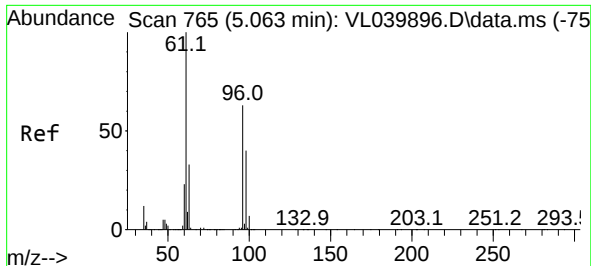
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#30
Cyclohexane
Concen: 9.906 ppbv
RT: 6.568 min Scan# 1233
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

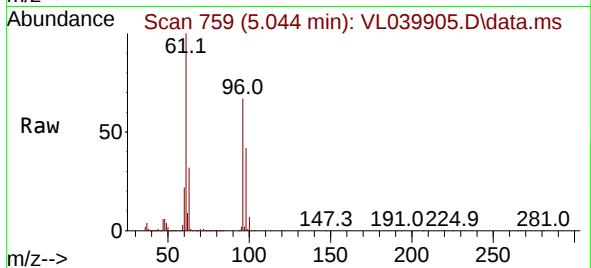
Tgt Ion: 84 Resp: 1280552
Ion Ratio Lower Upper
84 100
56 135.2 112.5 168.7
41 83.7 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.623 ppbv
 RT: 5.044 min Scan# 71
 Delta R.T. -0.019 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39

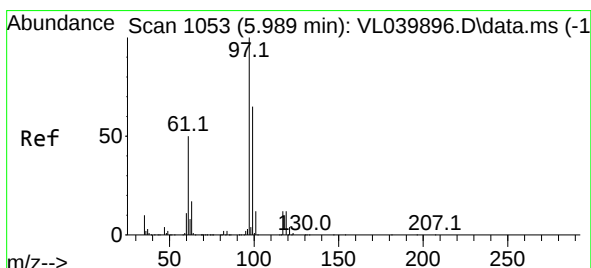
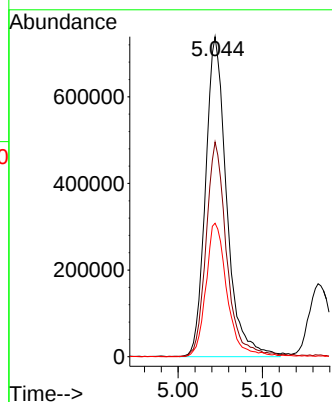
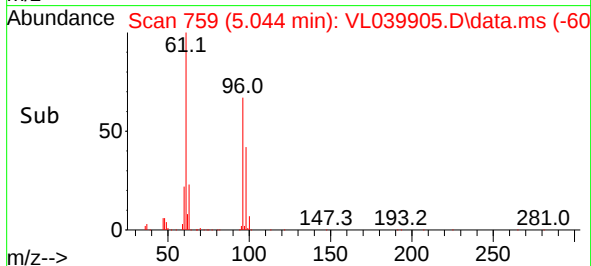
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



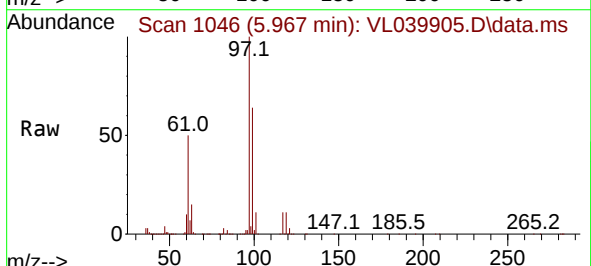
Tgt Ion: 61 Resp: 129289
 Ion Ratio Lower Upper
 61 100
 96 67.0 50.3 75.5
 98 41.6 32.2 48.2

Manual Integrations
 APPROVED

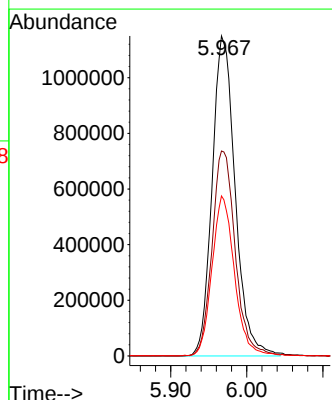
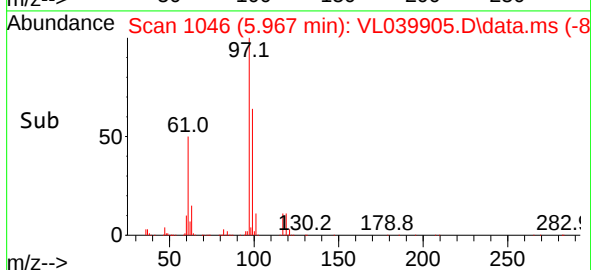
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

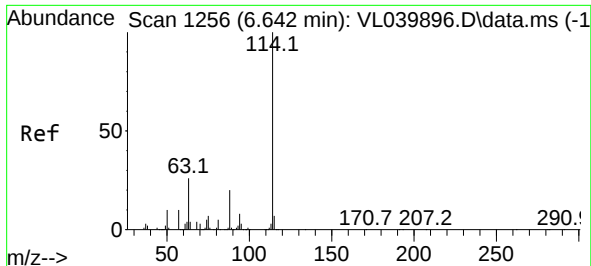


#32
 1,1,1-Trichloroethane
 Concen: 11.059 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. -0.022 min
 Lab File: VL039905.D
 Acq: 21 Nov 2022 10:39



Tgt Ion: 97 Resp: 2417677
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.4 77.0
 61 49.1 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 114

Delta R.T. -0.022 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 3679090

Ion Ratio Lower Upper

114 100

63 25.7 21.4 32.0

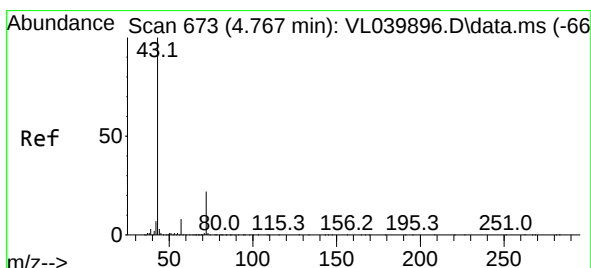
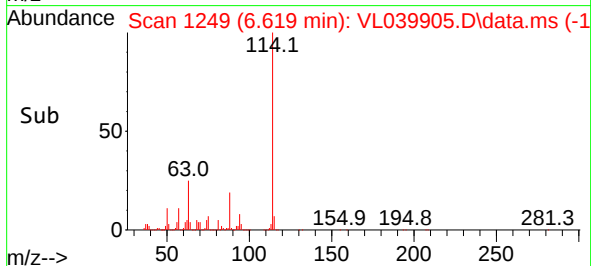
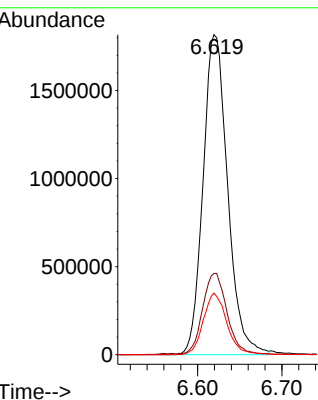
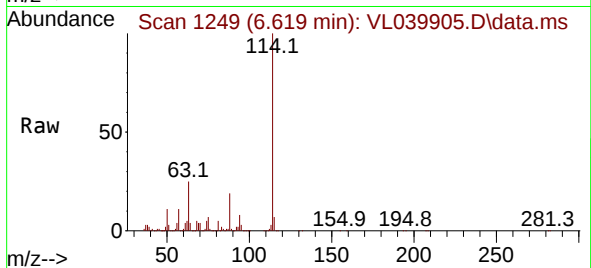
88 18.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#34

2-Butanone

Concen: 10.526 ppbv

RT: 4.751 min Scan# 668

Delta R.T. -0.016 min

Lab File: VL039905.D

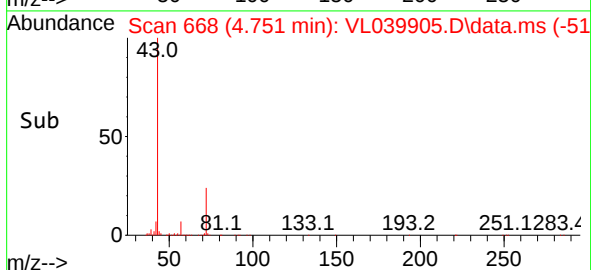
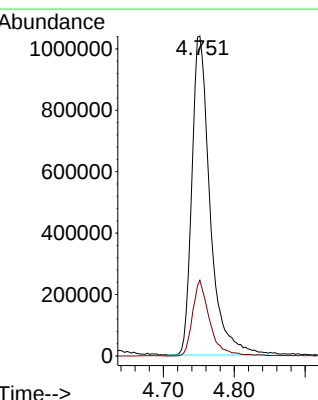
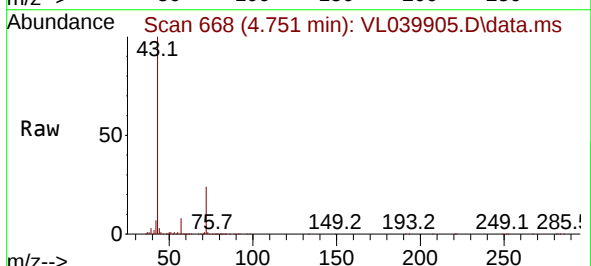
Acq: 21 Nov 2022 10:39

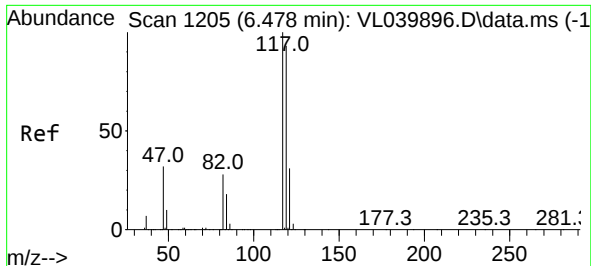
Tgt Ion: 43 Resp: 1852958

Ion Ratio Lower Upper

43 100

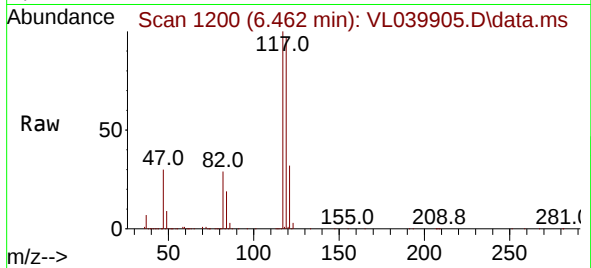
72 22.6 17.4 26.2





#35
Carbon Tetrachloride
Concen: 11.734 ppbv
RT: 6.462 min Scan# 1173
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

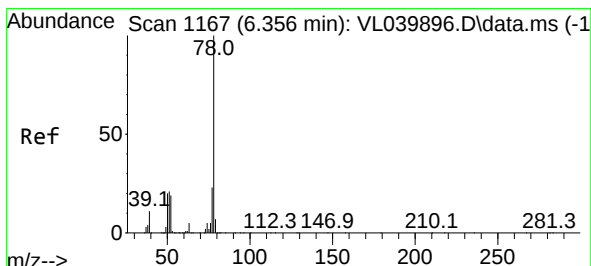
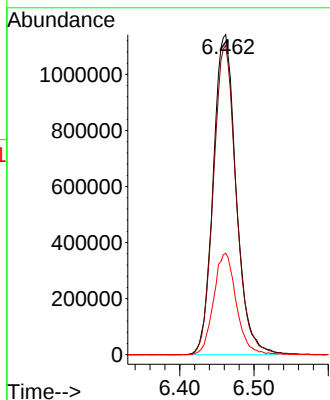
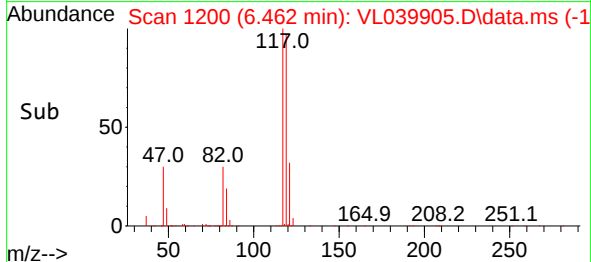
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 245173
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
121 31.7 24.5 36.7

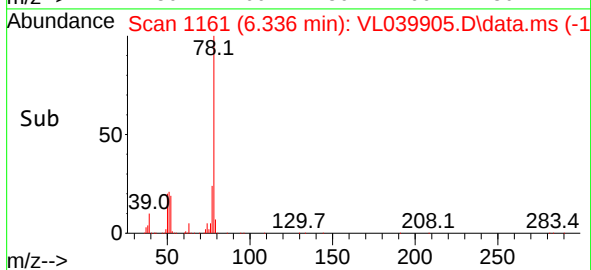
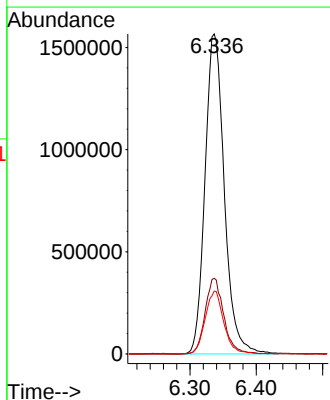
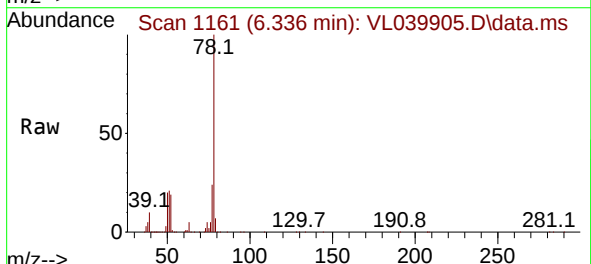
Manual Integrations
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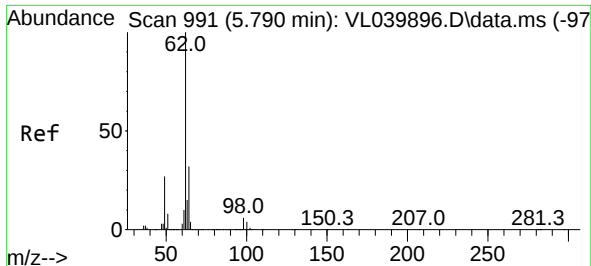
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#36
Benzene
Concen: 10.143 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion: 78 Resp: 3171871
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2
50 19.7 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.595 ppbv

RT: 5.774 min Scan# 91

Delta R.T. -0.016 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1815784

Ion Ratio Lower Upper

62 100

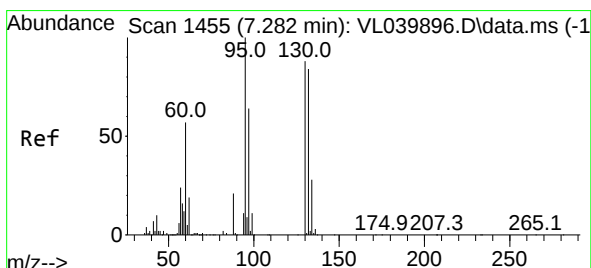
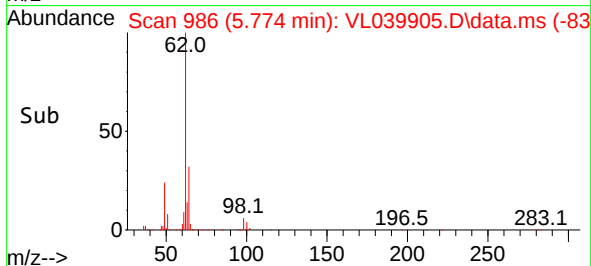
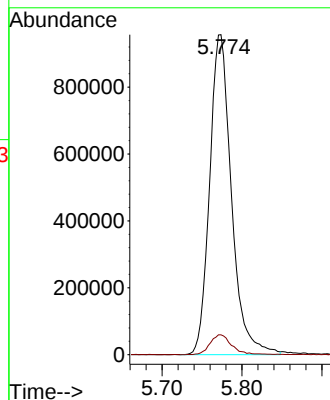
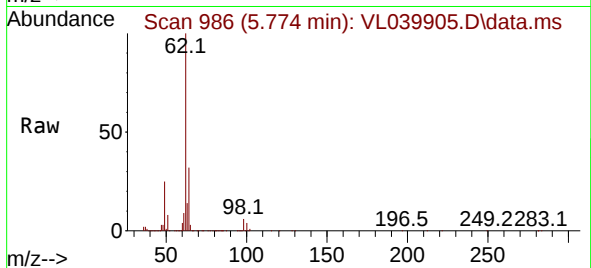
98 6.3 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#38

Trichloroethene

Concen: 10.256 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.022 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Tgt Ion:130 Resp: 1792933

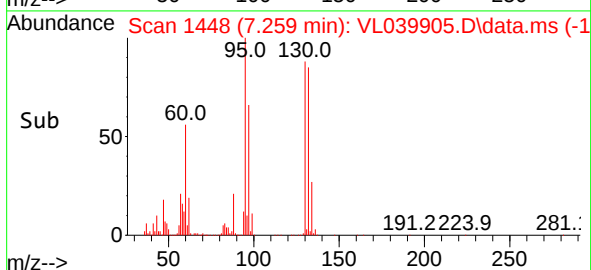
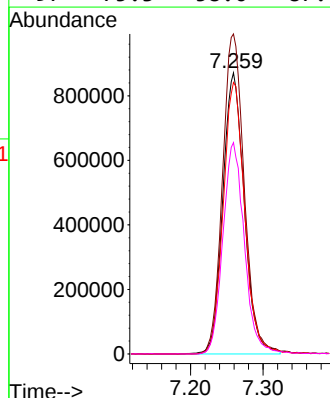
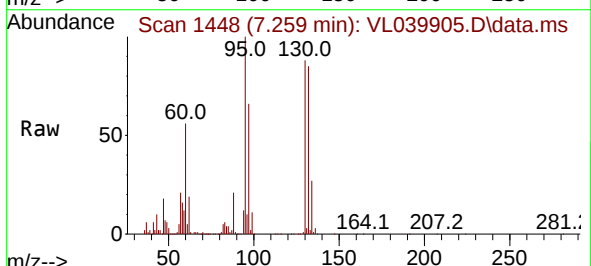
Ion Ratio Lower Upper

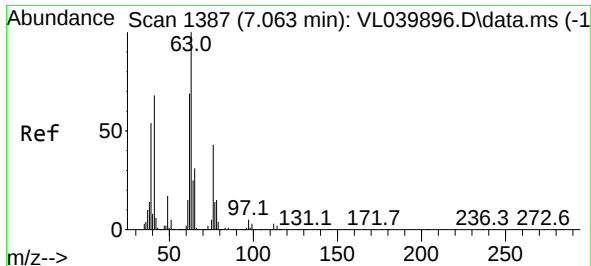
130 100

95 113.9 90.6 135.8

132 96.6 76.2 114.4

97 75.3 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.933 ppbv

RT: 7.041 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 121016

Ion Ratio Lower Upper

63 100

41 73.6 54.7 82.1

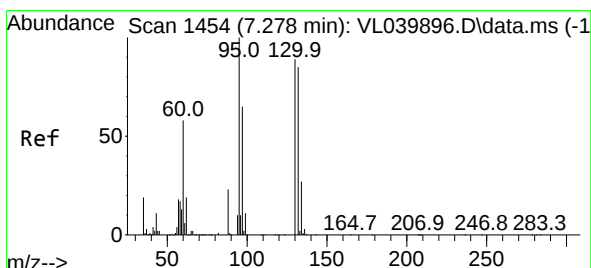
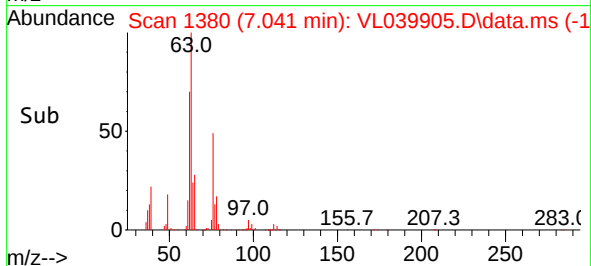
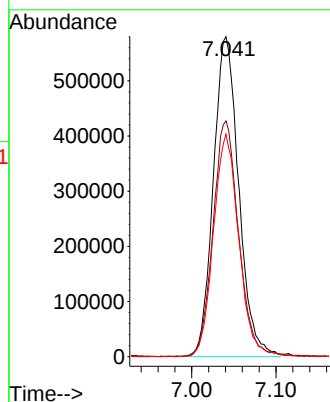
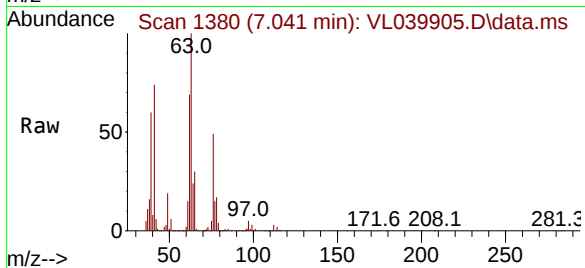
62 69.5 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#40

1,4-Dioxane

Concen: 10.146 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.022 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Tgt Ion: 88 Resp: 492455

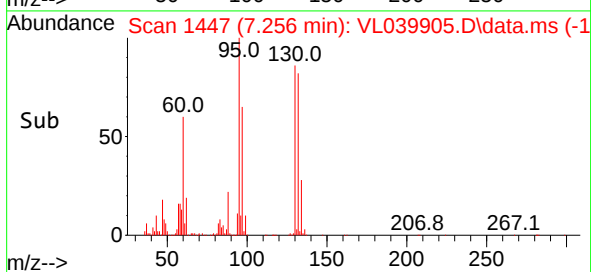
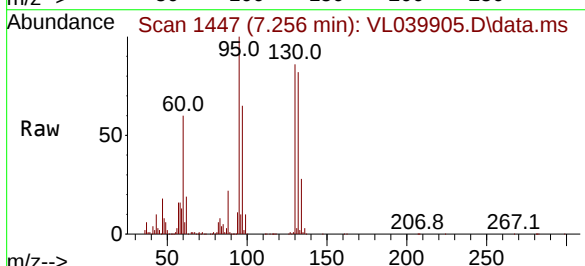
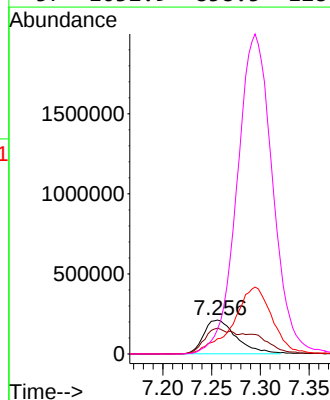
Ion Ratio Lower Upper

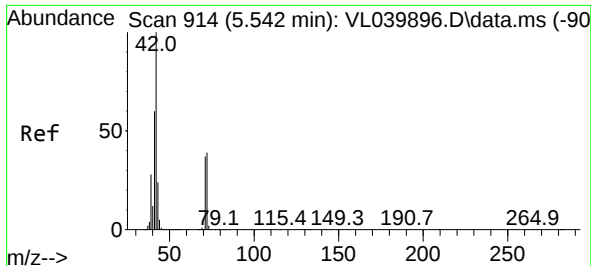
88 100

58 121.7 100.5 150.7

43 236.1 195.8 293.8

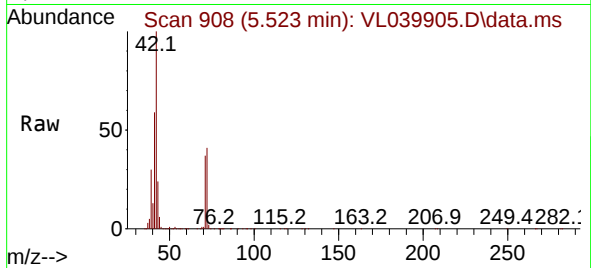
57 1032.9 858.5 1287.7





#41
Tetrahydrofuran
Concen: 9.969 ppbv
RT: 5.523 min Scan# 90
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

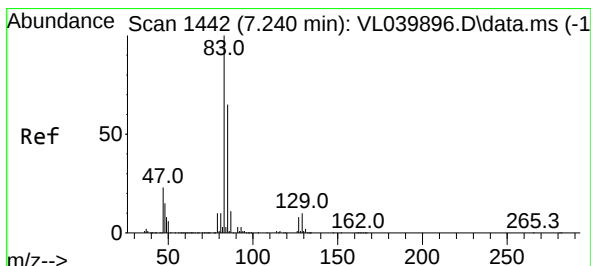
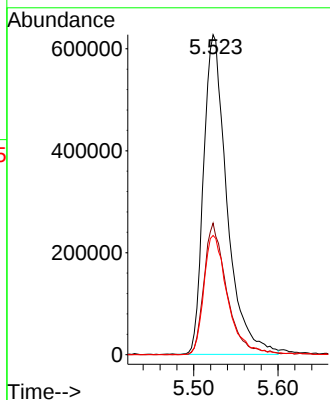
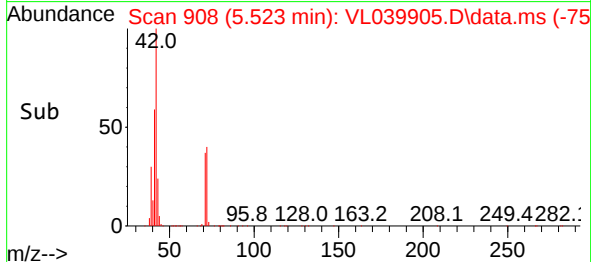
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1211549
Ion Ratio Lower Upper
42 100
72 40.5 31.6 47.4
71 38.5 31.2 46.8

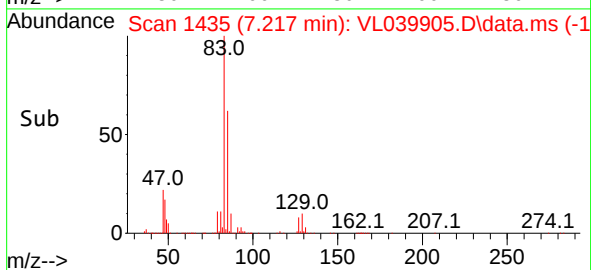
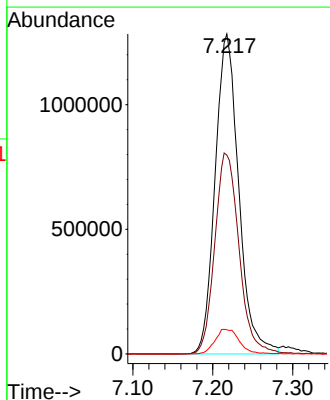
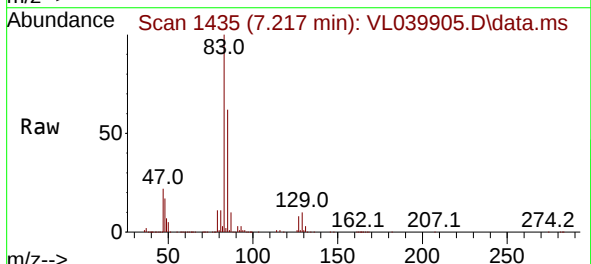
Manual Integrations
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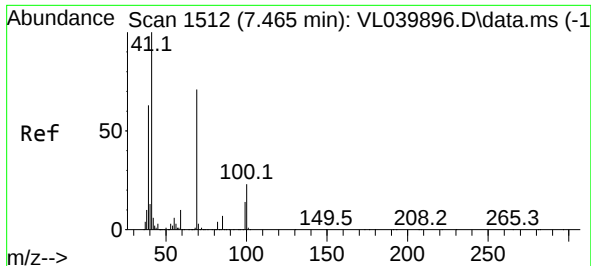
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#42
Bromodichloromethane
Concen: 11.313 ppbv
RT: 7.217 min Scan# 1435
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

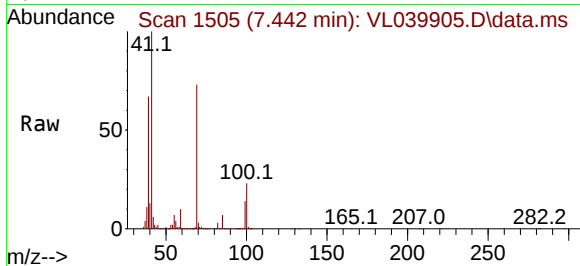
Tgt Ion: 83 Resp: 2629343
Ion Ratio Lower Upper
83 100
85 62.1 52.0 78.0
127 7.6 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.458 ppbv
RT: 7.442 min Scan# 1459
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

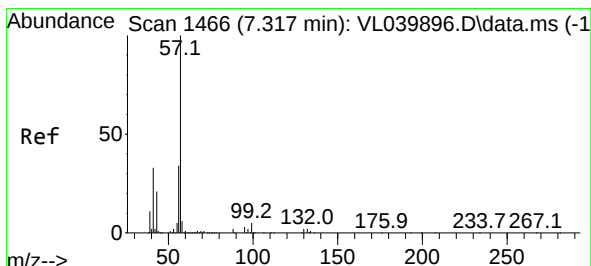
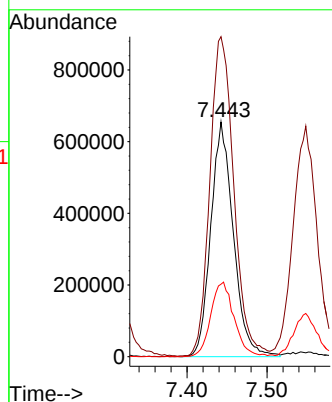
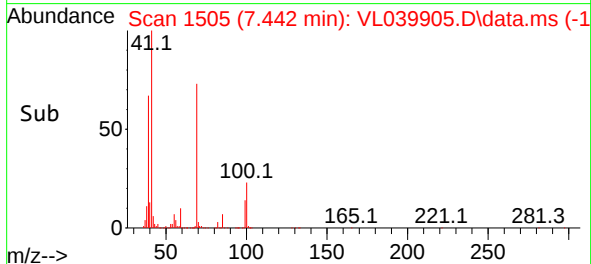
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



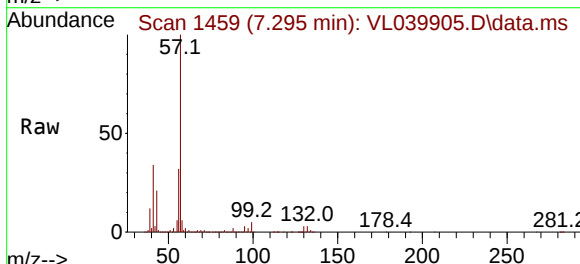
Tgt Ion: 69 Resp: 1282275
Ion Ratio Lower Upper
69 100
41 144.7 116.4 174.6
100 32.9 26.8 40.2

Manual Integrations
APPROVED

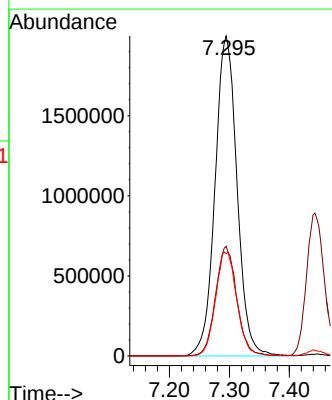
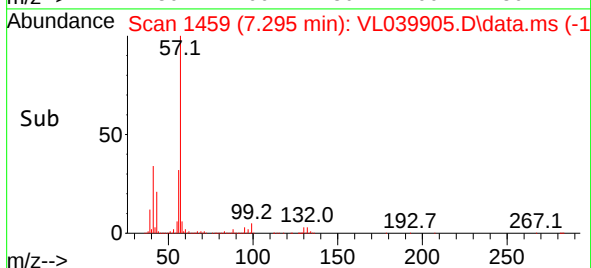
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

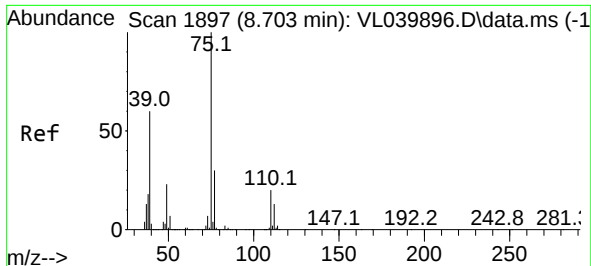


#44
2,2,4-Trimethylpentane
Concen: 9.727 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



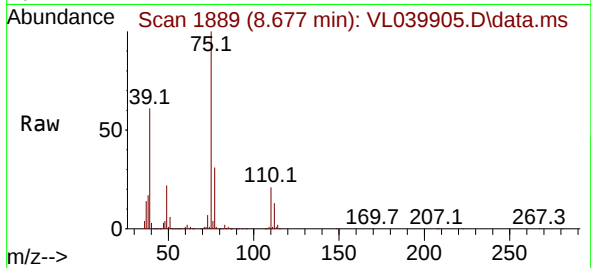
Tgt Ion: 57 Resp: 5078317
Ion Ratio Lower Upper
57 100
41 33.1 26.2 39.2
56 31.7 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 11.943 ppbv
RT: 8.677 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

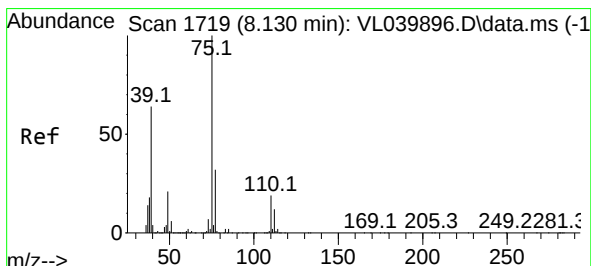
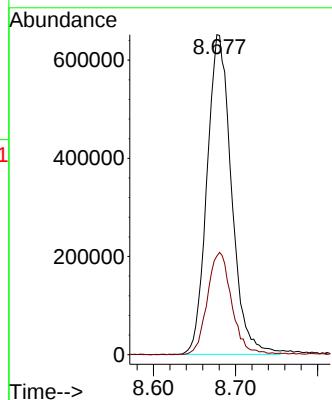
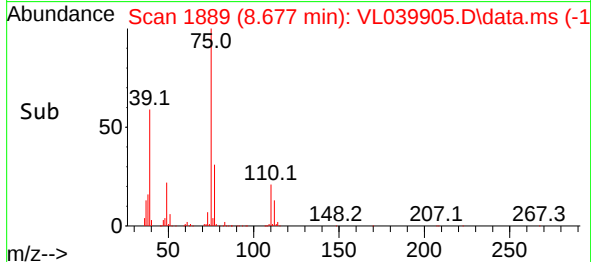
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 135289
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4

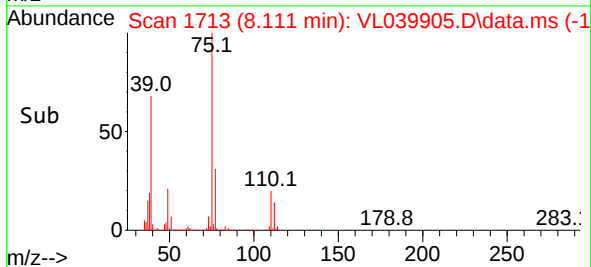
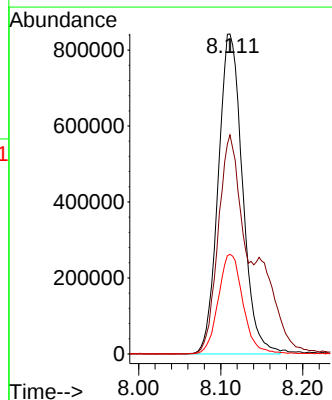
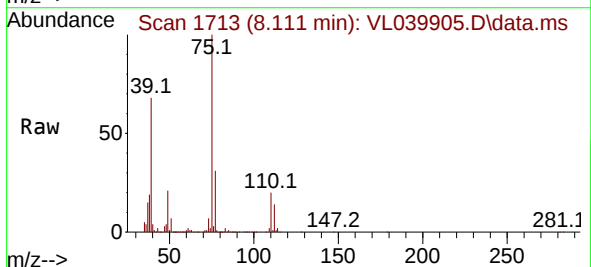
Manual Integrations
APPROVED

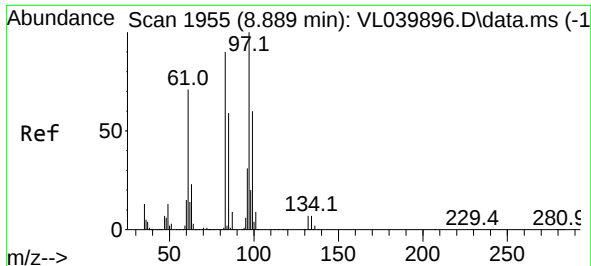
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#46
cis-1,3-Dichloropropene
Concen: 11.024 ppbv
RT: 8.111 min Scan# 1713
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

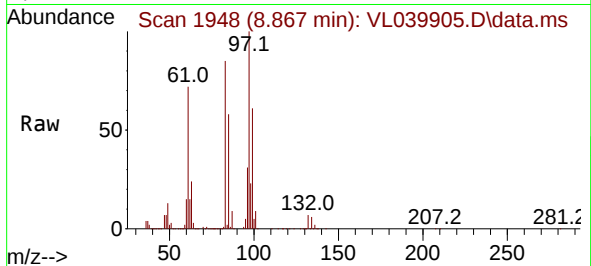
Tgt Ion: 75 Resp: 1729933
Ion Ratio Lower Upper
75 100
39 68.4 51.0 76.4
77 31.1 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 10.355 ppbv
RT: 8.867 min Scan# 1955
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

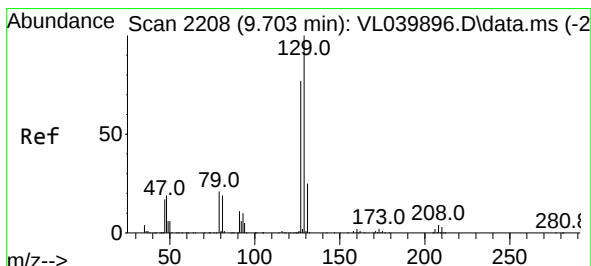
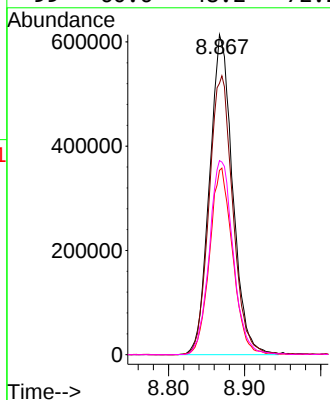
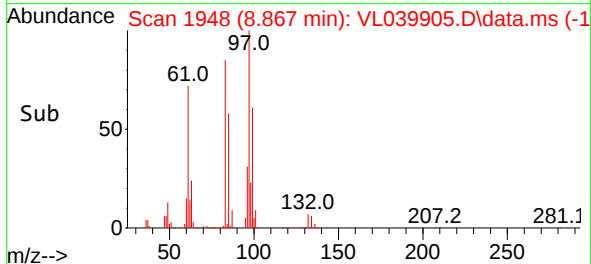
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



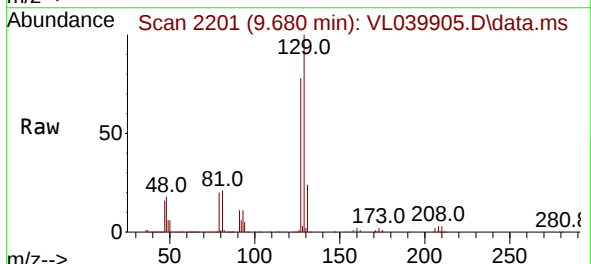
Tgt Ion: 97 Resp: 1296627
Ion Ratio Lower Upper
97 100
83 84.8 72.1 108.1
85 57.6 47.2 70.8
99 60.6 48.2 72.2

Manual Integrations
APPROVED

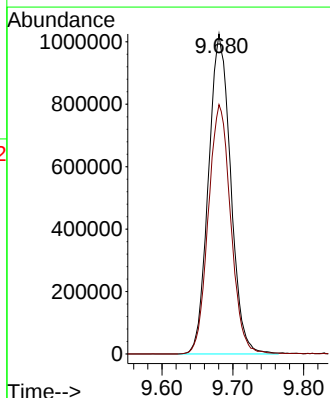
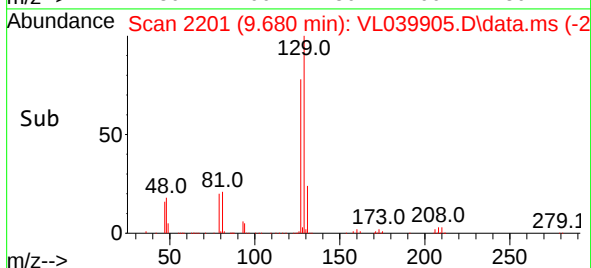
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

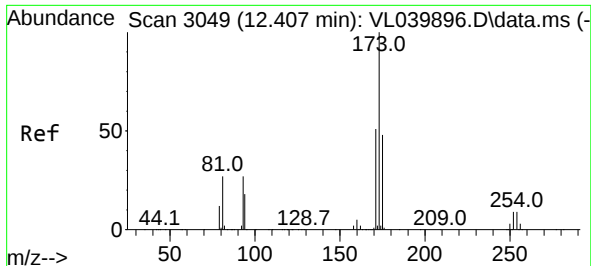


#48
Dibromochloromethane
Concen: 12.142 ppbv
RT: 9.680 min Scan# 2201
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



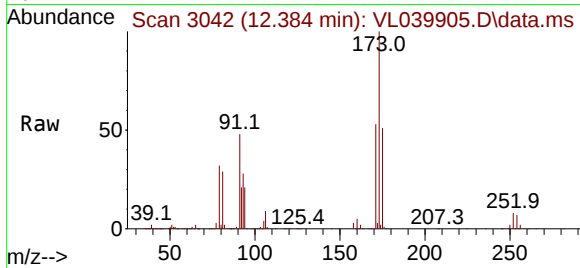
Tgt Ion:129 Resp: 2226984
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3





#49
Bromoform
Concen: 12.165 ppbv
RT: 12.384 min Scan# 3042
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

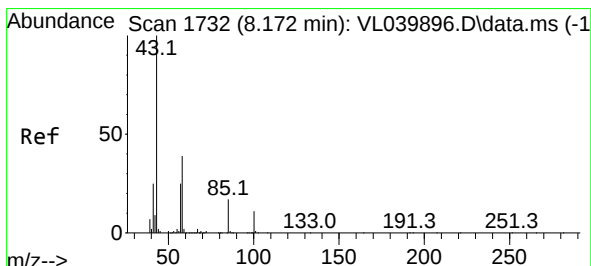
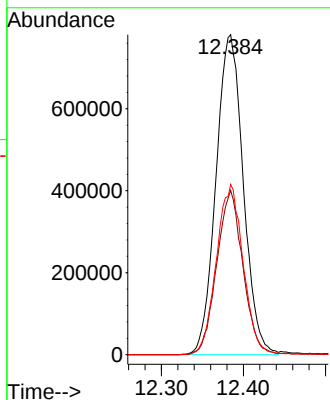
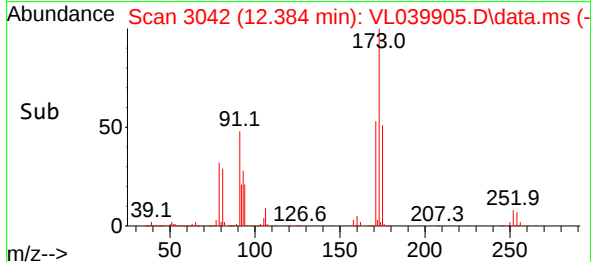
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion:173 Resp: 180606
Ion Ratio Lower Upper
173 100
175 49.5 39.1 58.7
171 52.4 41.8 62.8

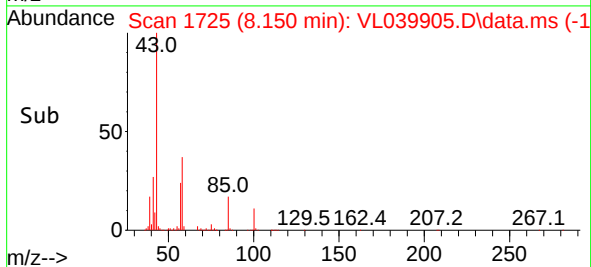
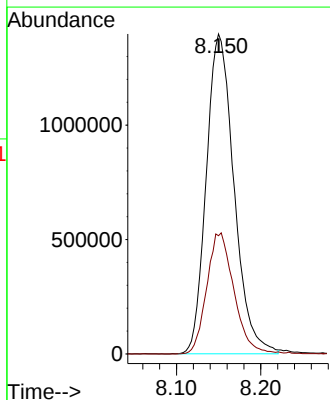
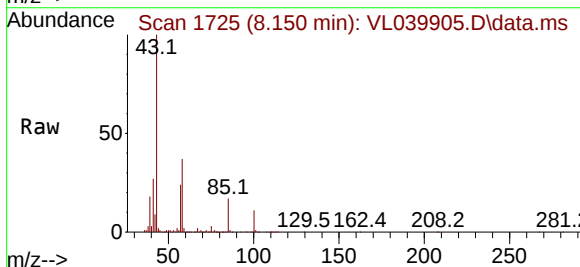
Manual Integrations
APPROVED

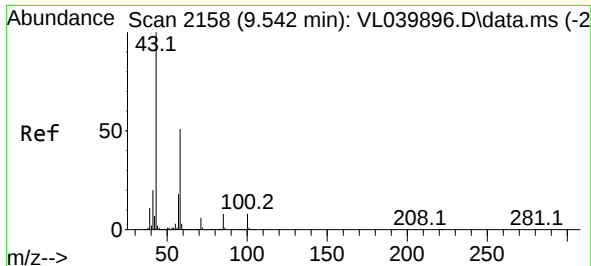
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#50
4-Methyl-2-Pentanone
Concen: 10.127 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

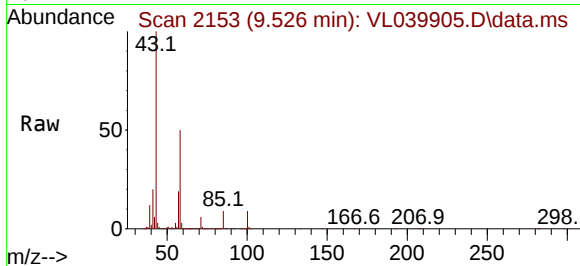
Tgt Ion: 43 Resp: 3192867
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6





#51
2-Hexanone
Concen: 10.513 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. -0.016 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

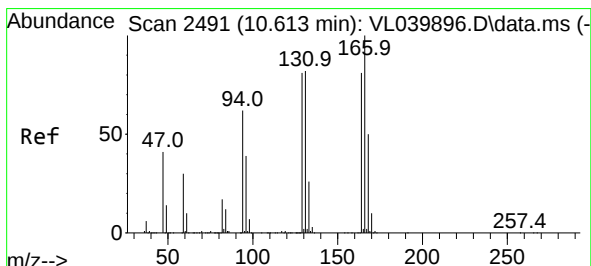
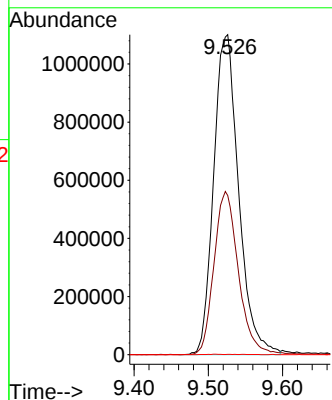
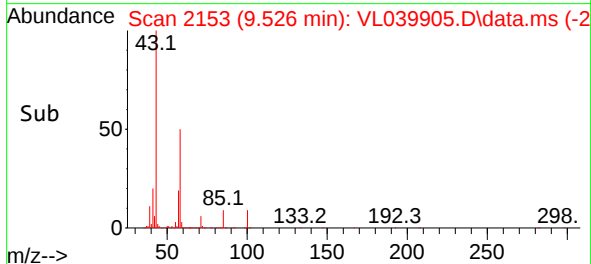
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



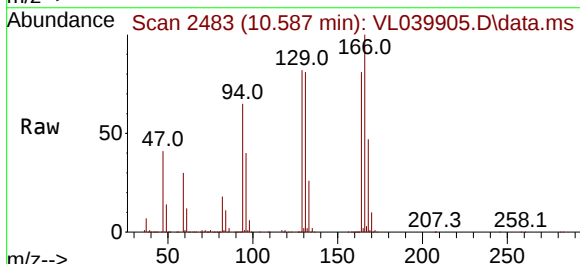
Tgt Ion: 43 Resp: 257307
Ion Ratio Lower Upper
43 100
58 50.2 40.2 60.4
98 0.1 0.1 0.1

Manual Integrations
APPROVED

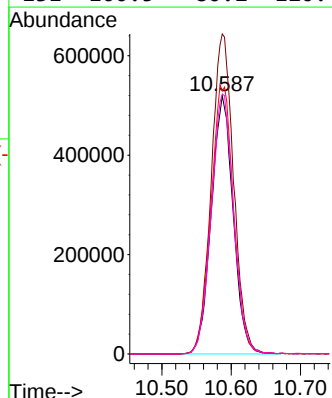
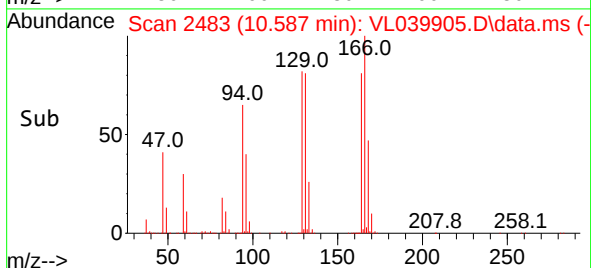
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

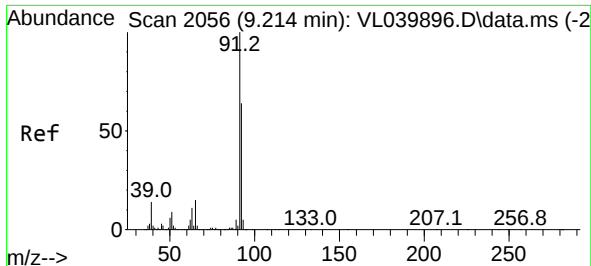


#52
Tetrachloroethene
Concen: 9.678 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion:164 Resp: 1132239
Ion Ratio Lower Upper
164 100
166 123.9 98.3 147.5
129 101.8 79.7 119.5
131 100.5 80.2 120.4





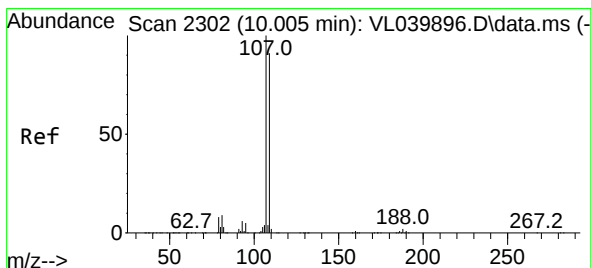
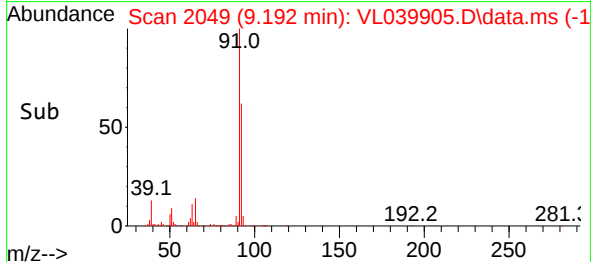
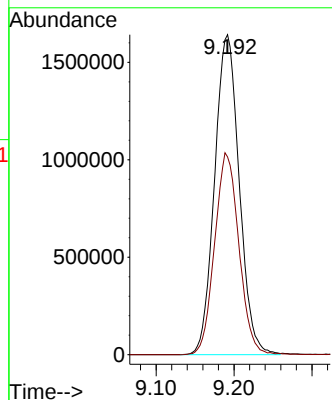
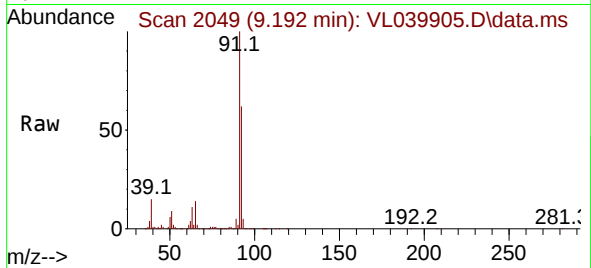
#53
Toluene
Concen: 10.141 ppbv
RT: 9.192 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 361275
Ion Ratio Lower Upper
91 100
92 62.2 49.8 74.6

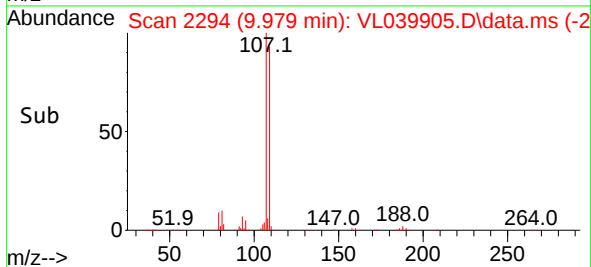
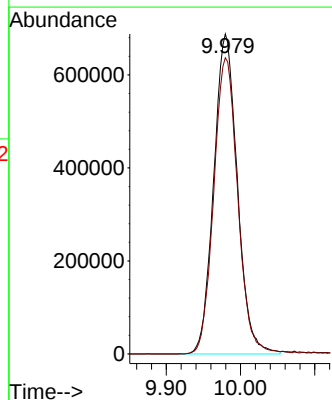
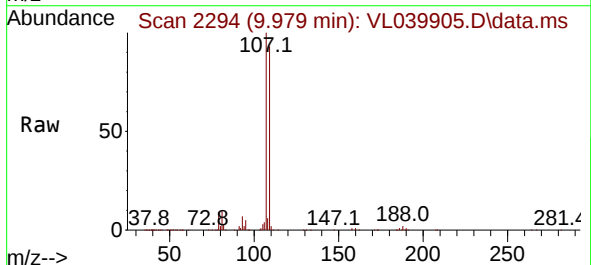
Manual Integrations
APPROVED

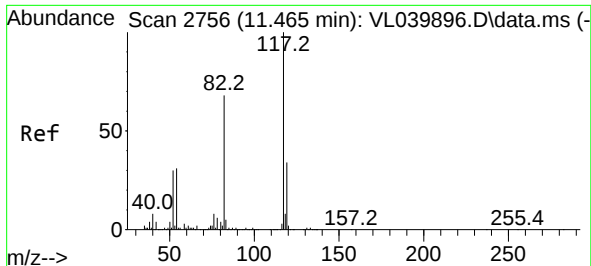
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#54
1,2-Dibromoethane
Concen: 11.389 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

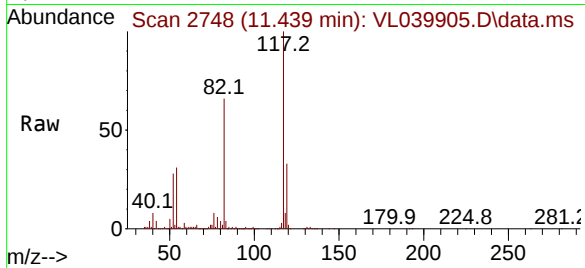
Tgt Ion:107 Resp: 1521884
Ion Ratio Lower Upper
107 100
109 92.4 72.8 109.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2756
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

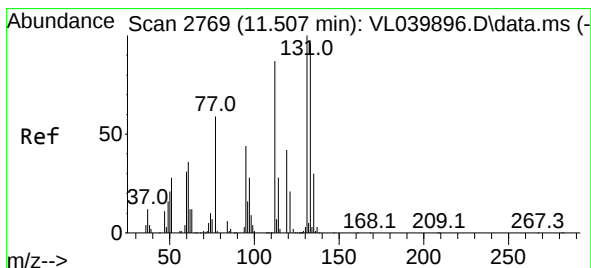
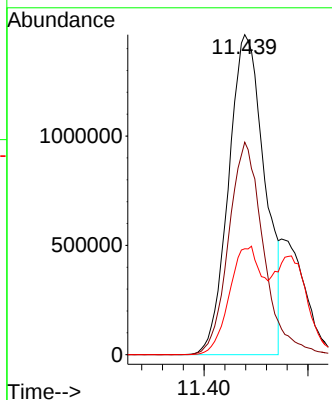
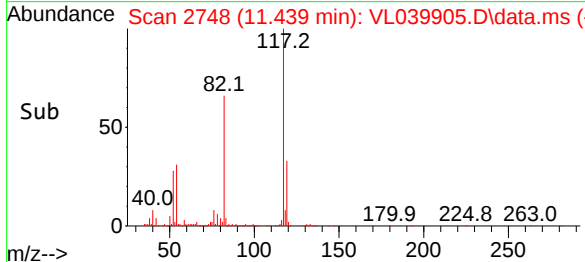
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



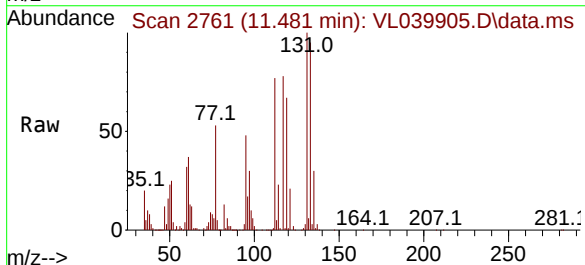
Tgt Ion:117 Resp: 352225
Ion Ratio Lower Upper
117 100
82 64.7 52.3 78.5
119 29.8 25.7 38.5

Manual Integrations
APPROVED

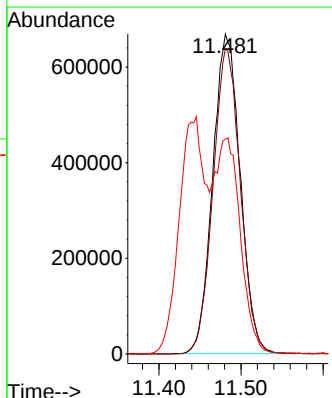
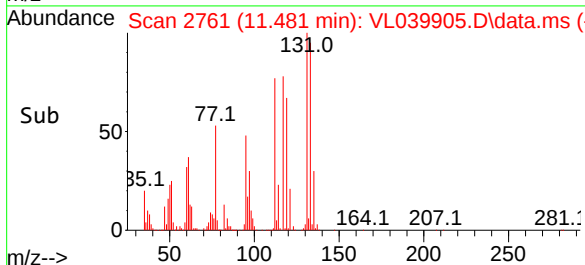
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

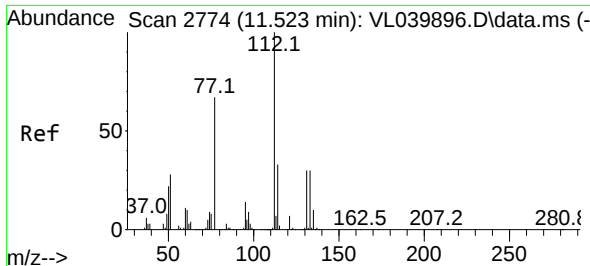


#56
1,1,1,2-Tetrachloroethane
Concen: 10.817 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



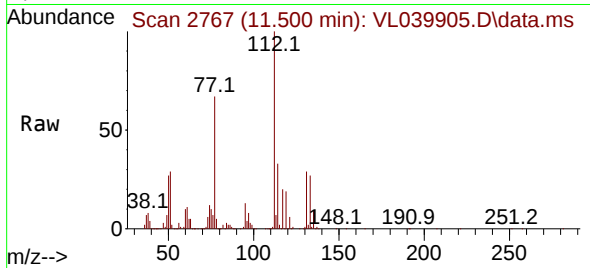
Tgt Ion:131 Resp: 1557423
Ion Ratio Lower Upper
131 100
133 95.4 76.7 115.1
119 60.0 46.6 69.8





#57
Chlorobenzene
Concen: 10.282 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

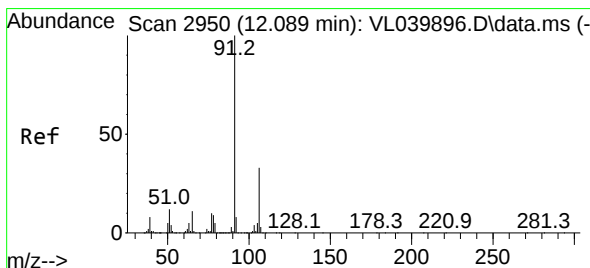
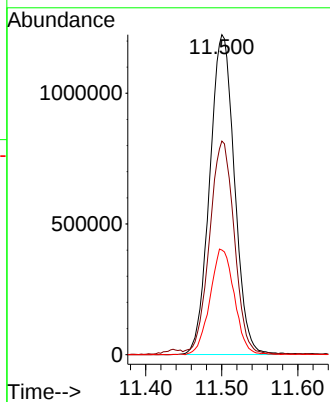
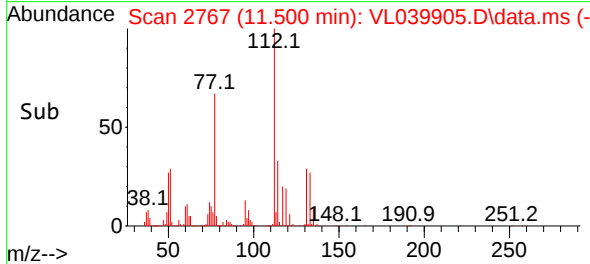
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 276907
Ion Ratio Lower Upper
112 100
77 66.4 54.6 81.8
114 32.6 30.1 36.7

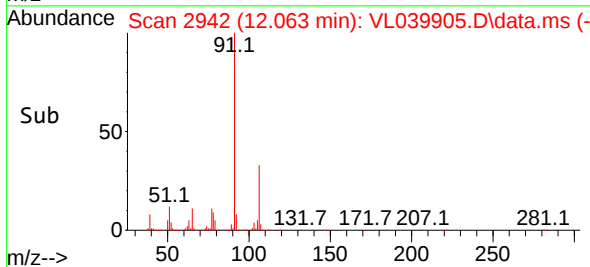
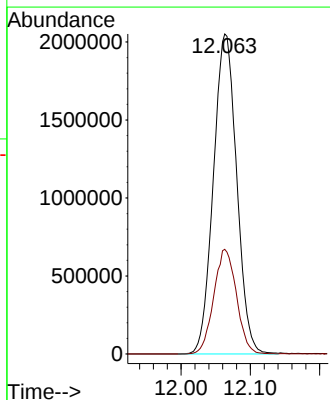
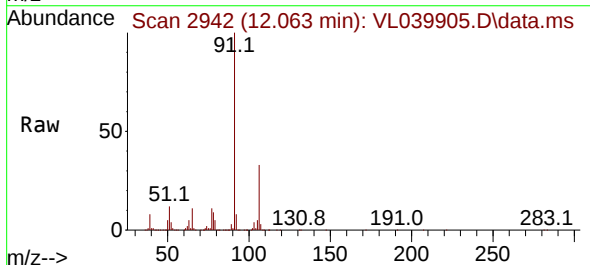
Manual Integrations
APPROVED

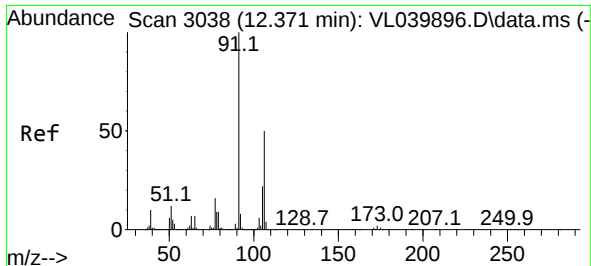
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#58
Ethyl Benzene
Concen: 10.029 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion: 91 Resp: 4792478
Ion Ratio Lower Upper
91 100
106 32.7 26.1 39.1





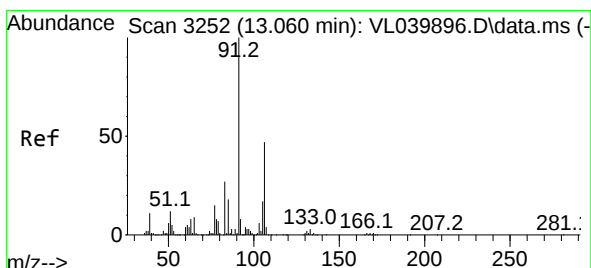
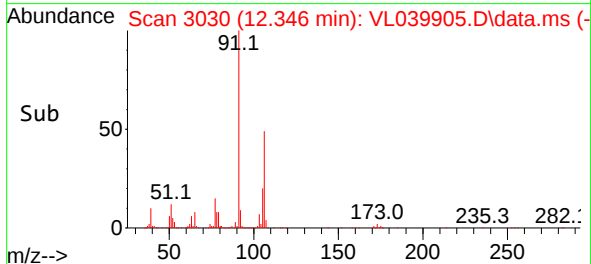
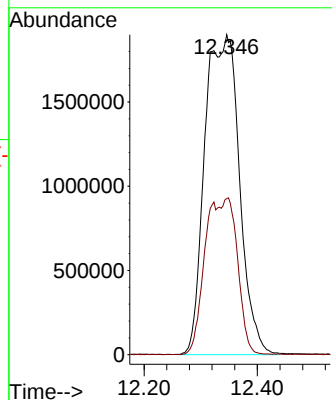
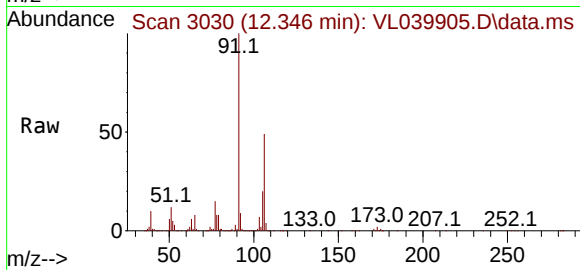
#59
m/p-Xylene
Concen: 20.124 ppbv m
RT: 12.346 min Scan# 3038
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 804829
Ion Ratio Lower Upper
91 100
106 45.9 37.0 55.6

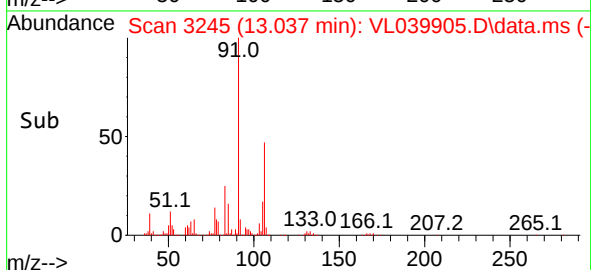
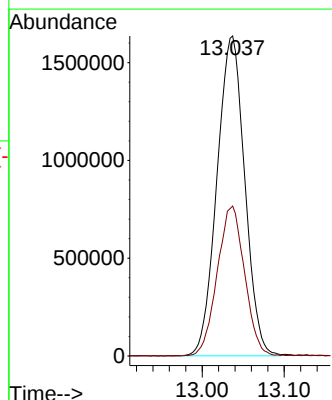
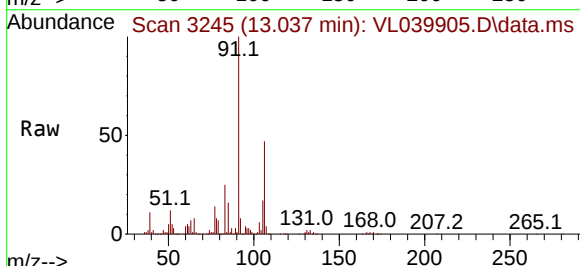
Manual Integrations
APPROVED

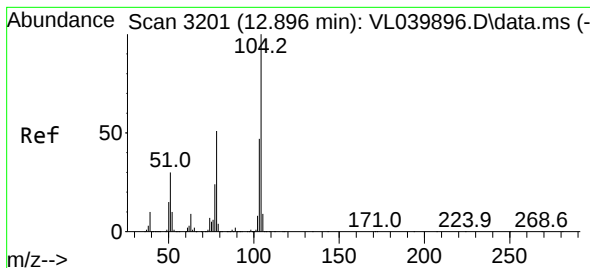
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#60
o-Xylene
Concen: 10.090 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Tgt Ion: 91 Resp: 3848459
Ion Ratio Lower Upper
91 100
106 46.5 23.2 69.6





#61

Styrene

Concen: 10.640 ppbv

RT: 12.876 min Scan# 3195

Delta R.T. -0.019 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 2422389

Ion Ratio Lower Upper

104 100

78 52.5 41.8 62.8

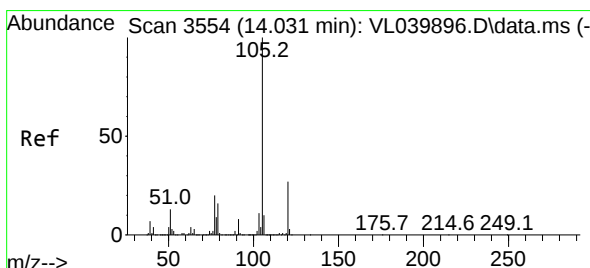
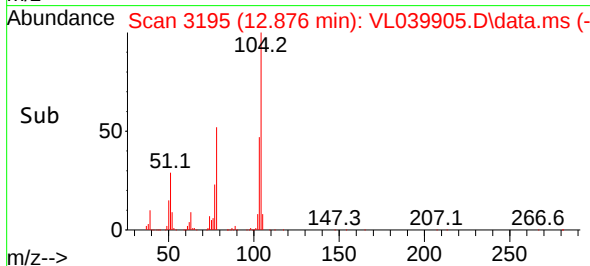
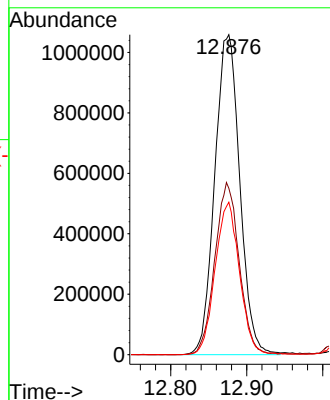
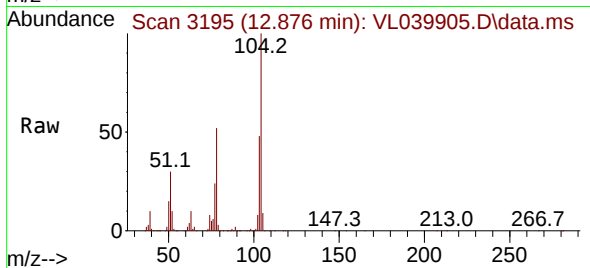
103 46.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#62

Isopropylbenzene

Concen: 9.977 ppbv

RT: 14.008 min Scan# 3547

Delta R.T. -0.022 min

Lab File: VL039905.D

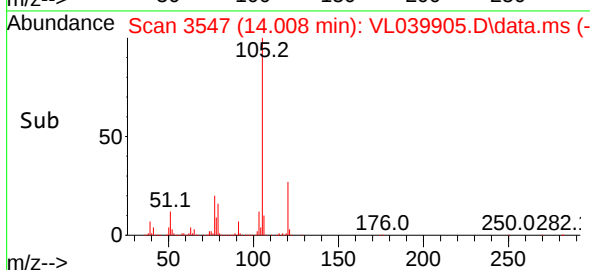
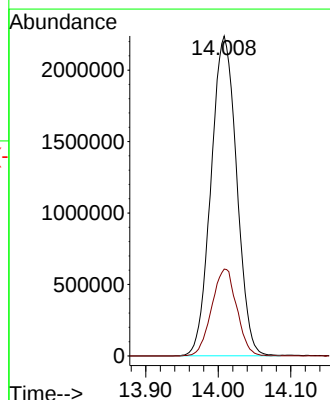
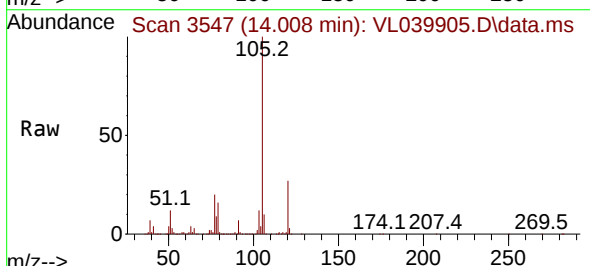
Acq: 21 Nov 2022 10:39

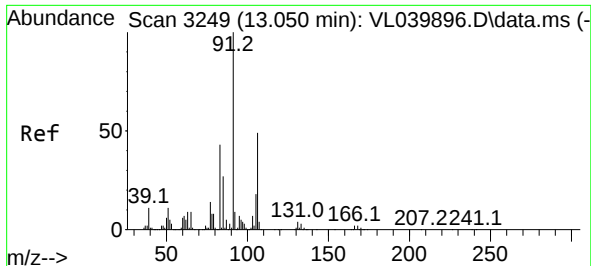
Tgt Ion:105 Resp: 5487210

Ion Ratio Lower Upper

105 100

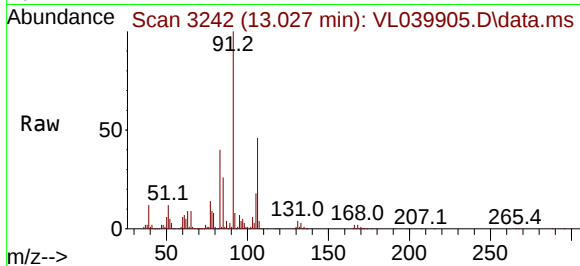
120 26.7 21.4 32.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.302 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

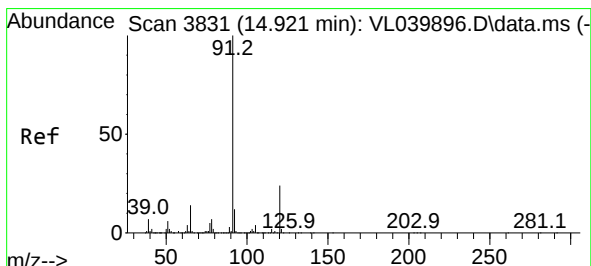
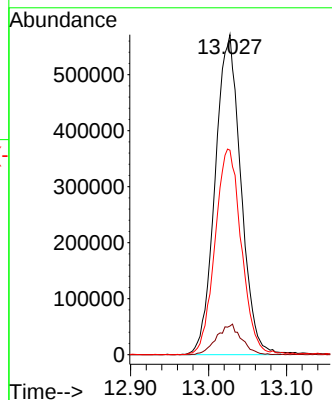
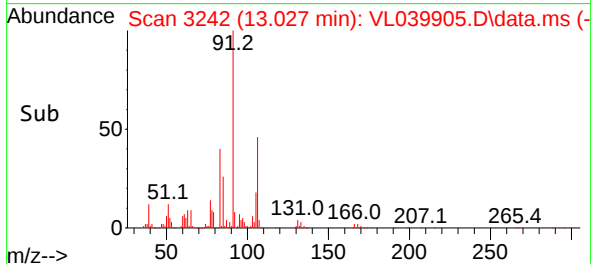
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



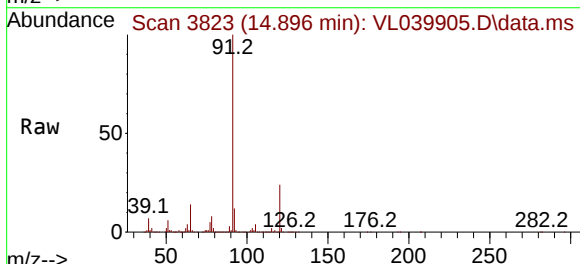
Tgt Ion: 83 Resp: 1312069
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.2 33.0 99.0

Manual Integrations
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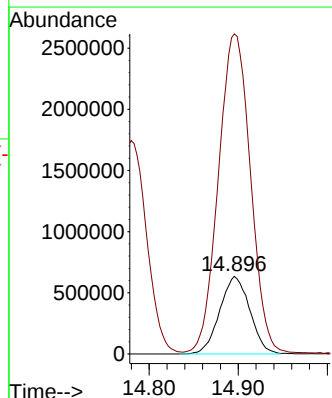
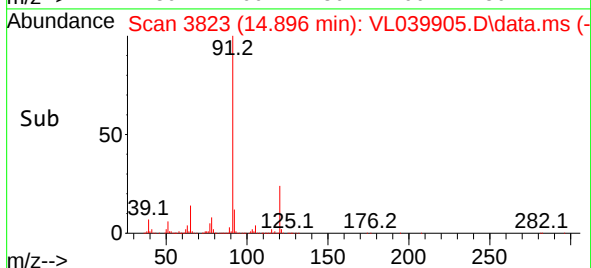
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

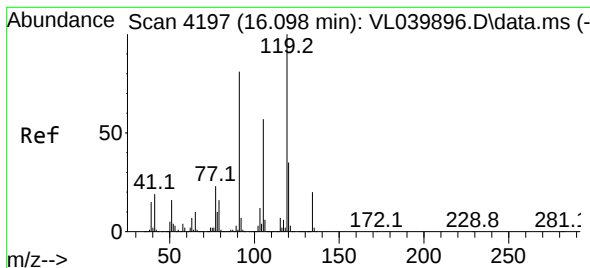


#64
n-propylbenzene
Concen: 10.324 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



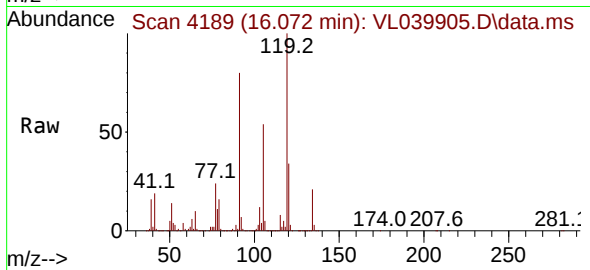
Tgt Ion:120 Resp: 1485424
Ion Ratio Lower Upper
120 100
91 443.4 353.7 530.5





#65
tert-Butylbenzene
Concen: 9.934 ppbv
RT: 16.072 min Scan# 4197
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

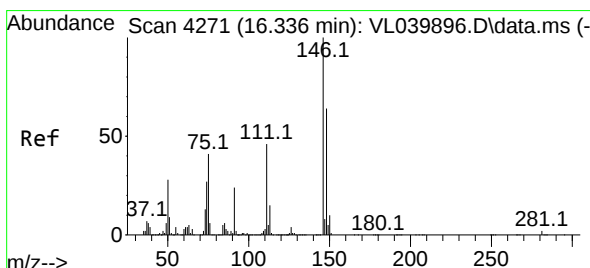
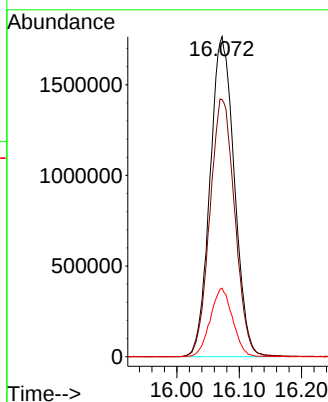
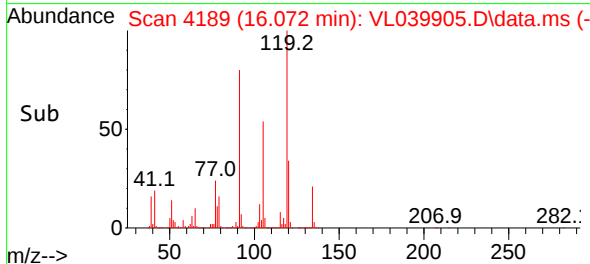
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



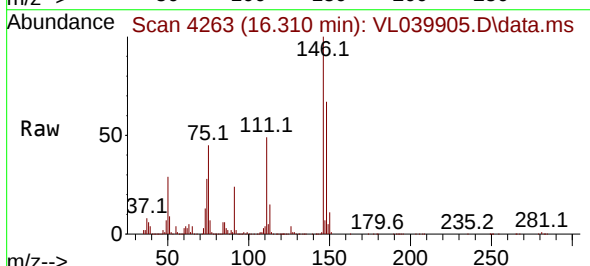
Tgt Ion: 119 Resp: 4779850
Ion Ratio Lower Upper
119 100
91 82.5 65.8 98.8
134 19.7 16.1 24.1

Manual Integrations
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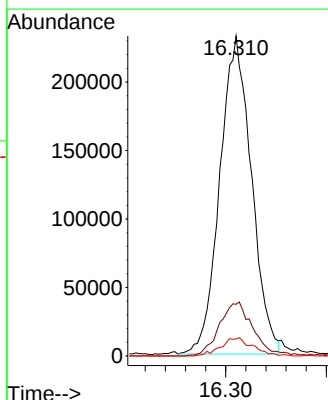
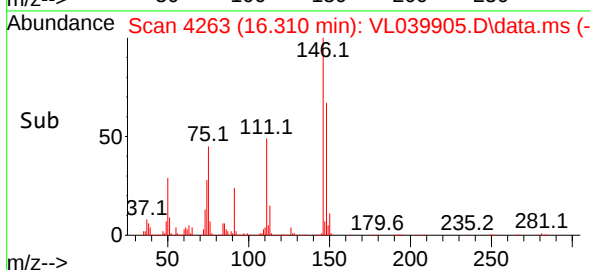
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

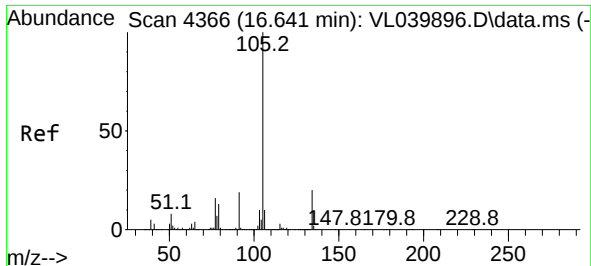


#66
Benzyl Chloride
Concen: 12.265 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion: 91 Resp: 505720
Ion Ratio Lower Upper
91 100
126 18.5 15.0 22.6
128 5.8 4.6 7.0





#67

sec-Butylbenzene

Concen: 9.988 ppbv

RT: 16.619 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 660741

Ion Ratio Lower Upper

105 100

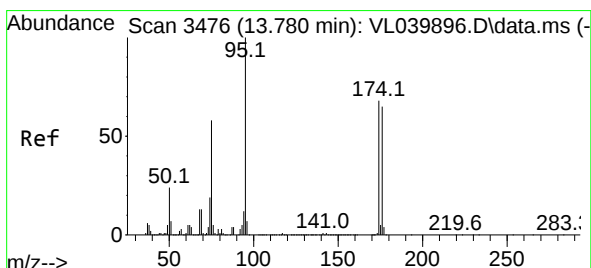
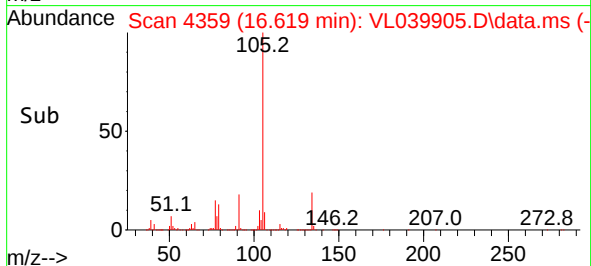
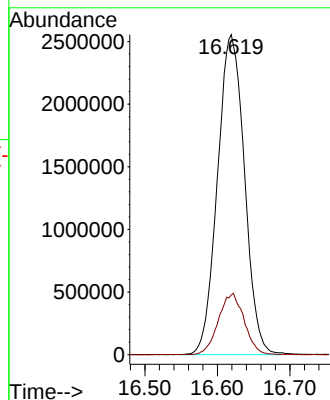
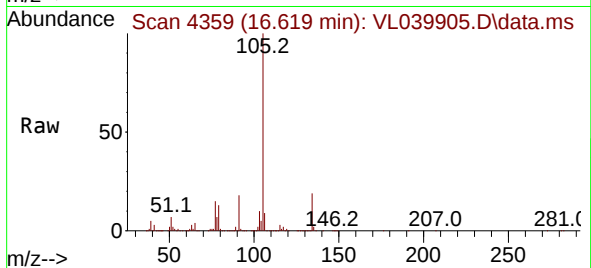
134 18.4 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.922 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. -0.026 min

Lab File: VL039905.D

Acq: 21 Nov 2022 10:39

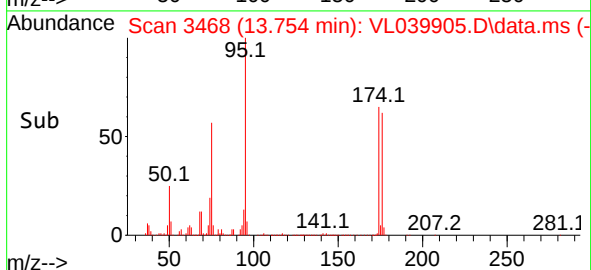
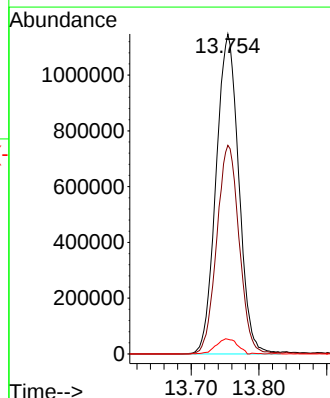
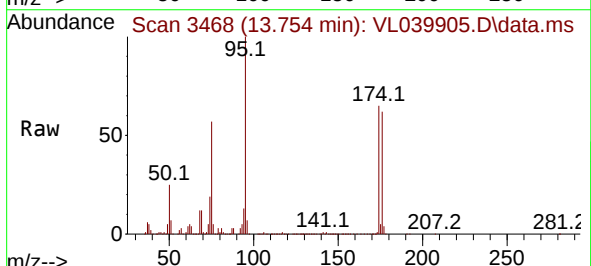
Tgt Ion: 95 Resp: 2669264

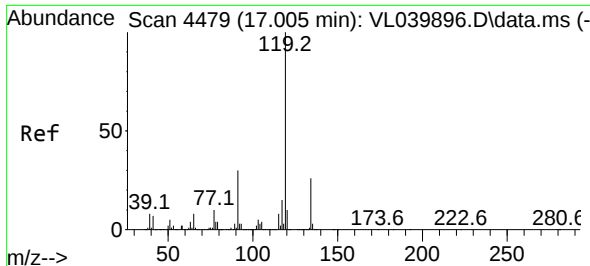
Ion Ratio Lower Upper

95 100

174 64.9 53.7 80.5

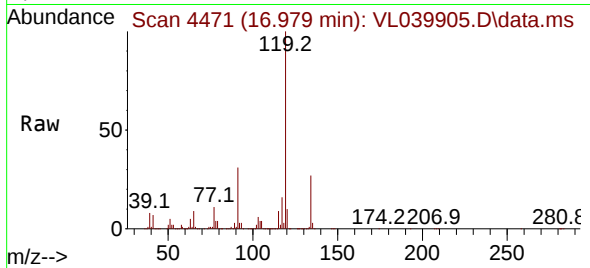
175 4.6 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.974 ppbv
RT: 16.979 min Scan# 4479
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

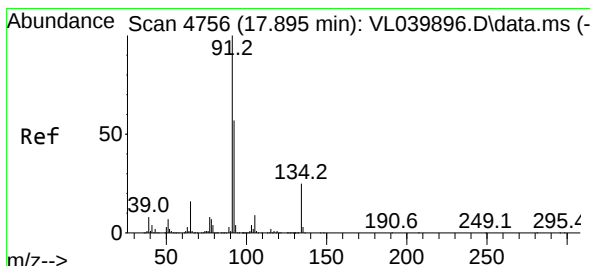
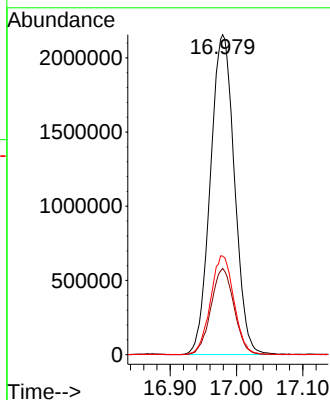
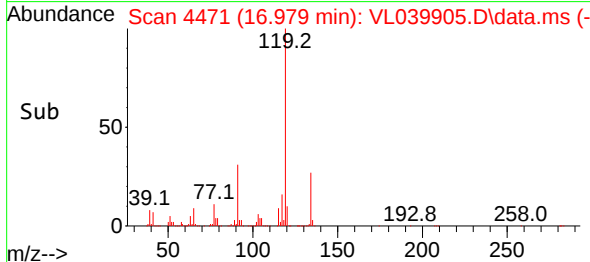
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



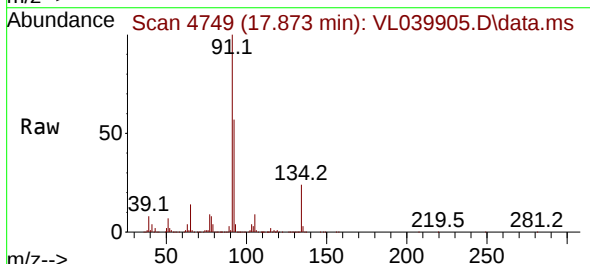
Tgt Ion: 119 Resp: 5435469
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.4
91 30.1 24.4 36.6

Manual Integrations
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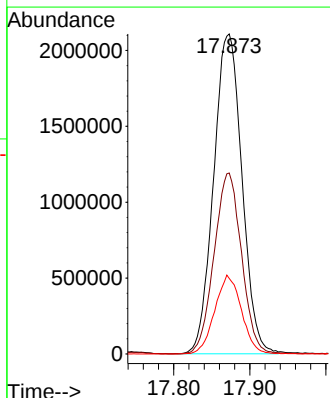
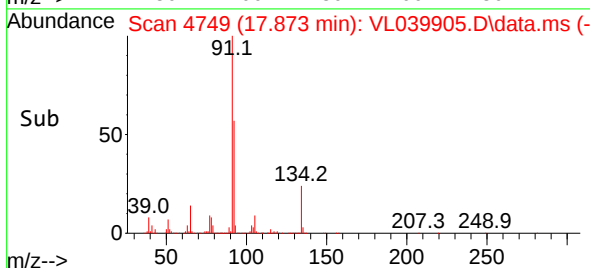
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

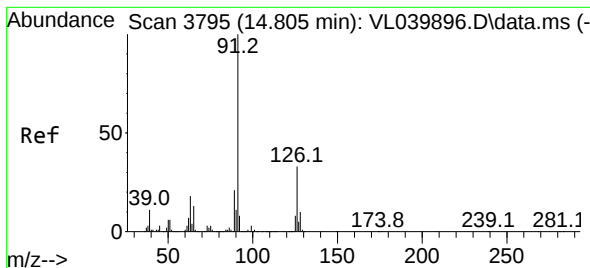


#70
n-Butylbenzene
Concen: 10.105 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



Tgt Ion: 91 Resp: 5459689
Ion Ratio Lower Upper
91 100
92 54.8 44.2 66.2
134 23.2 18.8 28.2





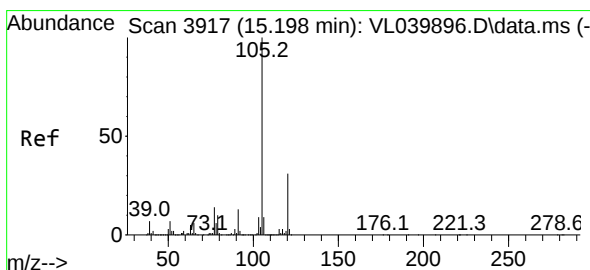
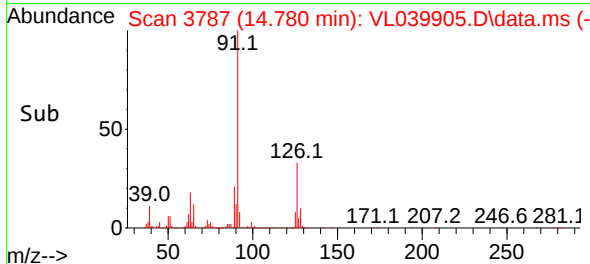
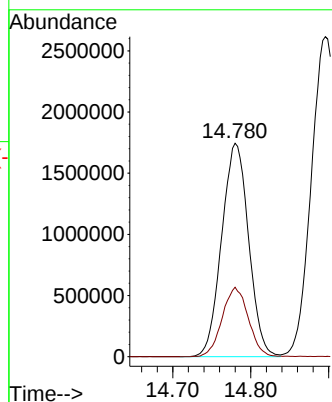
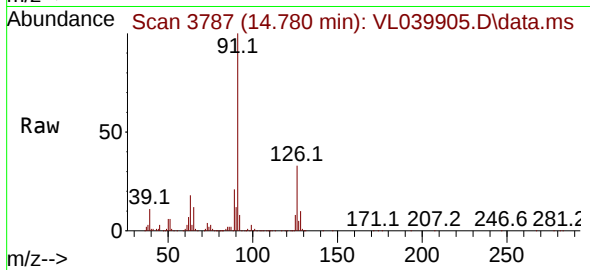
#71
2-Chlorotoluene
Concen: 10.050 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 4189608
Ion Ratio Lower Upper
91 100
126 31.6 12.8 51.0

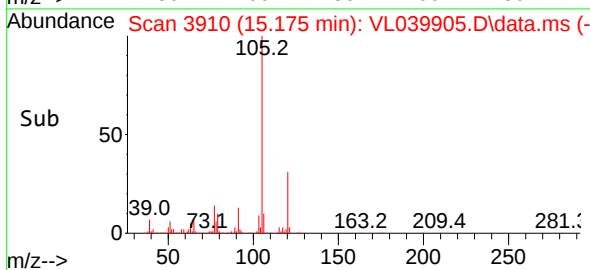
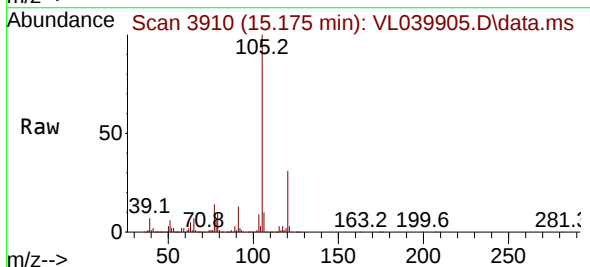
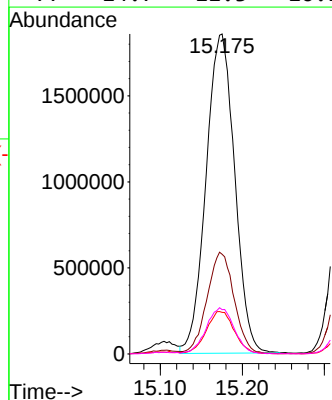
Manual Integrations
APPROVED

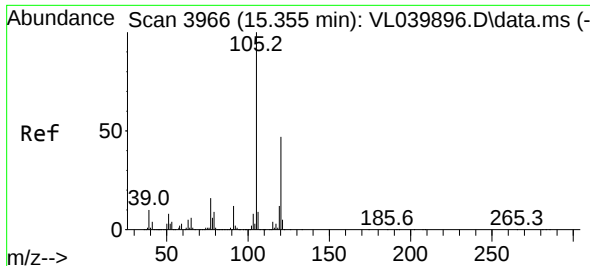
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#72
4-Ethyltoluene
Concen: 10.507 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

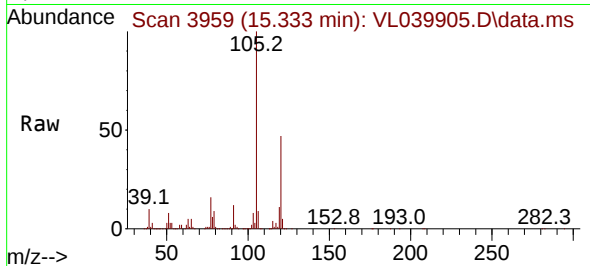
Tgt Ion:105 Resp: 4504547
Ion Ratio Lower Upper
105 100
120 31.4 24.5 36.7
91 13.0 10.4 15.6
77 14.7 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 10.186 ppbv
RT: 15.333 min Scan# 3966
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

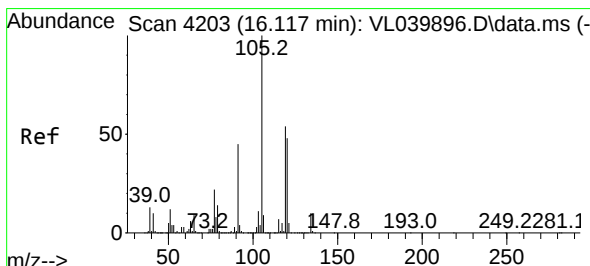
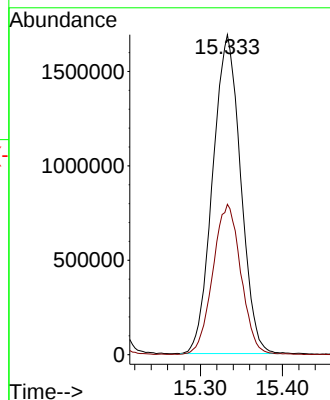
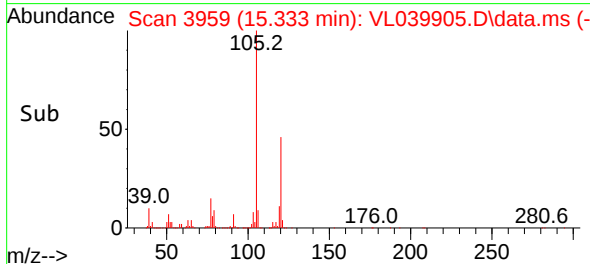
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



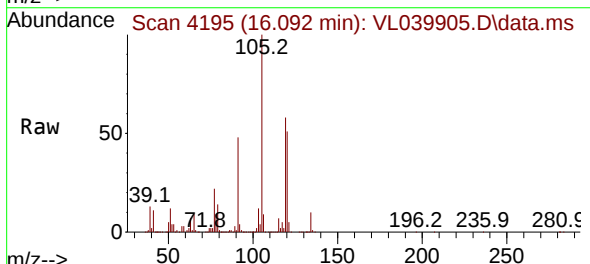
Tgt Ion:105 Resp: 3997618
Ion Ratio Lower Upper
105 100
120 47.0 37.9 56.9

Manual Integrations
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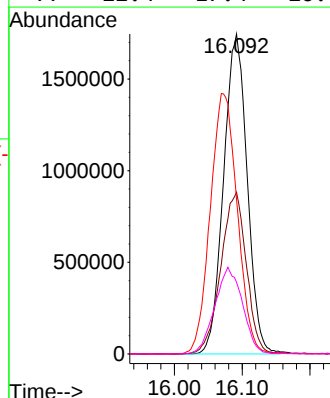
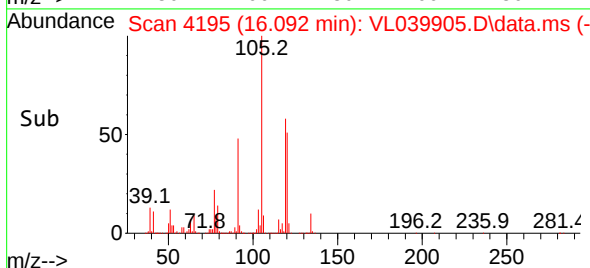
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

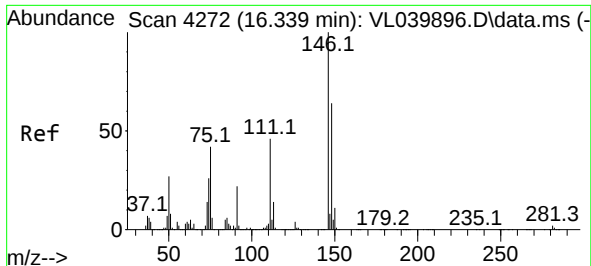


#74
1,2,4-Trimethylbenzene
Concen: 10.137 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



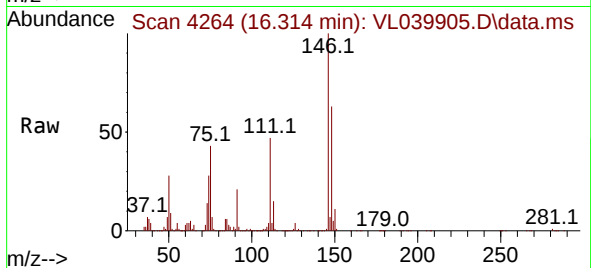
Tgt Ion:105 Resp: 4212026
Ion Ratio Lower Upper
105 100
120 50.6 38.7 58.1
91 48.3 36.4 54.6
77 22.4 17.4 26.0





#75
1,3-Dichlorobenzene
Concen: 10.379 ppbv
RT: 16.314 min Scan# 4309
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

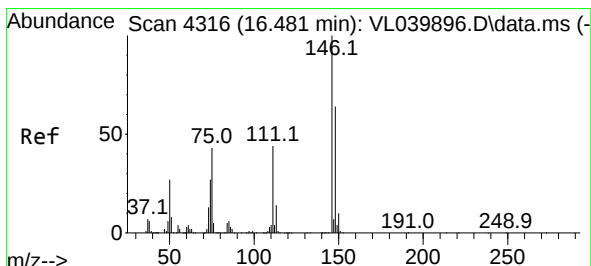
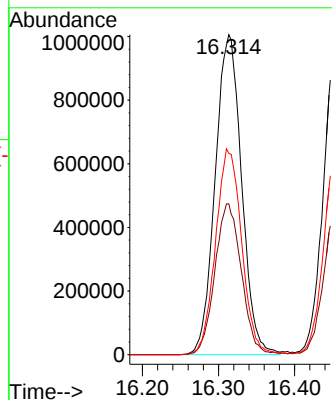
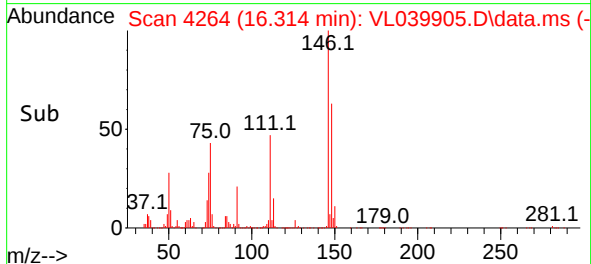
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



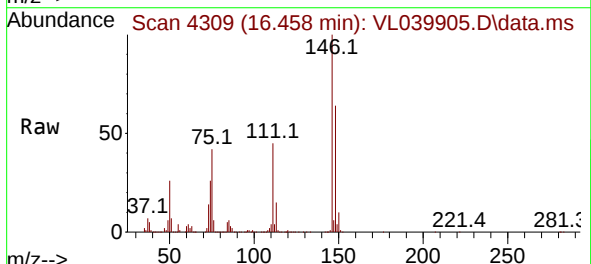
Tgt Ion:146 Resp: 242640
Ion Ratio Lower Upper
146 100
111 47.3 23.3 69.9
148 63.6 32.2 96.6

Manual Integrations
APPROVED

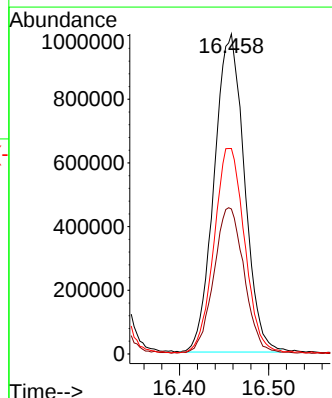
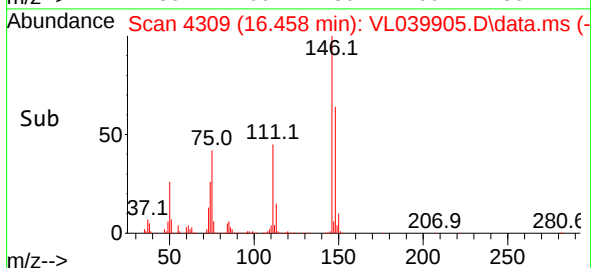
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

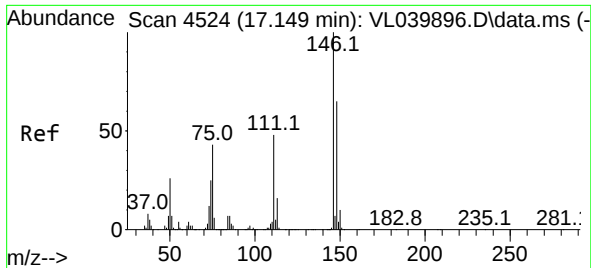


#76
1,4-Dichlorobenzene
Concen: 10.150 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



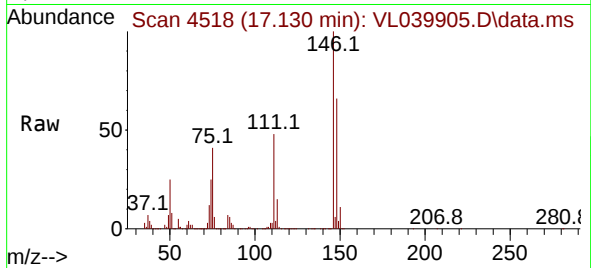
Tgt Ion:146 Resp: 2352167
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.3
148 66.3 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 10.144 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.019 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

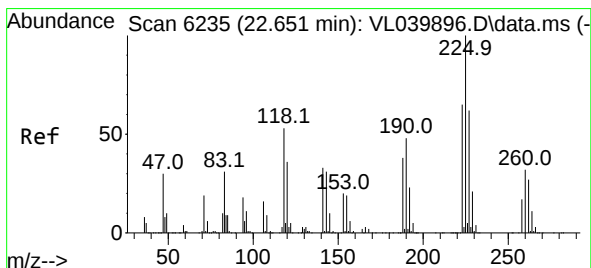
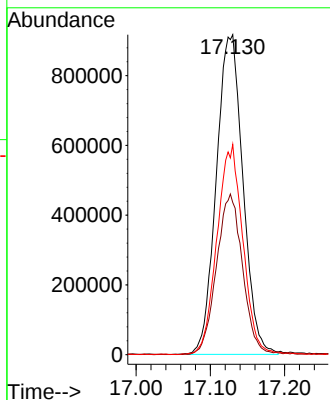
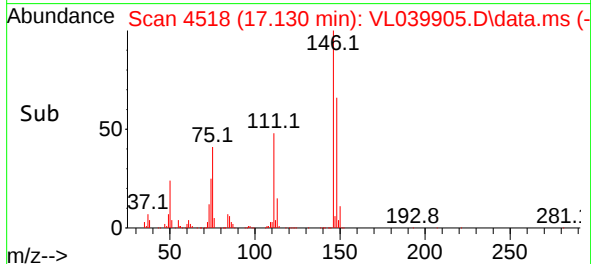
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



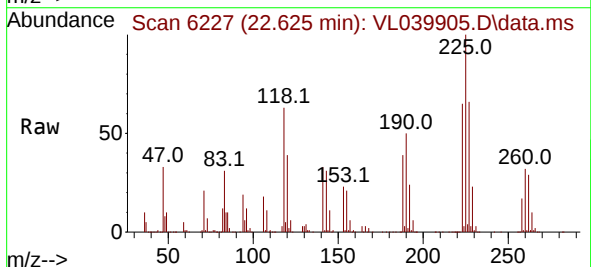
Tgt Ion:146 Resp: 2286279
Ion Ratio Lower Upper
146 100
111 49.3 24.1 72.3
148 63.8 32.4 97.2

Manual Integrations
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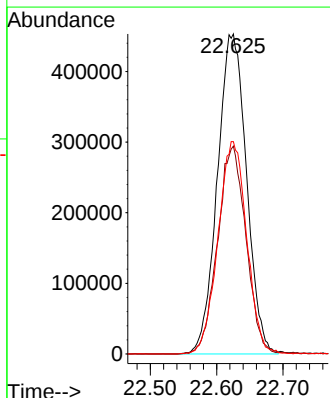
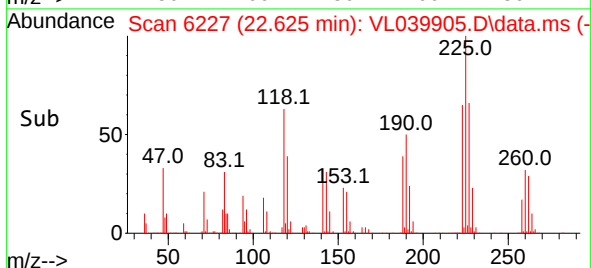
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

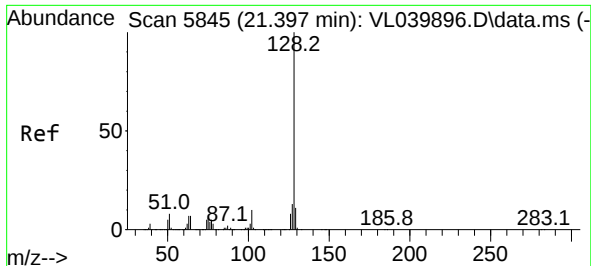


#78
Hexachloro-1,3-Butadiene
Concen: 8.838 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



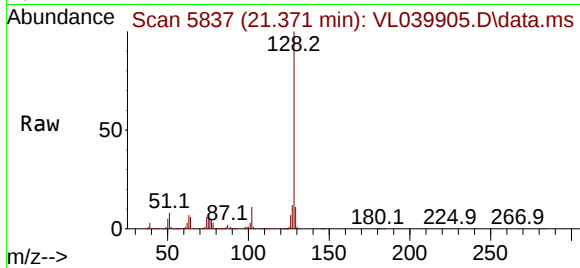
Tgt Ion:225 Resp: 1382032
Ion Ratio Lower Upper
225 100
223 63.6 50.7 76.1
227 65.6 50.8 76.2





#79
Naphthalene
Concen: 11.121 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.026 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

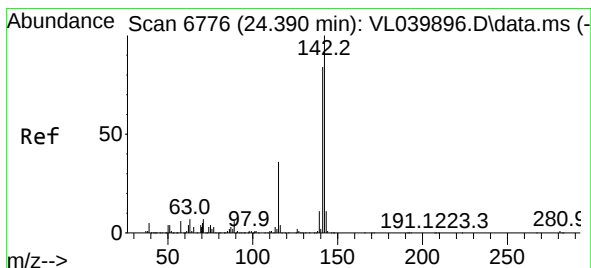
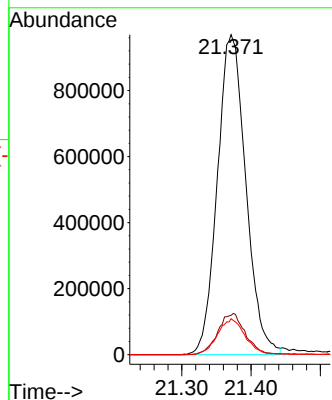
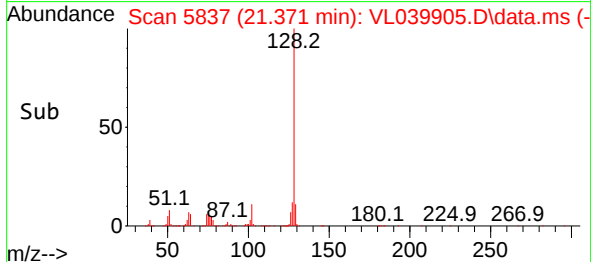
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



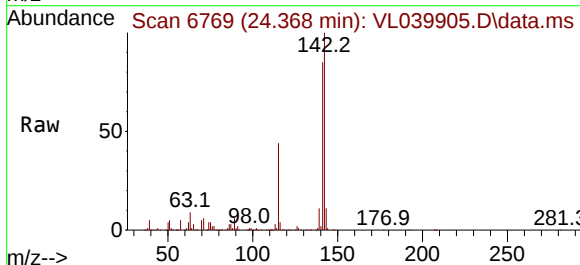
Tgt Ion:128 Resp: 2765512
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.3 8.8 13.2

Manual Integrations
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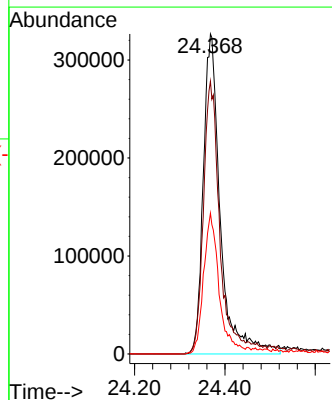
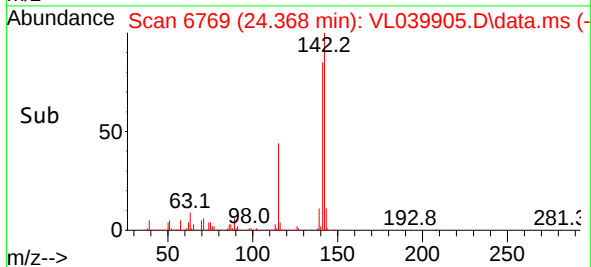
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

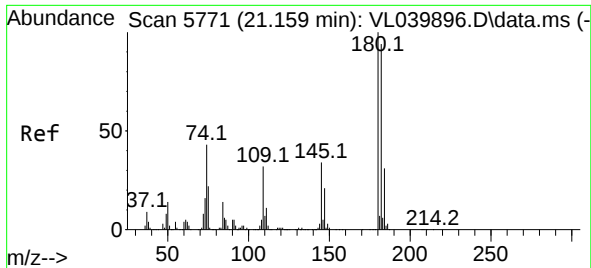


#80
Naphthalene,2-methyl-
Concen: 12.252 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.022 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39



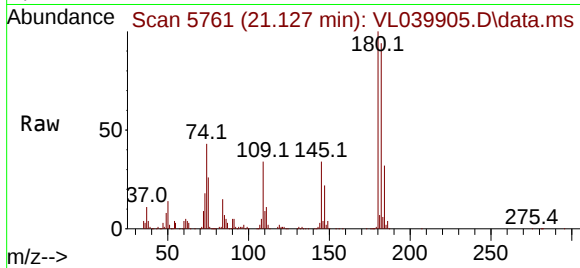
Tgt Ion:142 Resp: 856879
Ion Ratio Lower Upper
142 100
141 83.0 69.1 103.7
115 42.9 29.6 44.4





#81
1,2,4-Trichlorobenzene
Concen: 10.001 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.032 min
Lab File: VL039905.D
Acq: 21 Nov 2022 10:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1535759
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
184 30.7 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

