

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039537.D
 Acq On : 17 Aug 2022 4:18
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 04:50:34 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	5.201	49	1133745	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2993315	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2893489	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.776 95 2133696 9.931 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	277686	1.737	ppbv	100
3) Chlorodifluoromethane	2.696	51	289371	2.031	ppbv	99
4) Chloromethane	2.834	50	177438	2.239	ppbv	96
5) Vinyl Chloride	2.941	62	138735	1.797	ppbv	99
6) Bromomethane	3.140	94	58832	1.857	ppbv	92
7) Chloroethane	3.220	64	51465m	1.888	ppbv	
8) Dichlorotetrafluoroethane	2.876	85	346106	1.966	ppbv	96
9) Propene	2.716	41	136387	2.114	ppbv	100
10) Heptane	7.590	43	311558	2.070	ppbv	100
11) Trichlorofluoromethane	3.580	101	352740	1.968	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.085	101	273559	2.060	ppbv	96
13) Ethanol	3.272	45	10880m	2.898	ppbv	
14) Bromoethene	3.388	108	104200m	1.858	ppbv	
15) Acetone	3.490	43	270877	2.051	ppbv	96
16) 1,3-Butadiene	3.005	39	142694	2.071	ppbv	99
17) tert-Butyl alcohol	3.899	59	224060	2.019	ppbv	100
18) 1,1-Dichloroethene	3.899	96	113869	1.892	ppbv	98
19) Isopropyl Alcohol	3.596	45	124306m	1.778	ppbv	
20) Methylene Chloride	3.950	84	114363	2.175	ppbv	93
21) Allyl Chloride	4.014	41	170570	1.863	ppbv	94
22) trans-1,2-Dichloroethene	4.461	96	110208	1.902	ppbv	98
23) Vinyl Acetate	4.641	43	126779m	1.508	ppbv	
24) 1,1-Dichloroethane	4.580	63	236791	1.899	ppbv	99
25) Ethyl Acetate	5.220	43	578207	2.120	ppbv	99
26) Hexane	5.223	57	243273	2.236	ppbv	98
27) Carbon Disulfide	4.140	76	243479	1.856	ppbv	96
28) Methyl tert-Butyl Ether	4.606	73	205475m	1.787	ppbv	
29) Chloroform	5.285	83	371451	1.966	ppbv	98
30) Cyclohexane	6.609	84	196108	1.978	ppbv #	100
31) cis-1,2-Dichloroethene	5.092	61	216730	1.876	ppbv	95
32) 1,1,1-Trichloroethane	6.014	97	340777	1.826	ppbv	99
34) 2-Butanone	4.805	43	312880	2.103	ppbv	95
35) Carbon Tetrachloride	6.500	117	350972	1.925	ppbv	100
36) Benzene	6.381	78	491581	2.132	ppbv	97
37) 1,2-Dichloroethane	5.815	62	265673	1.972	ppbv	100
38) Trichloroethene	7.297	130	267787	2.130	ppbv	94
39) 1,2-Dichloropropane	7.079	63	190515	2.214	ppbv	91
40) 1,4-Dioxane	7.307	88	60337	1.772	ppbv #	1
41) Tetrahydrofuran	5.580	42	188080	2.162	ppbv	97
42) Bromodichloromethane	7.255	83	366849	2.017	ppbv	98
43) Methyl Methacrylate	7.487	69	174899	2.006	ppbv	96
44) 2,2,4-Trimethylpentane	7.336	57	857217	2.196	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	143979m	1.893	ppbv	

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Manual Integrations
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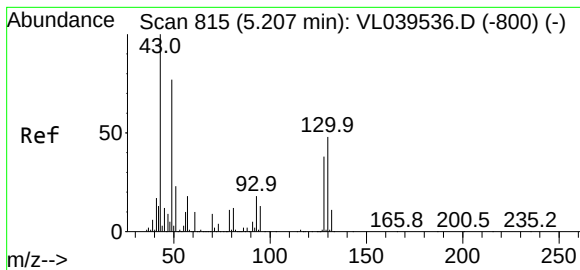
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 04:35:27 2022

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

Response via : Initial Calibration

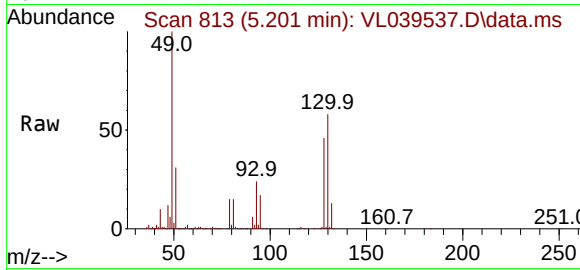
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.146	75	200754	1.890	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	205917m	2.134	ppbv	
48) Dibromochloromethane	9.712	129	307196	2.017	ppbv	97
49) Bromoform	12.410	173	257855	2.095	ppbv #	100
50) 4-Methyl-2-Pentanone	8.194	43	512068	2.248	ppbv	99
51) 2-Hexanone	9.567	43	378065m	2.201	ppbv	
52) Tetrachloroethene	10.619	164	189594	2.050	ppbv	91
53) Toluene	9.226	91	568316	2.146	ppbv	99
54) 1,2-Dibromoethane	10.011	107	238123	2.012	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.509	131	257363	2.055	ppbv #	1
57) Chlorobenzene	11.529	112	460325	2.088	ppbv	98
58) Ethyl Benzene	12.091	91	747274	2.044	ppbv	98
59) m/p-Xylene	12.377	91	1329431m	4.131	ppbv	
60) o-Xylene	13.059	91	644433	2.110	ppbv	98
61) Styrene	12.905	104	341993m	2.070	ppbv	
62) Isopropylbenzene	14.033	105	966202	2.080	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.046	83	286864	1.803	ppbv	97
64) n-propylbenzene	14.914	120	254001m	2.164	ppbv	
65) tert-Butylbenzene	16.091	119	899578	2.105	ppbv	99
66) Benzyl Chloride	16.326	91	62471m	1.613	ppbv	
67) sec-Butylbenzene	16.638	105	1247176	2.160	ppbv	100
69) p-Isopropyltoluene	16.998	119	1052141	2.156	ppbv	99
70) n-Butylbenzene	17.889	91	1032380	2.174	ppbv	100
71) 2-Chlorotoluene	14.802	91	709943	2.132	ppbv	98
72) 4-Ethyltoluene	15.197	105	748336	2.079	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.355	105	677631	2.059	ppbv	98
74) 1,2,4-Trimethylbenzene	16.107	105	769758	2.121	ppbv	99
75) 1,3-Dichlorobenzene	16.332	146	466681	2.156	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	442577	2.039	ppbv	94
77) 1,2-Dichlorobenzene	17.146	146	449620	2.100	ppbv	98
78) Hexachloro-1,3-Butadiene	22.634	225	367033m	2.116	ppbv	
79) Naphthalene	21.384	128	622696	2.472	ppbv	97
80) Naphthalene,2-methyl-	24.377	142	221190	2.456	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.142	180	373336	2.284	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

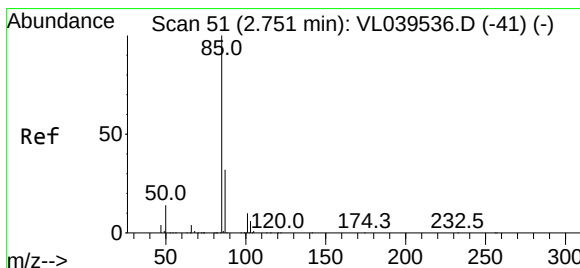
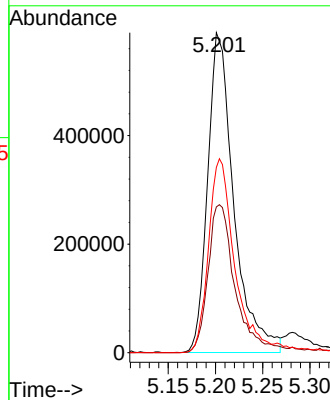
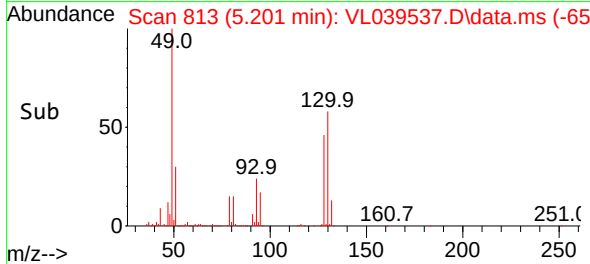
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 113374
Ion Ratio Lower Upper
49 100
128 50.1 25.7 77.0
130 63.2 31.6 95.0

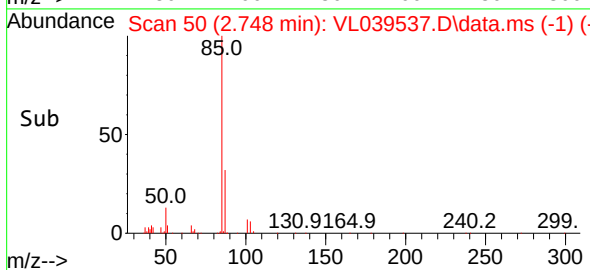
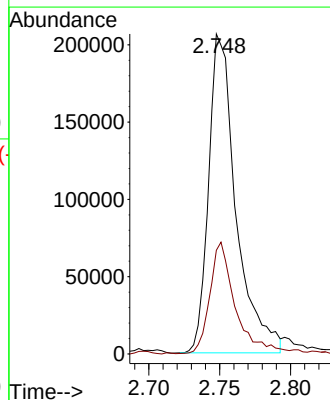
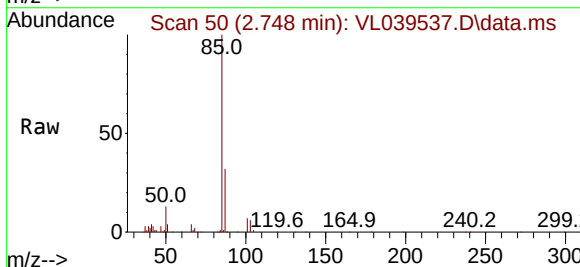
Manual Integrations
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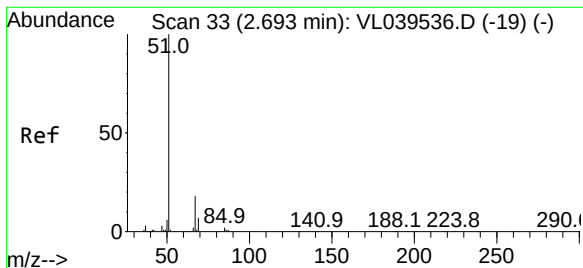
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 1.737 ppbv
RT: 2.748 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

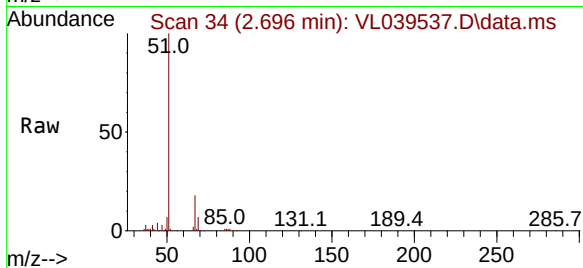
Tgt Ion: 85 Resp: 277686
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9





#3
Chlorodifluoromethane
Concen: 2.031 ppbv
RT: 2.696 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

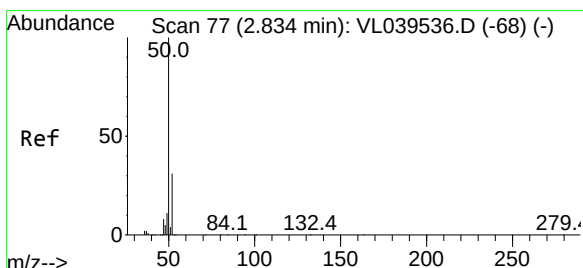
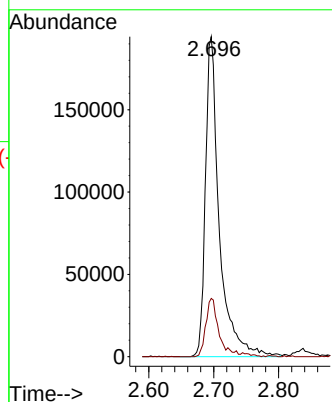
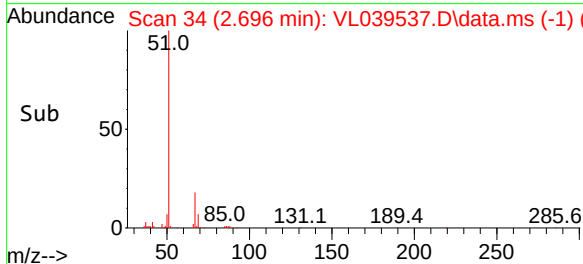
Instrument :
MSVOA_L
ClientSampleId :
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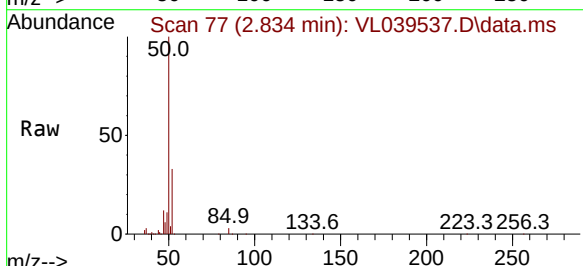
Tgt Ion: 51 Resp: 28937
Ion Ratio Lower Upper
51 100
67 18.1 14.7 22.1

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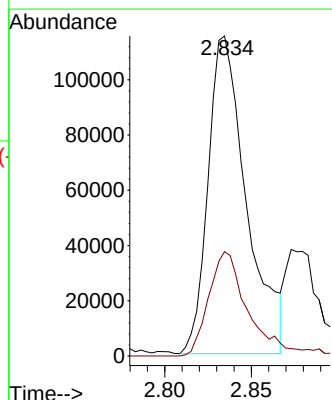
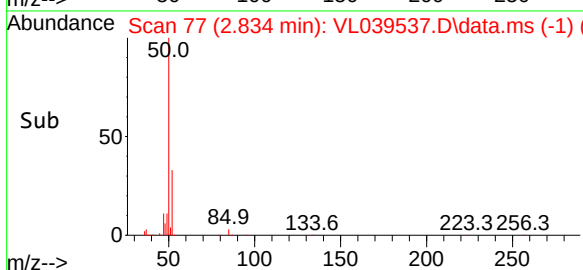
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Supervised By :Mahesh Dadoda 08/19/2022

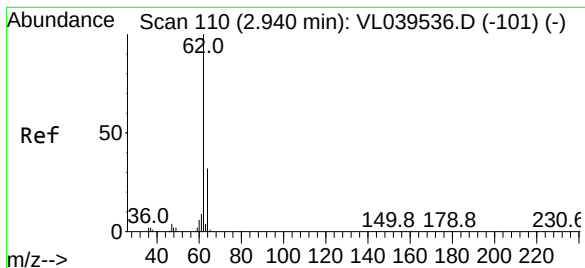


#4
Chloromethane
Concen: 2.239 ppbv
RT: 2.834 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



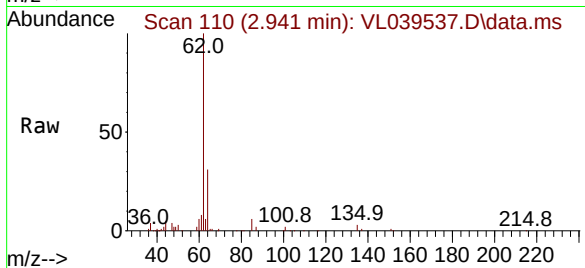
Tgt Ion: 50 Resp: 177438
Ion Ratio Lower Upper
50 100
52 32.8 24.3 36.5





#5
 Vinyl Chloride
 Concen: 1.797 ppbv
 RT: 2.941 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

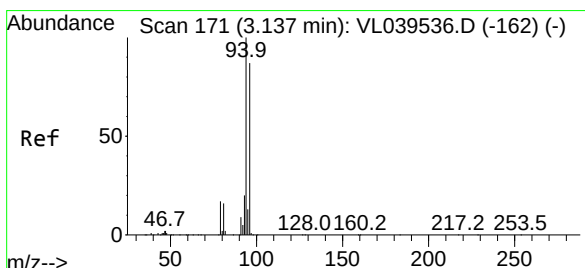
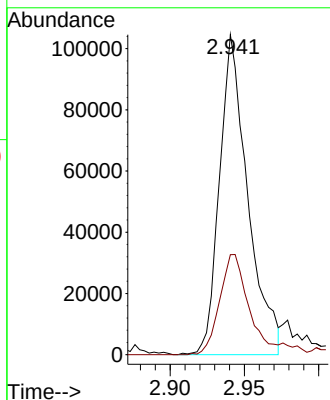
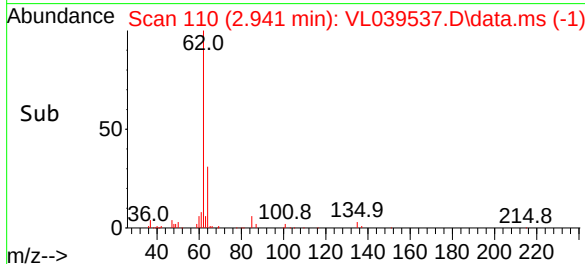
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 138735
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.5 38.3

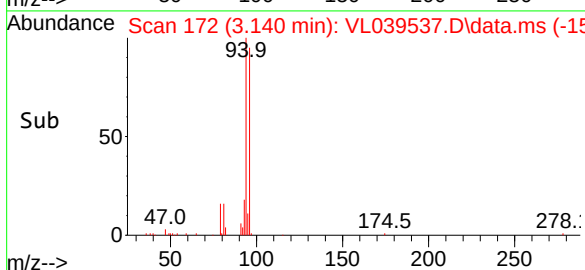
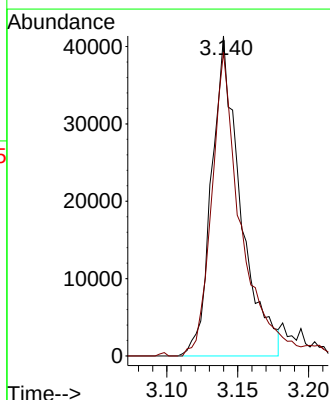
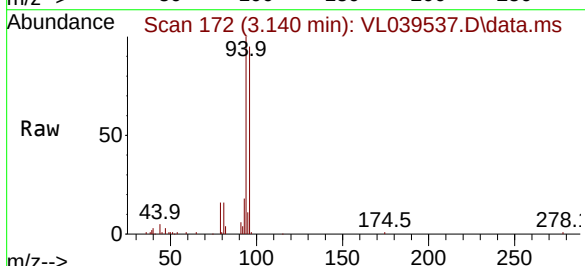
Manual Integrations
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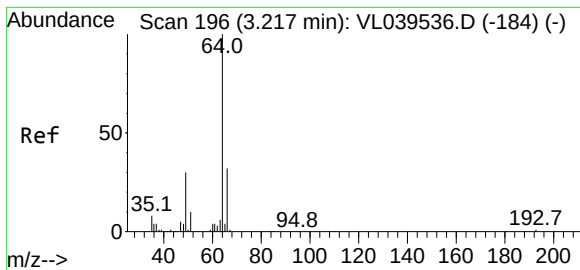
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#6
 Bromomethane
 Concen: 1.857 ppbv
 RT: 3.140 min Scan# 172
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

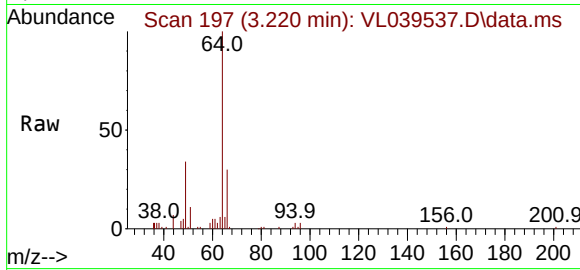
Tgt Ion: 94 Resp: 58832
 Ion Ratio Lower Upper
 94 100
 96 95.0 69.8 104.6





#7
Chloroethane
Concen: 1.888 ppbv m
RT: 3.220 min Scan# 196
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

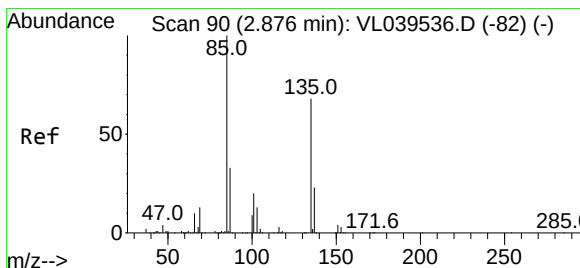
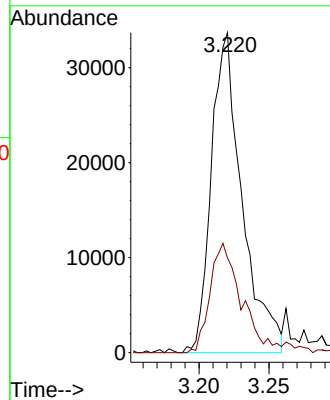
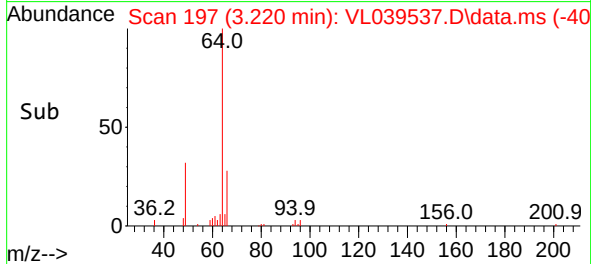
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



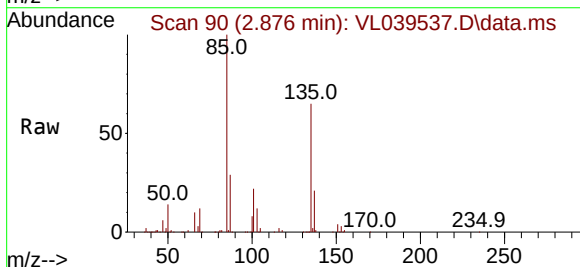
Tgt Ion: 64 Resp: 5146
Ion Ratio Lower Upper
64 100
66 29.7 25.6 38.4

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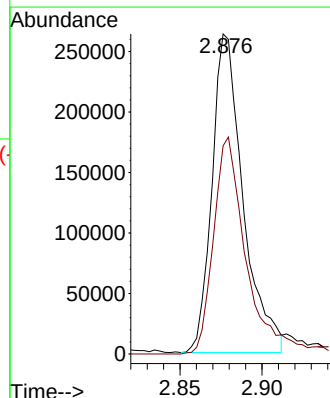
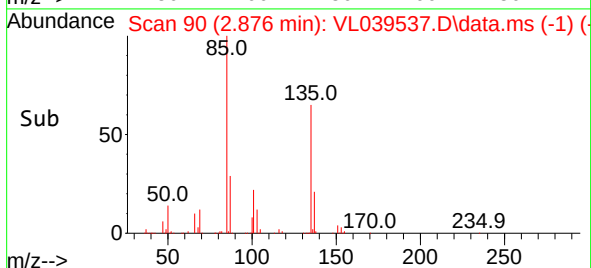
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Supervised By :Mahesh Dadoda 08/19/2022

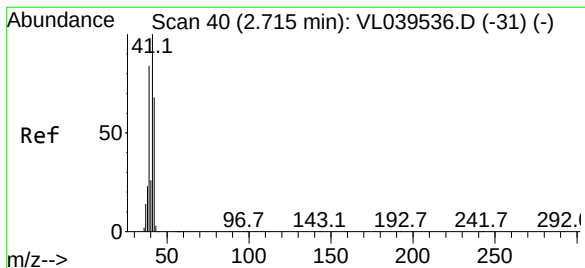


#8
Dichlorotetrafluoroethane
Concen: 1.966 ppbv
RT: 2.876 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



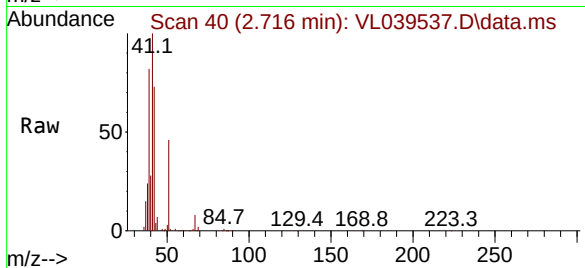
Tgt Ion: 85 Resp: 346106
Ion Ratio Lower Upper
85 100
135 73.5 56.3 84.5





#9
 Propene
 Concen: 2.114 ppbv
 RT: 2.716 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

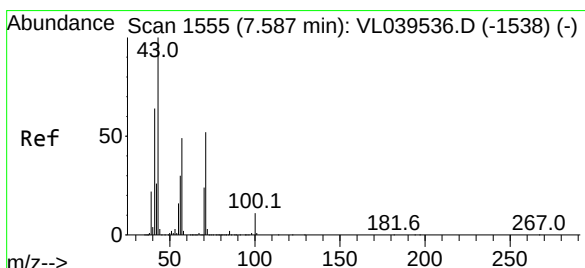
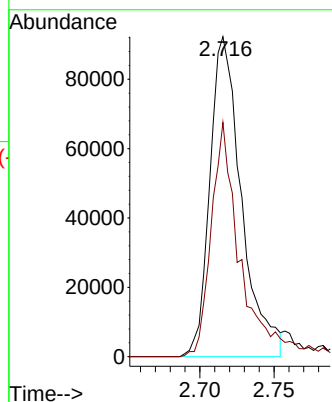
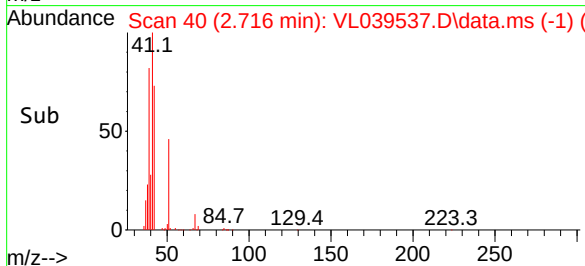
Instrument :
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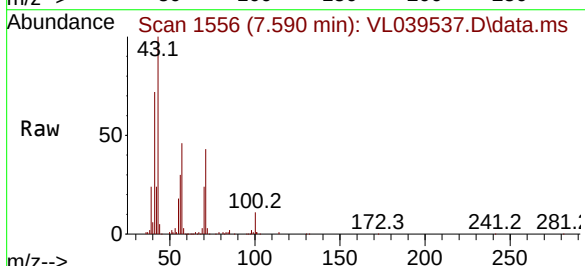
Tgt Ion: 41 Resp: 13638
 Ion Ratio Lower Upper
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 42 69.5 55.4 83.0

Manual Integrations
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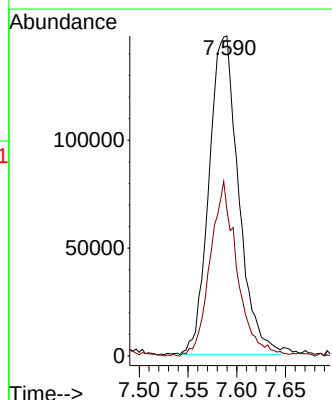
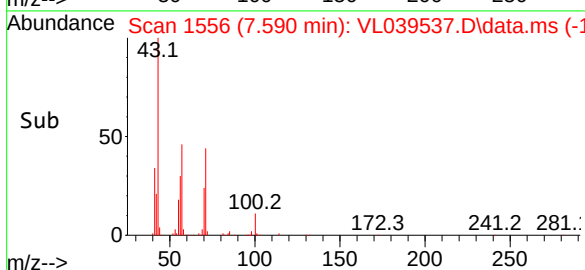
Reviewed By :Semsettin Yesilyurt 08/18/2022
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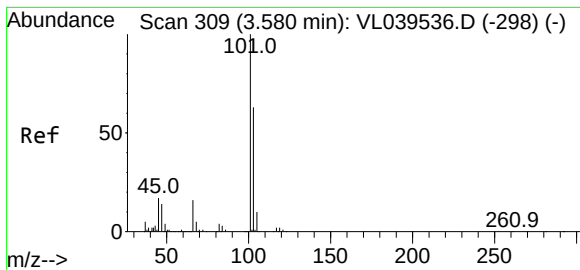


#10
 Heptane
 Concen: 2.070 ppbv
 RT: 7.590 min Scan# 1556
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18



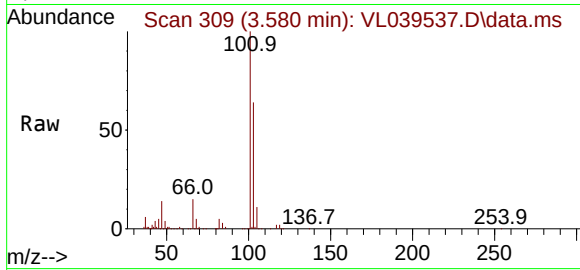
Tgt Ion: 43 Resp: 311558
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.8 59.6





#11
 Trichlorofluoromethane
 Concen: 1.968 ppbv
 RT: 3.580 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

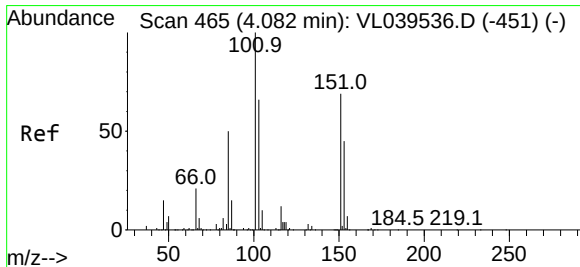
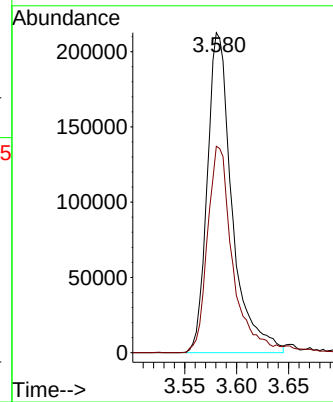
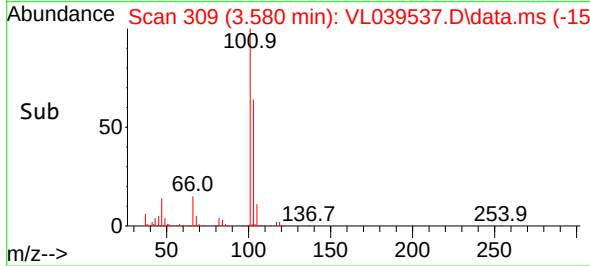
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



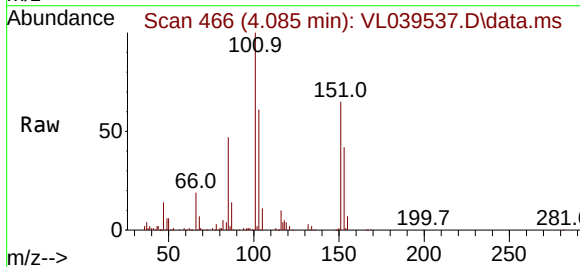
Tgt Ion:101 Resp: 352740
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 76.0

Manual Integrations
 APPROVED

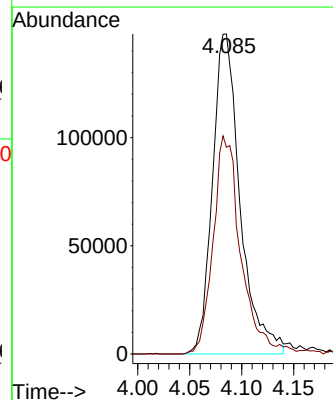
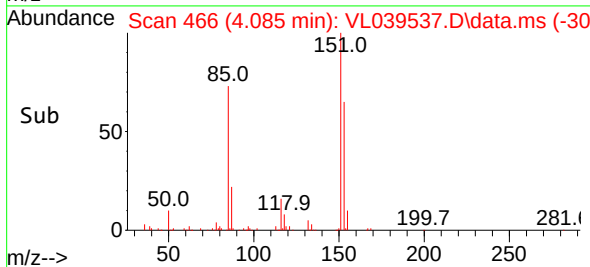
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

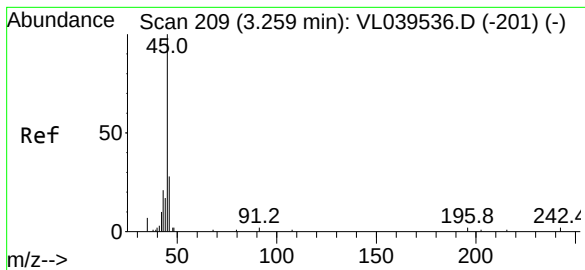


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.060 ppbv
 RT: 4.085 min Scan# 466
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18



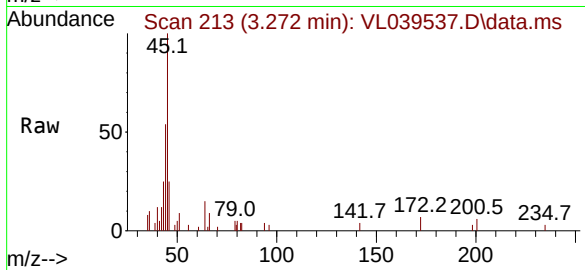
Tgt Ion:101 Resp: 273559
 Ion Ratio Lower Upper
 101 100
 151 69.5 58.6 87.8





#13
Ethanol
Concen: 2.898 ppbv m
RT: 3.272 min Scan# 213
Delta R.T. 0.013 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

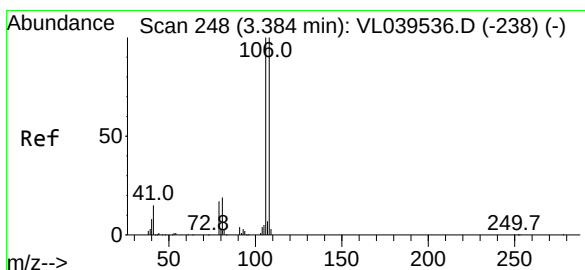
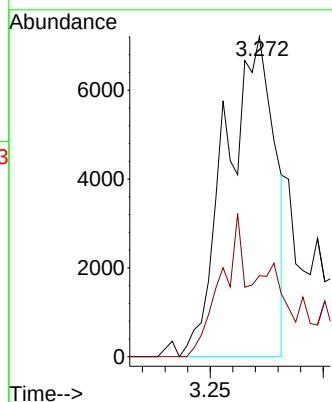
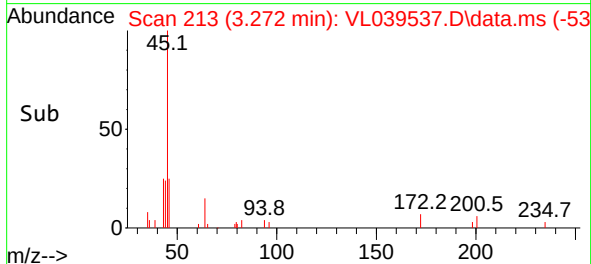
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



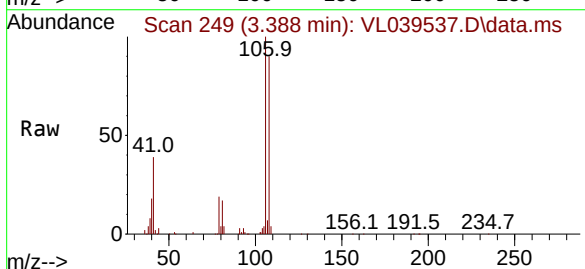
Tgt Ion: 45 Resp: 10880
Ion Ratio Lower Upper
45 100
46 54.9 19.3 77.1

Manual Integrations
APPROVED

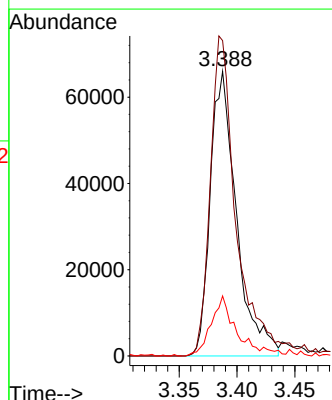
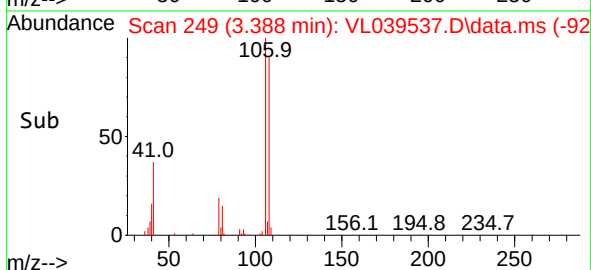
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

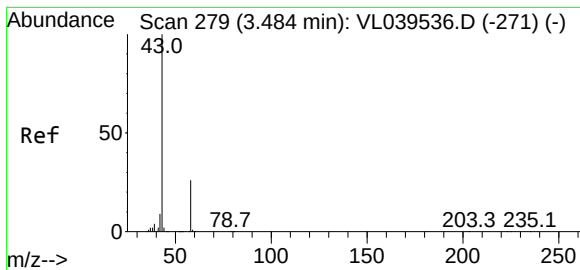


#14
Bromoethene
Concen: 1.858 ppbv m
RT: 3.388 min Scan# 249
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



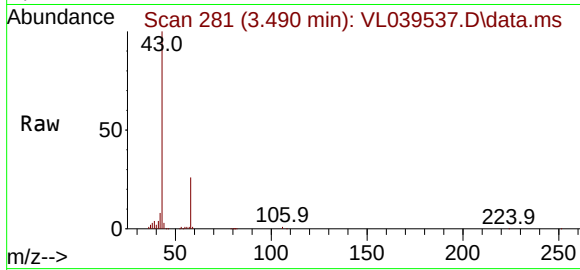
Tgt Ion:108 Resp: 104200
Ion Ratio Lower Upper
108 100
106 114.7 86.6 130.0
79 21.9 15.1 22.7





#15
Acetone
Concen: 2.051 ppbv
RT: 3.490 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

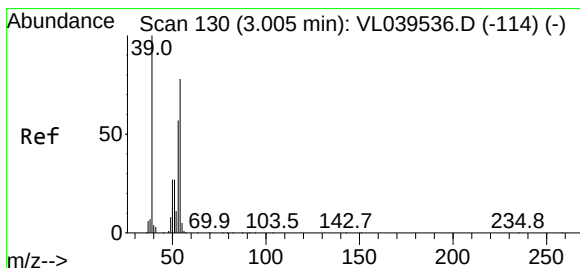
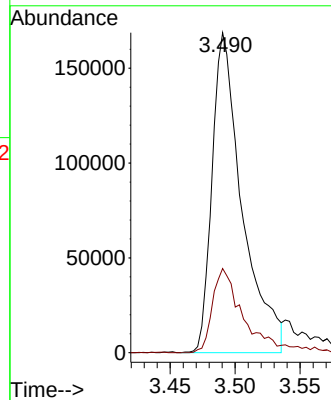
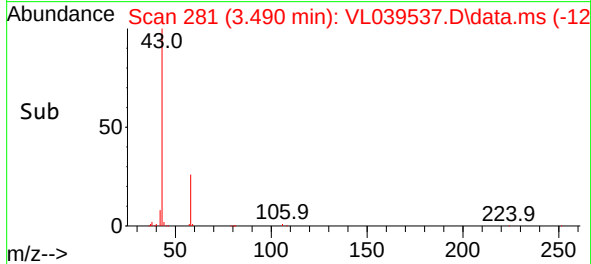
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 27087
Ion Ratio Lower Upper
43 100
58 28.2 20.7 31.1

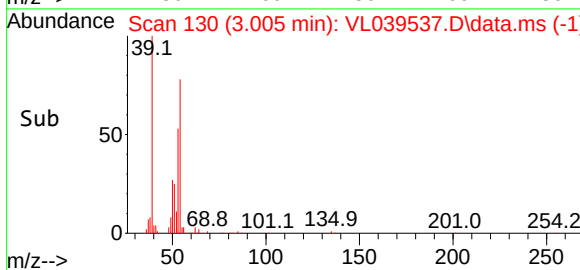
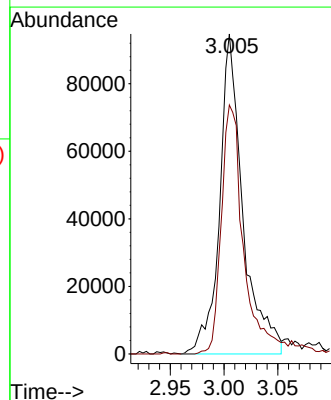
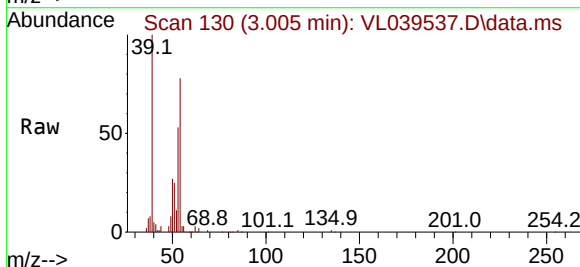
Manual Integrations
APPROVED

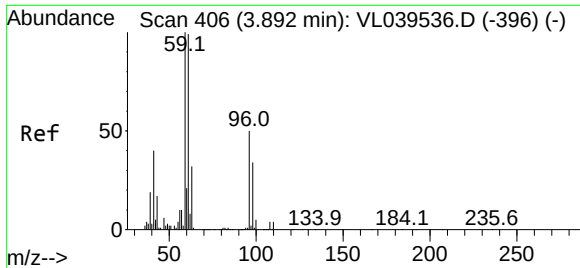
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#16
1,3-Butadiene
Concen: 2.071 ppbv
RT: 3.005 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Tgt Ion: 39 Resp: 142694
Ion Ratio Lower Upper
39 100
54 77.9 61.8 92.8





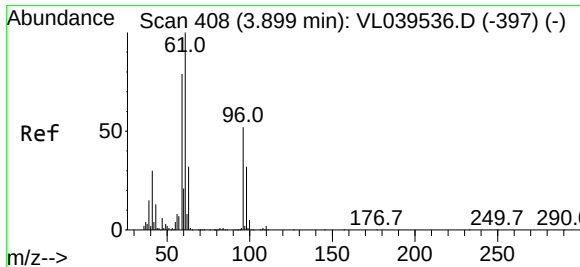
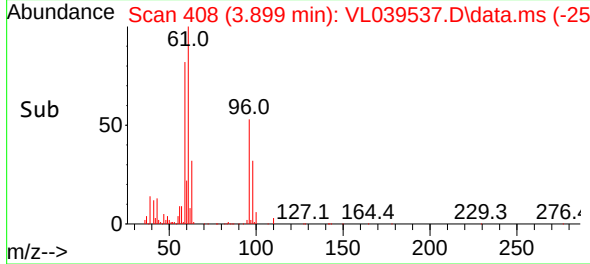
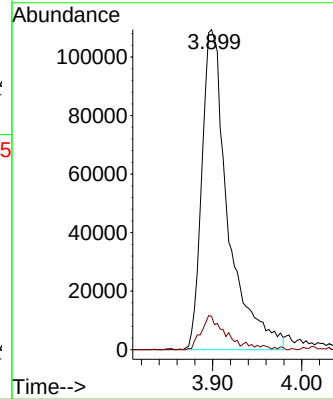
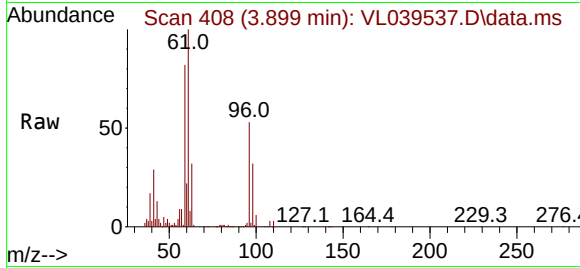
#17
tert-Butyl alcohol
Concen: 2.019 ppbv
RT: 3.899 min Scan# 408
Delta R.T. 0.007 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 224060
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

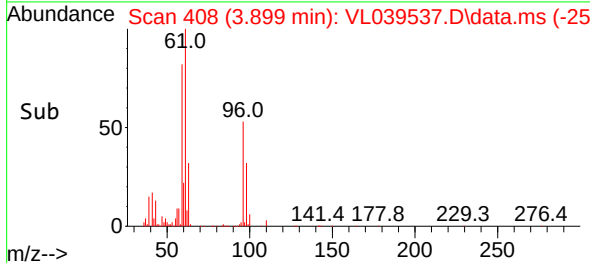
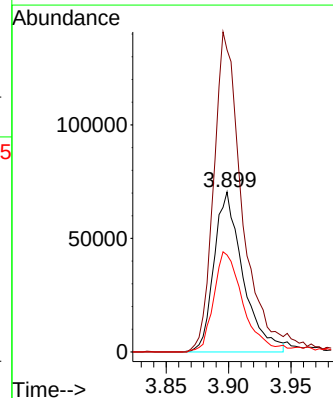
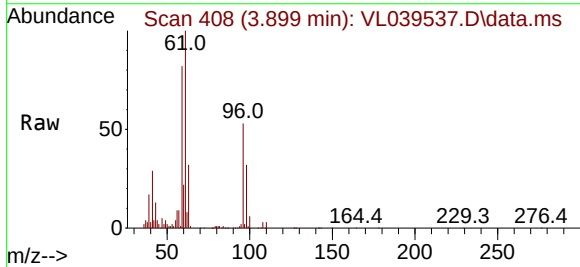
Manual Integrations
APPROVED

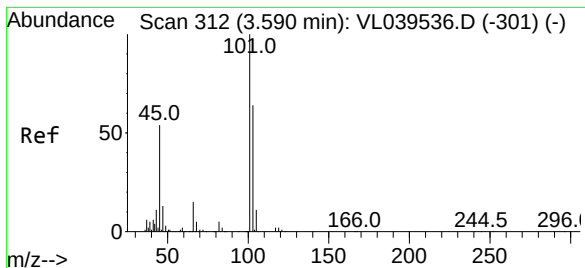
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 1.892 ppbv
RT: 3.899 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

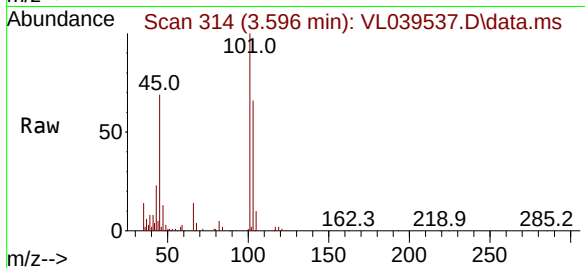
Tgt Ion: 96 Resp: 113869
Ion Ratio Lower Upper
96 100
61 188.8 153.8 230.6
98 60.6 48.6 73.0





#19
Isopropyl Alcohol
Concen: 1.778 ppbv m
RT: 3.596 min Scan# 312
Delta R.T. 0.007 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

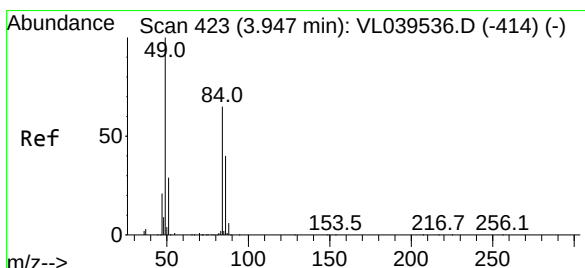
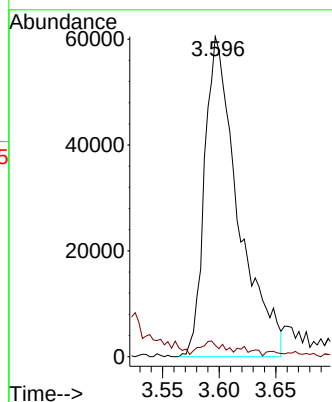
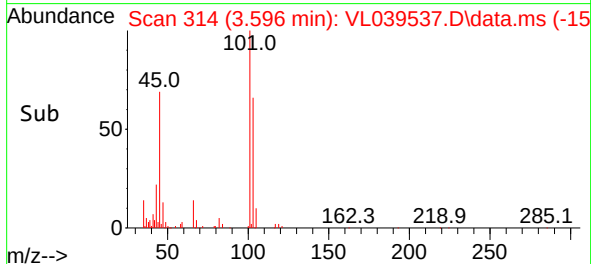
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 45 Resp: 124300
Ion Ratio Lower Upper
45 100
58 6.9 0.0 0.0

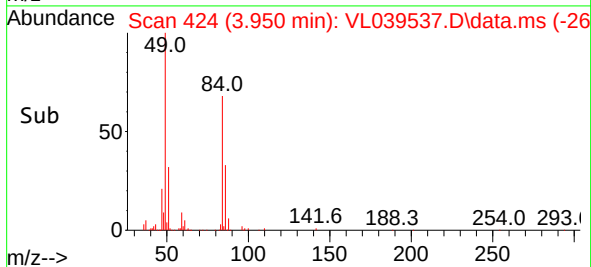
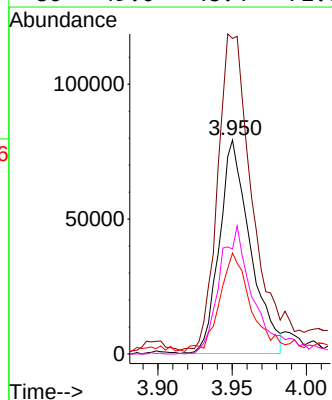
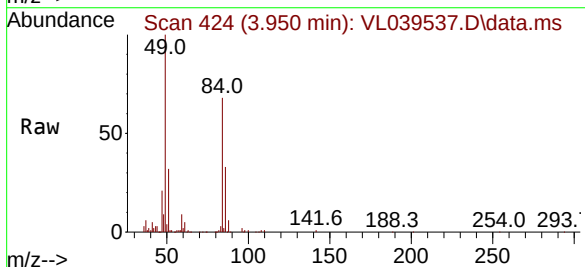
Manual Integrations
APPROVED

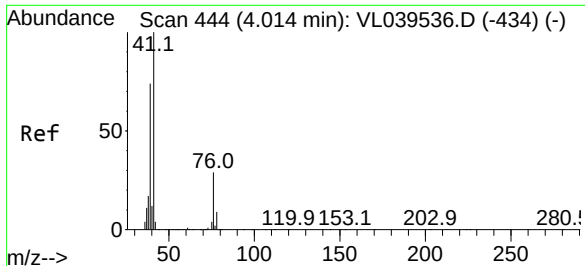
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 2.175 ppbv
RT: 3.950 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

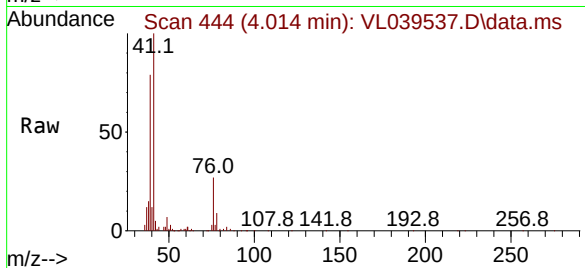
Tgt Ion: 84 Resp: 114363
Ion Ratio Lower Upper
84 100
49 146.1 122.2 183.4
51 45.5 35.8 53.6
86 49.0 48.4 72.6





#21
 Allyl Chloride
 Concen: 1.863 ppbv
 RT: 4.014 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

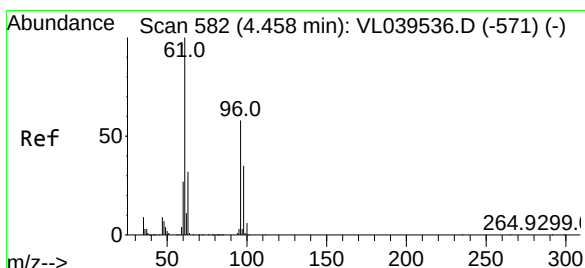
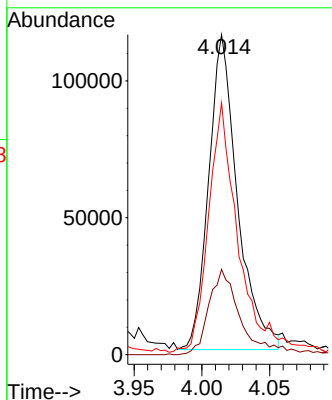
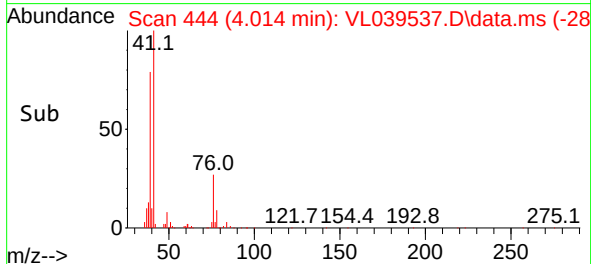
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



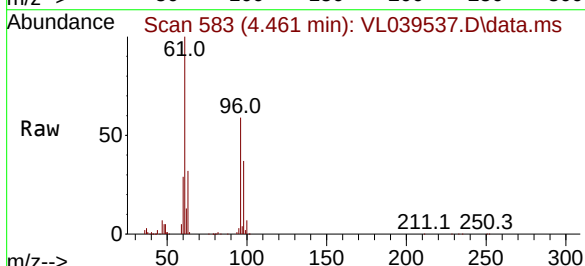
Tgt Ion: 41 Resp: 170570
 Ion Ratio Lower Upper
 41 100
 76 30.3 23.1 34.7
 39 85.4 63.4 95.2

Manual Integrations
 APPROVED

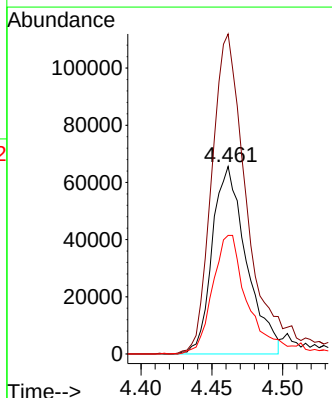
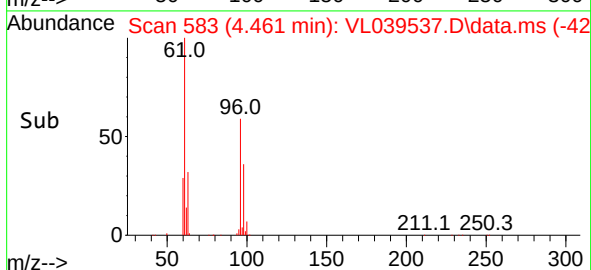
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

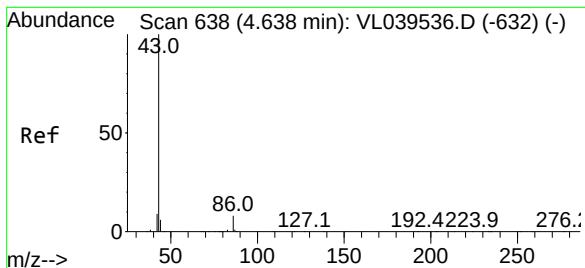


#22
 trans-1,2-Dichloroethene
 Concen: 1.902 ppbv
 RT: 4.461 min Scan# 583
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18



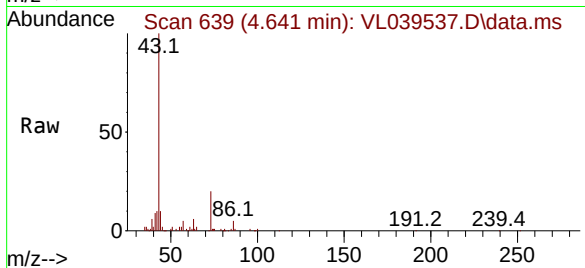
Tgt Ion: 96 Resp: 110208
 Ion Ratio Lower Upper
 96 100
 61 170.2 138.1 207.1
 98 63.3 48.8 73.2





#23
 Vinyl Acetate
 Concen: 1.508 ppbv m
 RT: 4.641 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

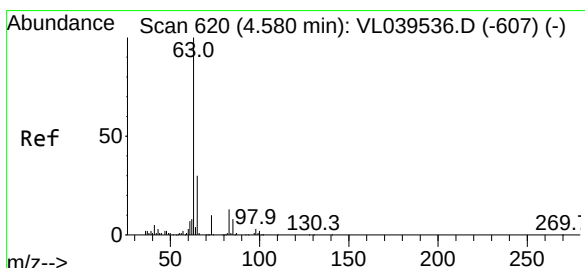
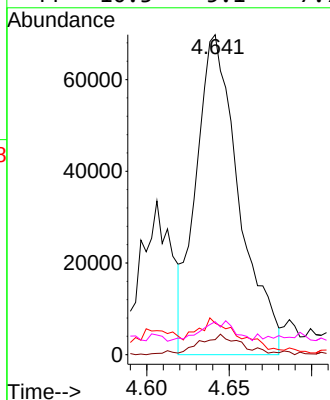
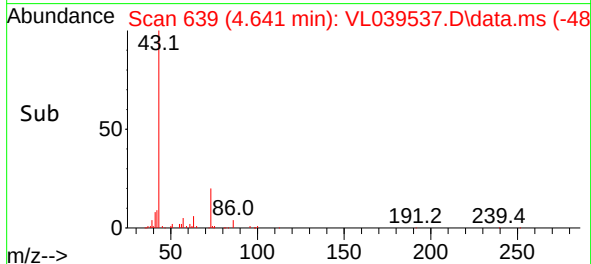
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



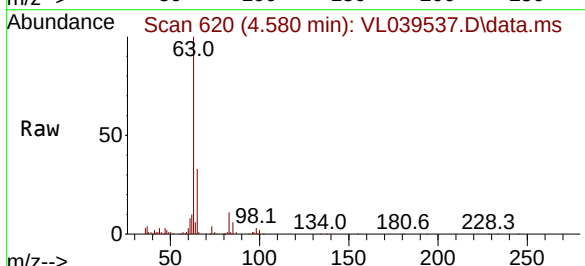
Tgt Ion: 43 Resp: 126779
 Ion Ratio Lower Upper
 43 100
 86 4.7 5.3 7.9
 42 9.8 8.7 13.1
 44 10.3 5.1 7.7#

Manual Integrations
 APPROVED

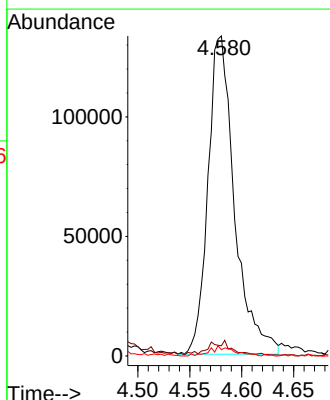
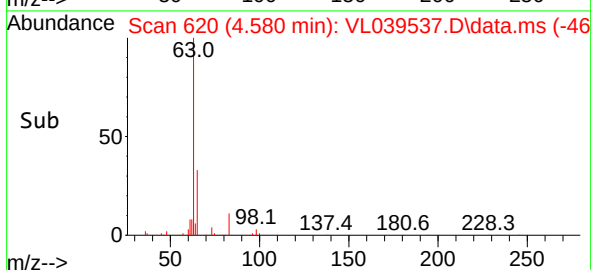
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

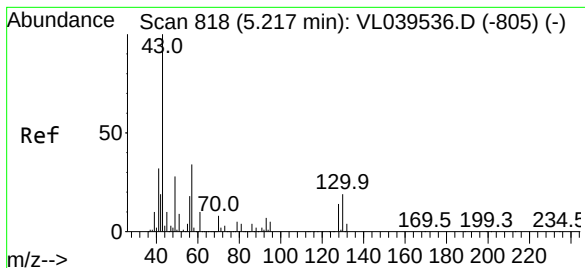


#24
 1,1-Dichloroethane
 Concen: 1.899 ppbv
 RT: 4.580 min Scan# 620
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18



Tgt Ion: 63 Resp: 236791
 Ion Ratio Lower Upper
 63 100
 98 2.9 1.7 5.0
 100 2.0 1.1 3.3





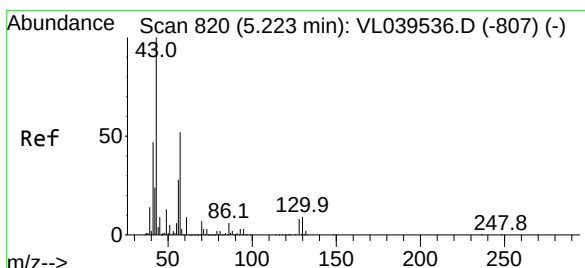
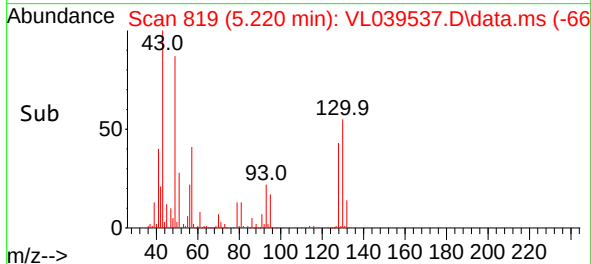
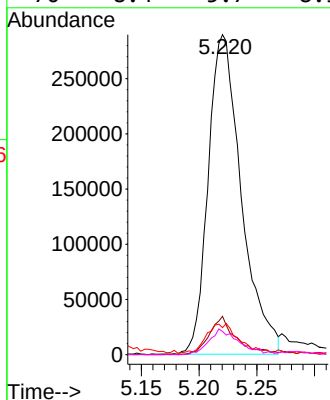
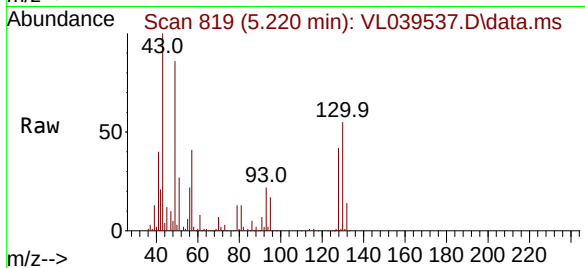
#25
Ethyl Acetate
Concen: 2.120 ppbv
RT: 5.220 min Scan# 819
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43	Resp: 57820
Ion Ratio	Lower Upper
43 100	
45 10.5	8.2 12.4
61 10.6	8.6 12.8
70 8.4	5.7 8.5

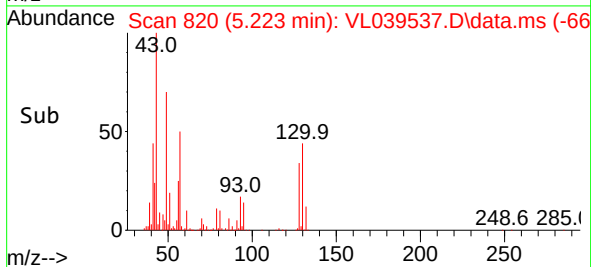
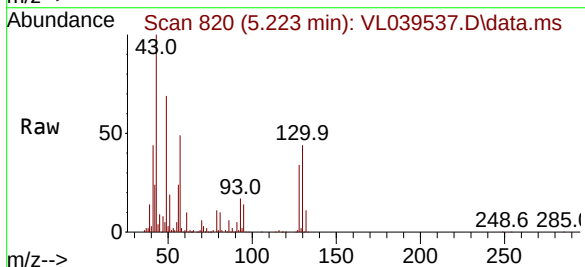
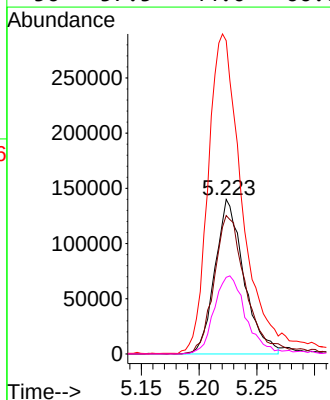
Manual Integrations
APPROVED

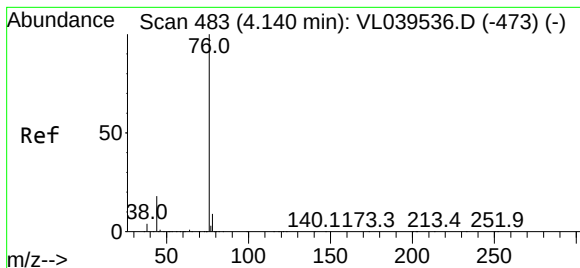
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#26
Hexane
Concen: 2.236 ppbv
RT: 5.223 min Scan# 820
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

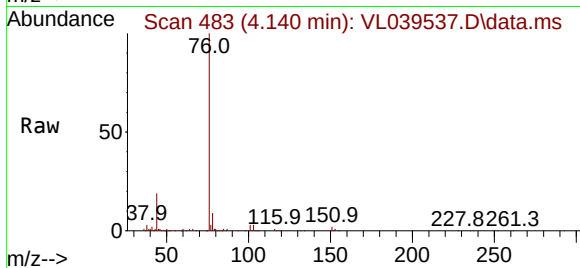
Tgt Ion: 57	Resp: 243273
Ion Ratio	Lower Upper
57 100	
41 102.6	79.4 119.2
43 251.2	199.7 299.5
56 57.5	44.0 66.0





#27
Carbon Disulfide
Concen: 1.856 ppbv
RT: 4.140 min Scan# 483
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

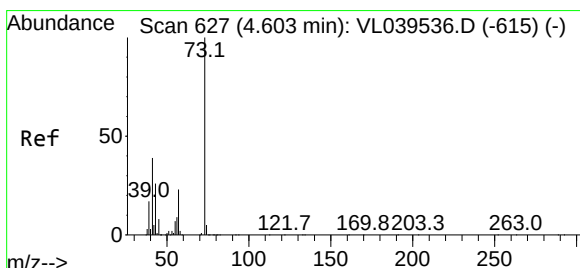
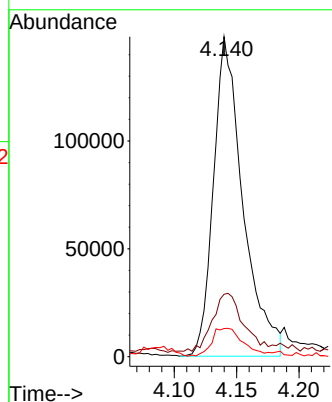
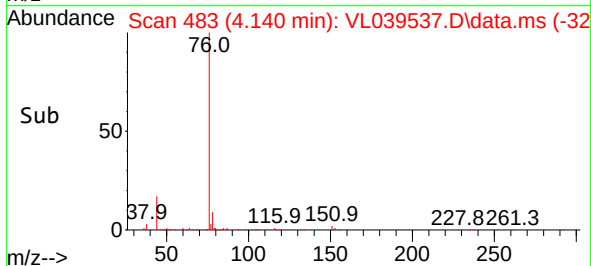
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



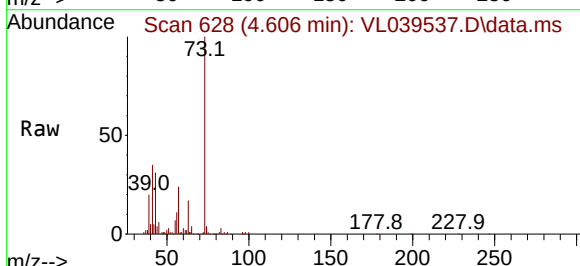
Tgt Ion: 76 Resp: 243479
Ion Ratio Lower Upper
76 100
44 22.4 16.3 24.5
78 10.5 7.8 11.6

Manual Integrations
APPROVED

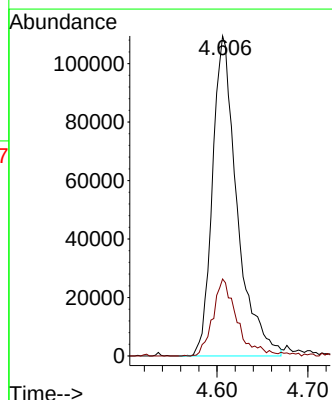
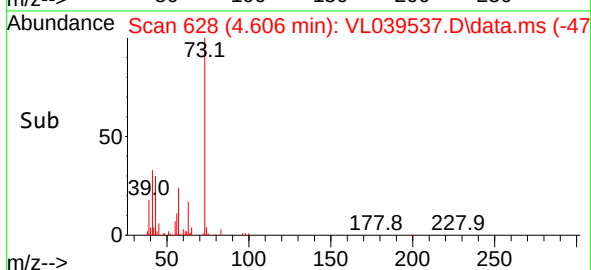
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

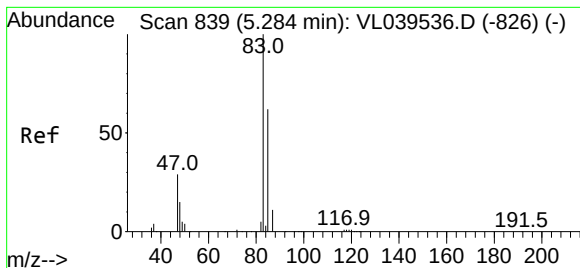


#28
Methyl tert-Butyl Ether
Concen: 1.787 ppbv m
RT: 4.606 min Scan# 628
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



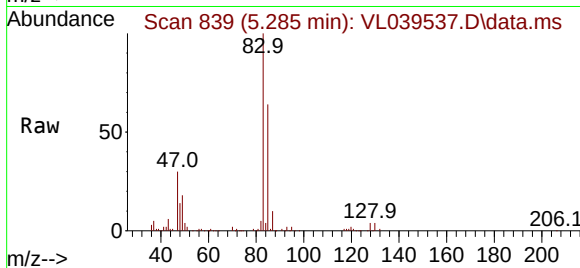
Tgt Ion: 73 Resp: 205475
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.6





#29
Chloroform
Concen: 1.966 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

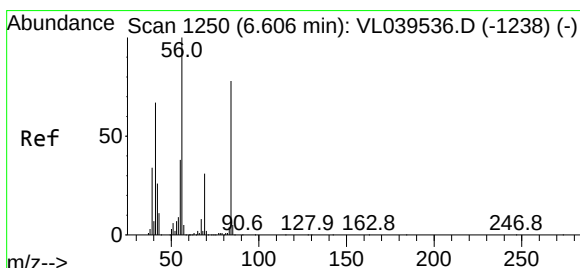
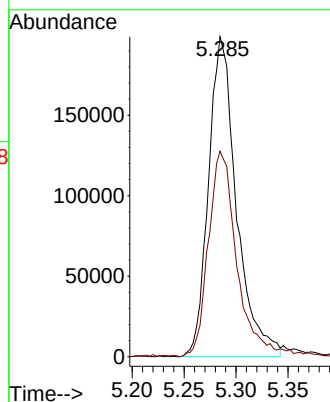
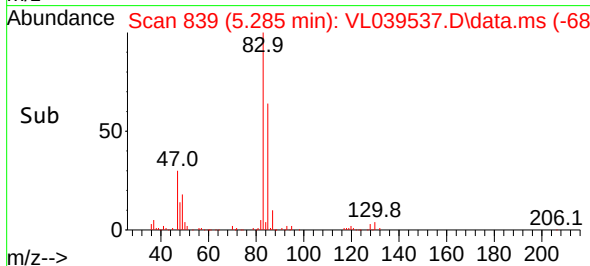
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



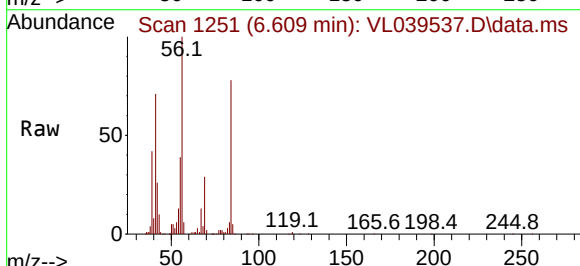
Tgt Ion: 83 Resp: 37145
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.8

Manual Integrations
APPROVED

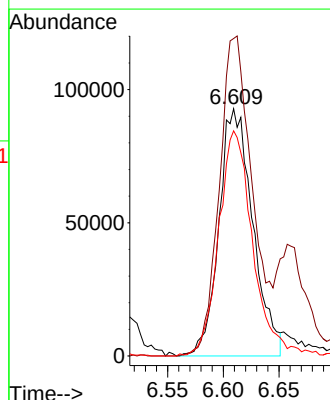
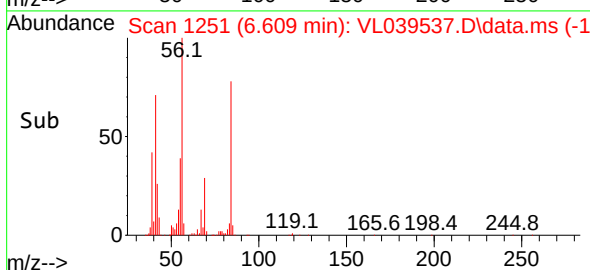
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

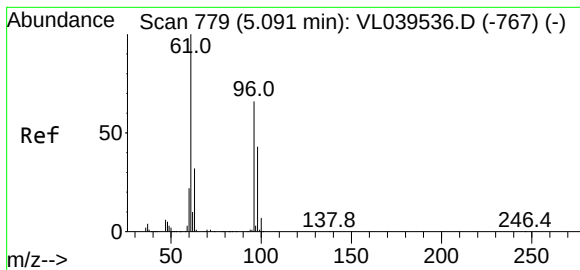


#30
Cyclohexane
Concen: 1.978 ppbv
RT: 6.609 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



Tgt Ion: 84 Resp: 196108
Ion Ratio Lower Upper
84 100
56 130.3 0.0 0.0#
41 92.7 0.0 0.0#





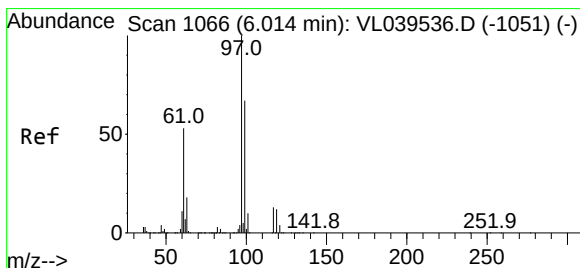
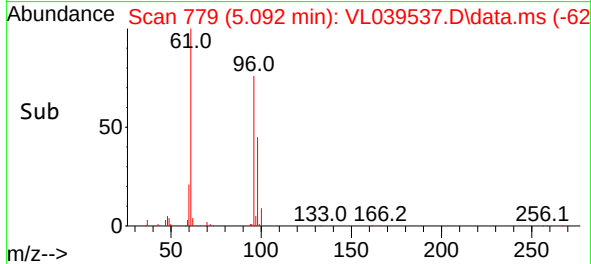
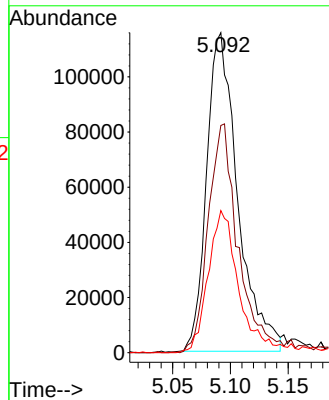
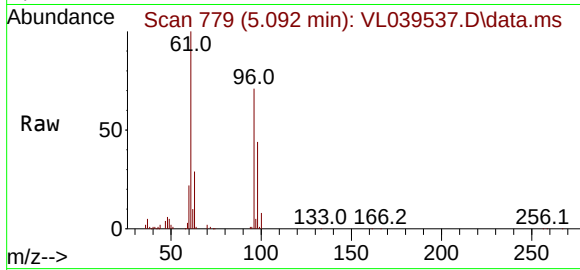
#31
 cis-1,2-Dichloroethene
 Concen: 1.876 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 216730
 Ion Ratio Lower Upper
 61 100
 96 71.3 52.9 79.3
 98 44.3 34.5 51.7

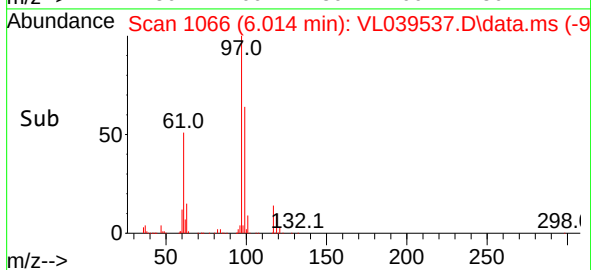
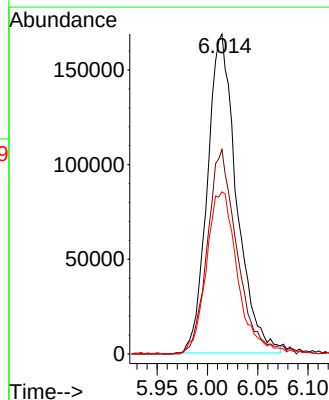
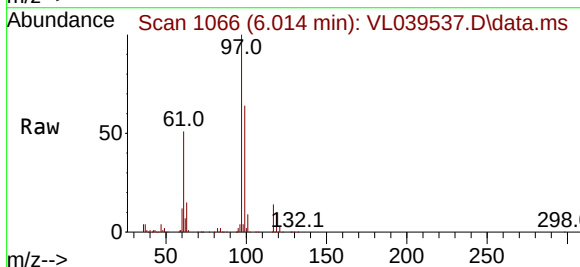
Manual Integrations
 APPROVED

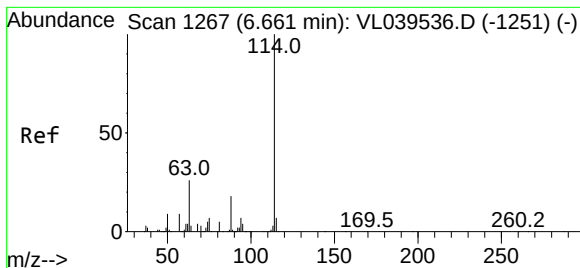
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 1.826 ppbv
 RT: 6.014 min Scan# 1066
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

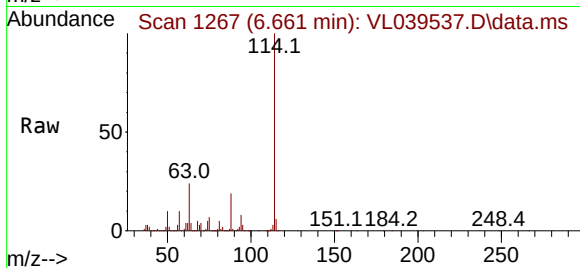
Tgt Ion: 97 Resp: 340777
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.4 78.6
 61 54.9 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

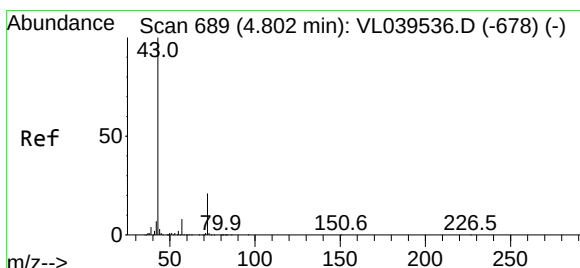
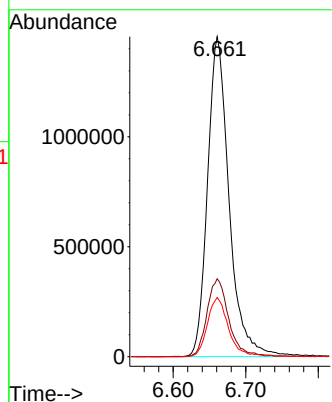
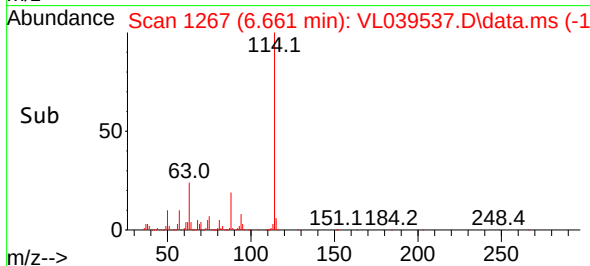
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:114 Resp: 299331
Ion Ratio Lower Upper
114 100
63 25.1 20.6 31.0
88 18.3 14.6 22.0

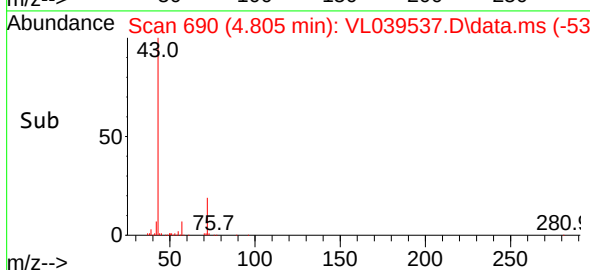
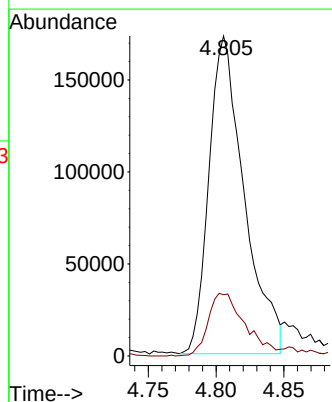
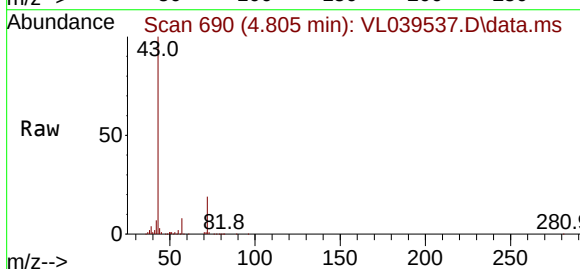
Manual Integrations
APPROVED

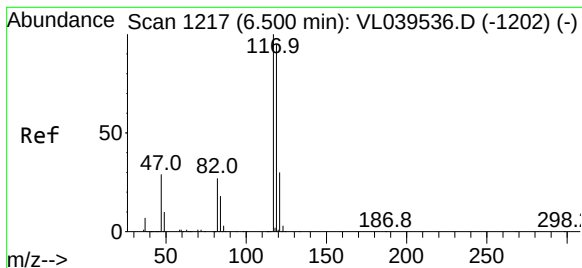
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 2.103 ppbv
RT: 4.805 min Scan# 690
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

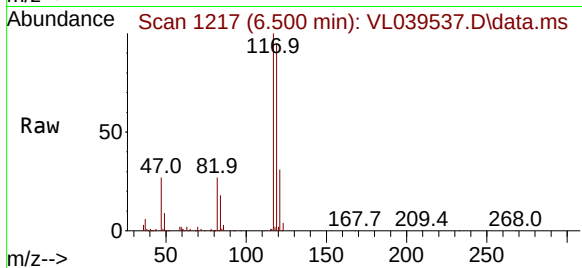
Tgt Ion: 43 Resp: 312880
Ion Ratio Lower Upper
43 100
72 24.0 17.4 26.0





#35
Carbon Tetrachloride
Concen: 1.925 ppbv
RT: 6.500 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

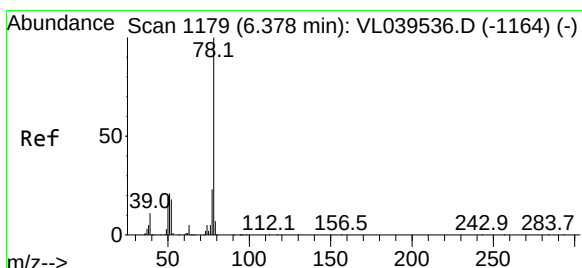
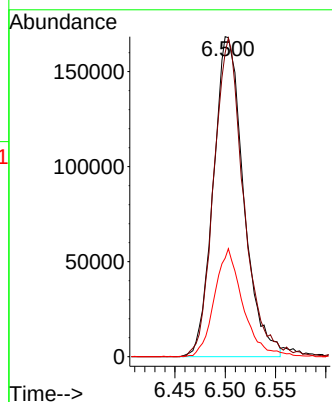
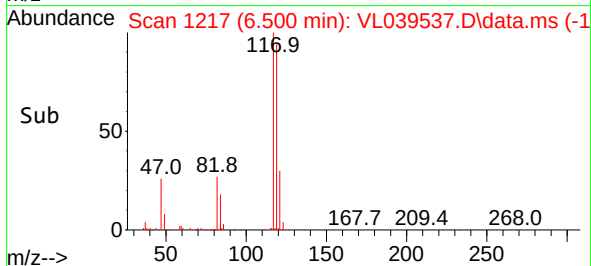
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



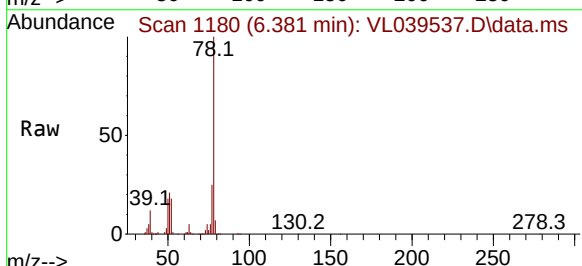
Tgt Ion: 117 Resp: 350972
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
121 30.7 24.4 36.6

Manual Integrations
APPROVED

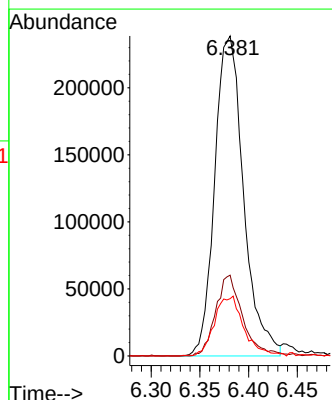
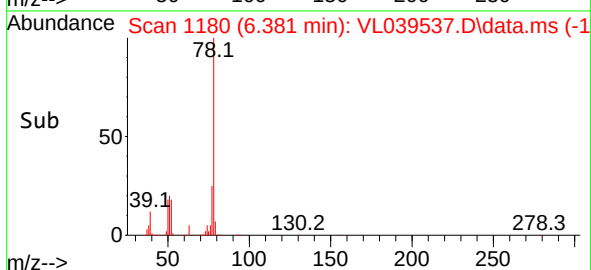
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

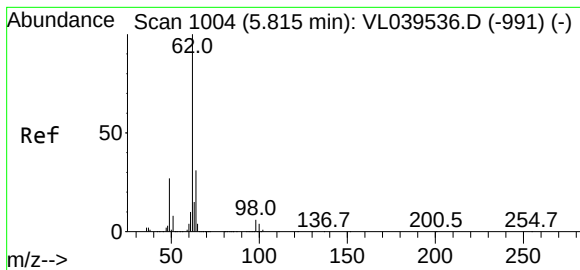


#36
Benzene
Concen: 2.132 ppbv
RT: 6.381 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



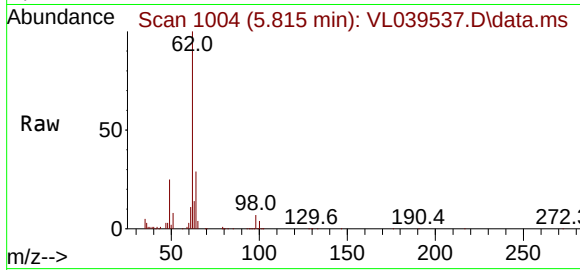
Tgt Ion: 78 Resp: 491581
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8
50 17.9 15.0 22.4





#37
1,2-Dichloroethane
Concen: 1.972 ppbv
RT: 5.815 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

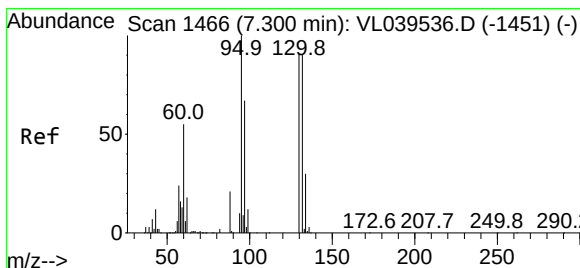
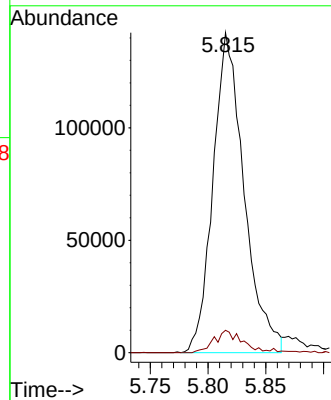
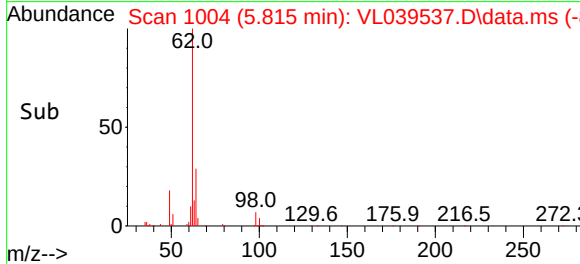
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



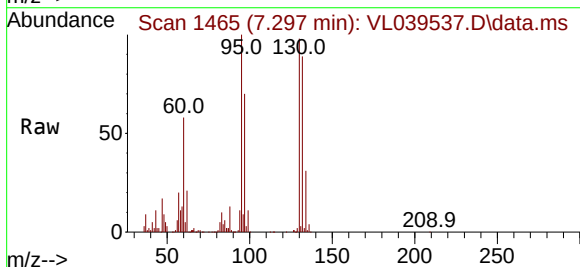
Tgt Ion: 62 Resp: 265673
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.2

Manual Integrations
APPROVED

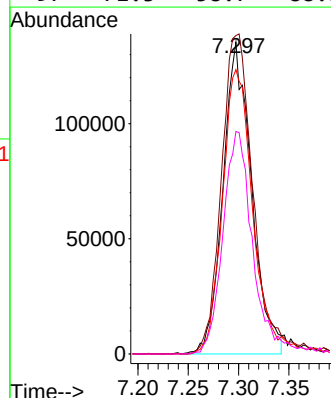
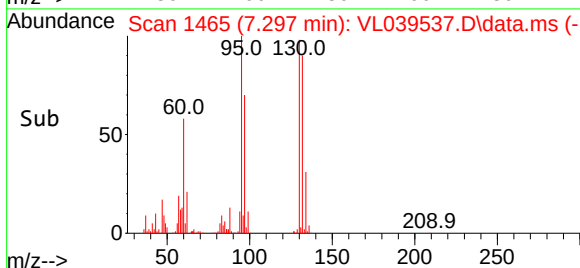
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

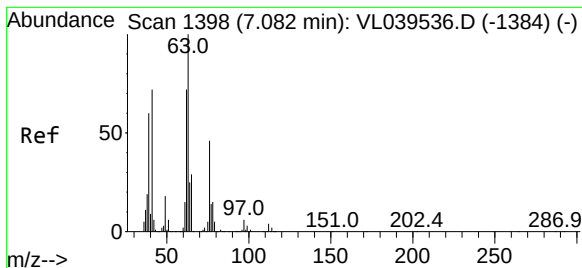


#38
Trichloroethene
Concen: 2.130 ppbv
RT: 7.297 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



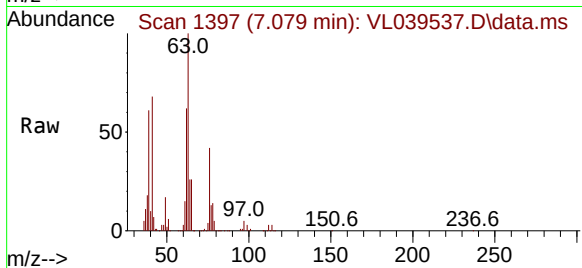
Tgt Ion:130 Resp: 267787
Ion Ratio Lower Upper
130 100
95 102.1 88.0 132.0
132 91.2 79.1 118.7
97 71.3 58.7 88.1





#39
1,2-Dichloropropane
Concen: 2.214 ppbv
RT: 7.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

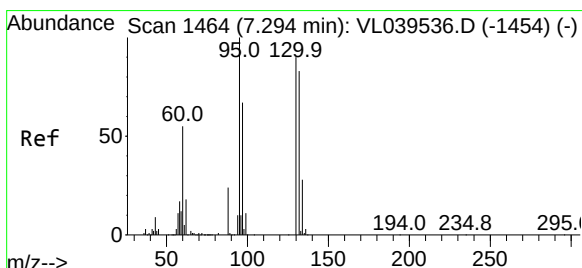
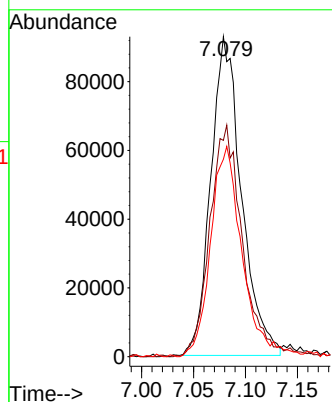
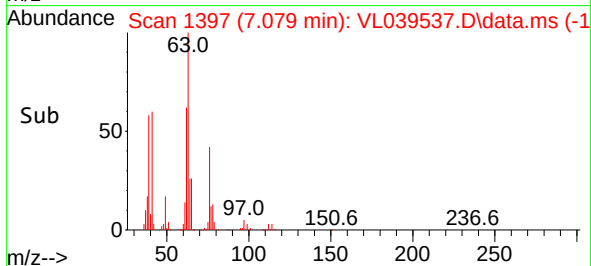
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 63 Resp: 19051
Ion Ratio Lower Upper
63 100
41 67.7 58.0 87.0
62 62.0 57.8 86.8

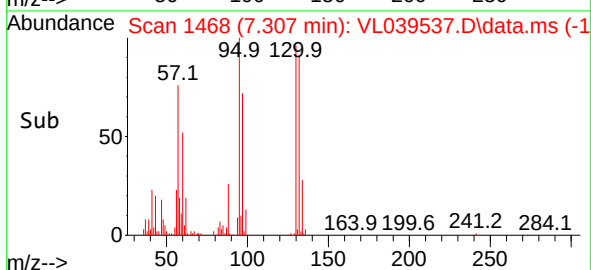
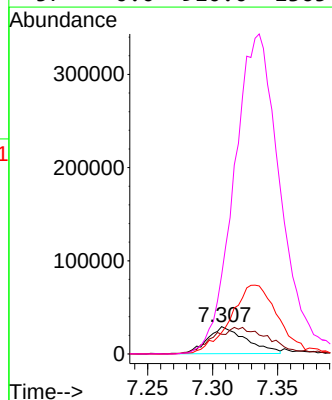
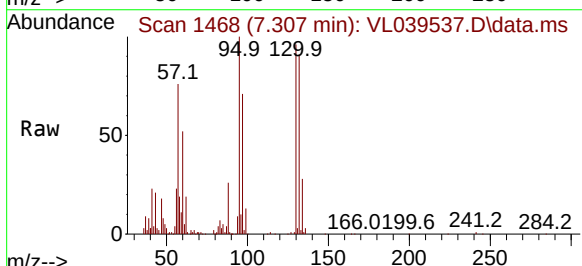
Manual Integrations
APPROVED

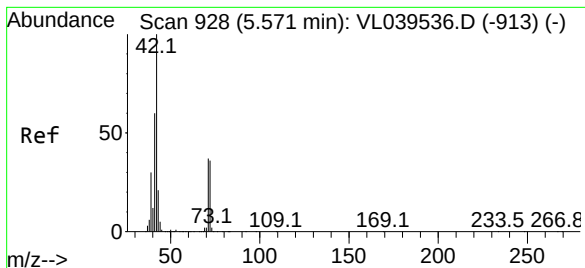
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#40
1,4-Dioxane
Concen: 1.772 ppbv
RT: 7.307 min Scan# 1468
Delta R.T. 0.013 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

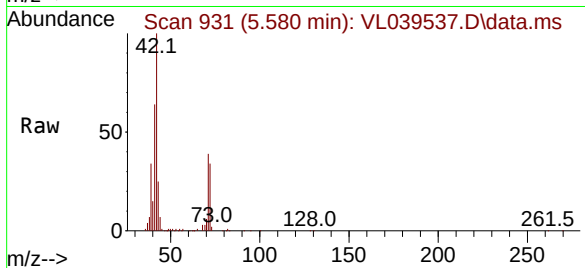
Tgt Ion: 88 Resp: 60337
Ion Ratio Lower Upper
88 100
58 148.3 102.8 154.2
43 0.0 216.2 324.2#
57 0.0 910.0 1365.0#





#41
Tetrahydrofuran
Concen: 2.162 ppbv
RT: 5.580 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

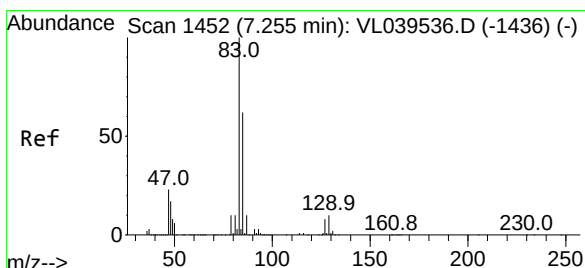
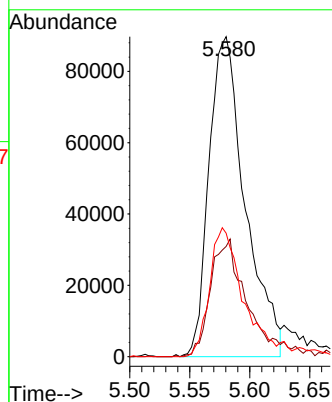
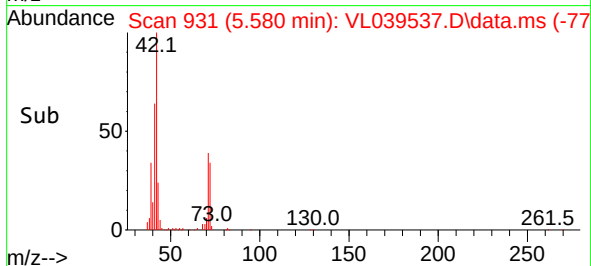
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 188080
Ion Ratio Lower Upper
42 100
72 39.4 30.6 45.8
71 40.6 30.7 46.1

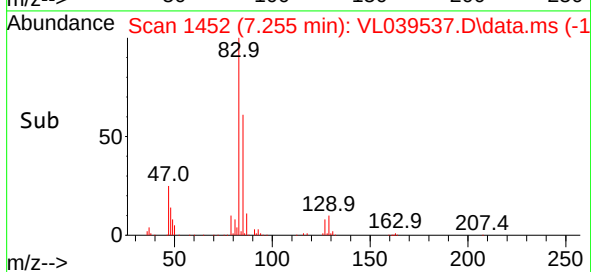
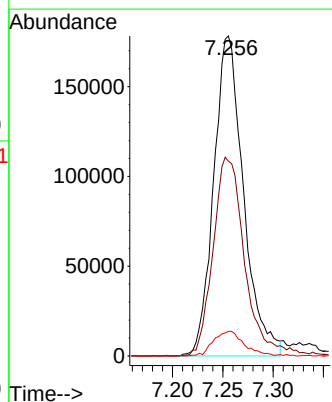
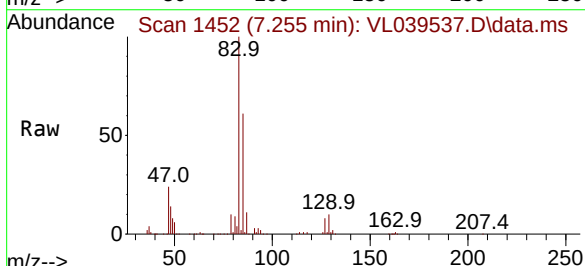
Manual Integrations
APPROVED

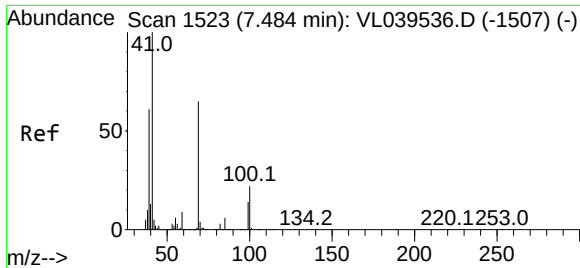
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#42
Bromodichloromethane
Concen: 2.017 ppbv
RT: 7.255 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

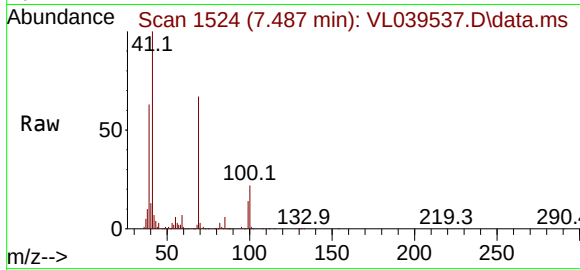
Tgt Ion: 83 Resp: 366849
Ion Ratio Lower Upper
83 100
85 60.9 49.9 74.9
127 7.6 6.7 10.1





#43
Methyl Methacrylate
Concen: 2.006 ppbv
RT: 7.487 min Scan# 1523
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

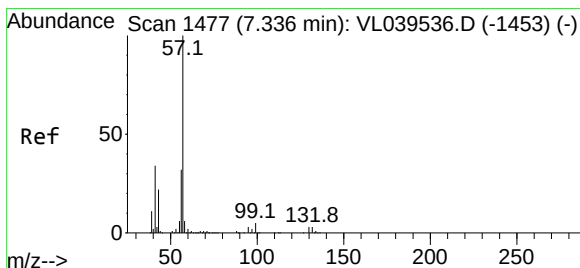
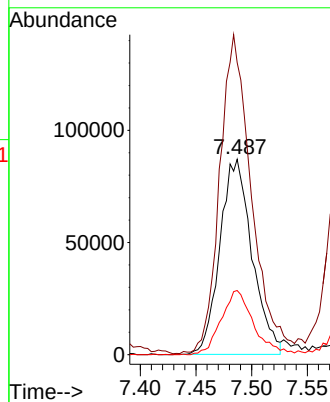
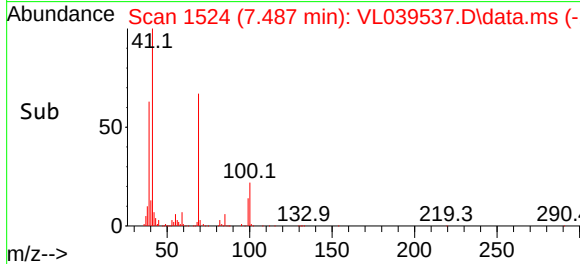
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



Tgt Ion: 69 Resp: 17489
Ion Ratio Lower Upper
69 100
41 160.0 123.0 184.6
100 33.3 27.4 41.2

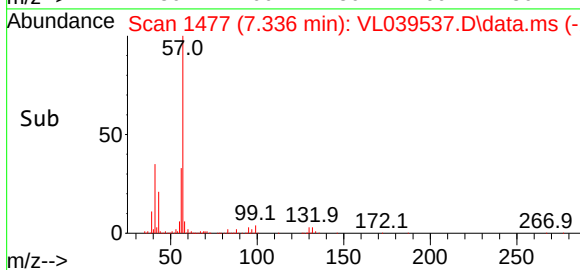
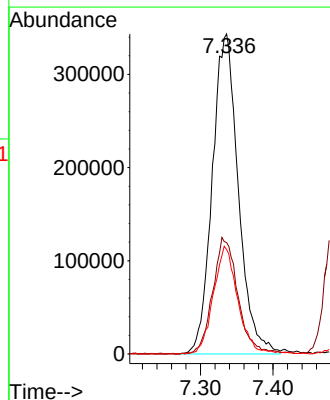
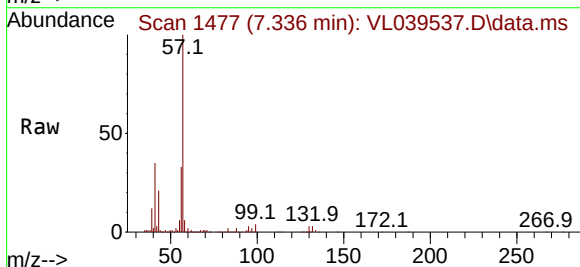
Manual Integrations
APPROVED

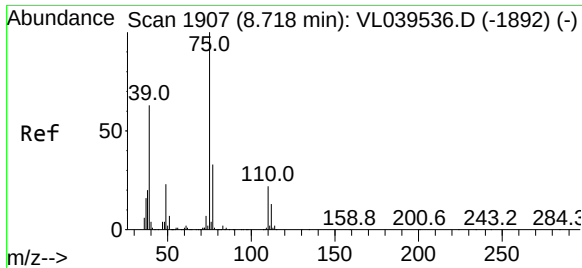
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#44
2,2,4-Trimethylpentane
Concen: 2.196 ppbv
RT: 7.336 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

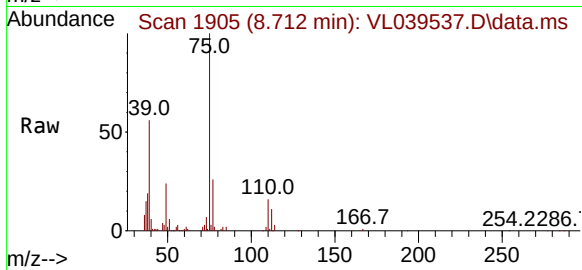
Tgt Ion: 57 Resp: 857217
Ion Ratio Lower Upper
57 100
41 35.3 27.8 41.6
56 31.7 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 1.893 ppbv m
RT: 8.712 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

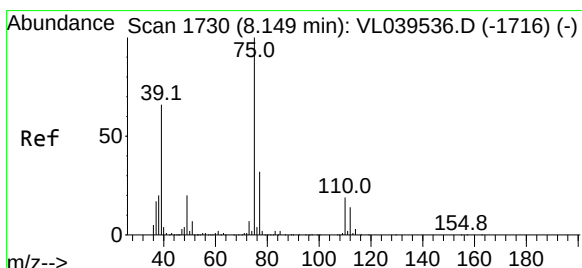
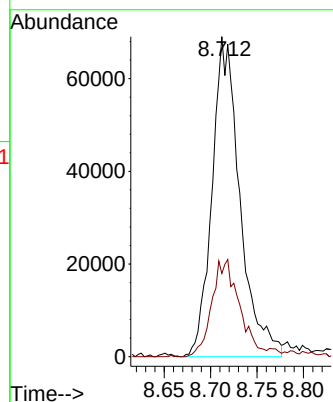
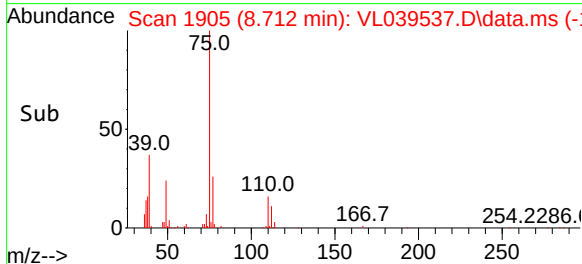
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 75 Resp: 143979
Ion Ratio Lower Upper
75 100
77 26.0 26.2 39.2

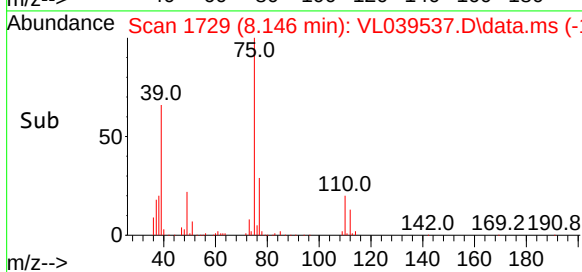
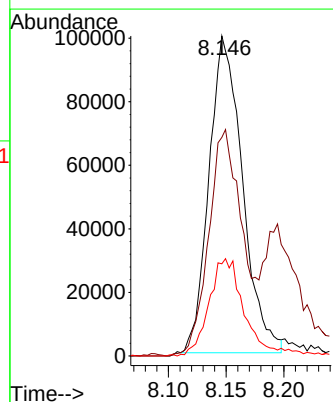
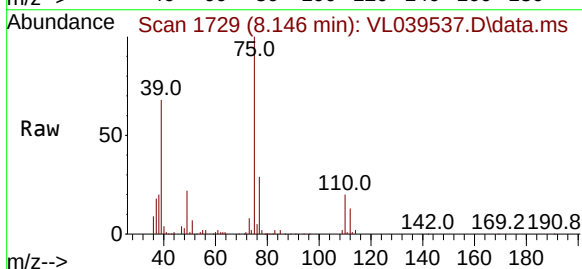
Manual Integrations
APPROVED

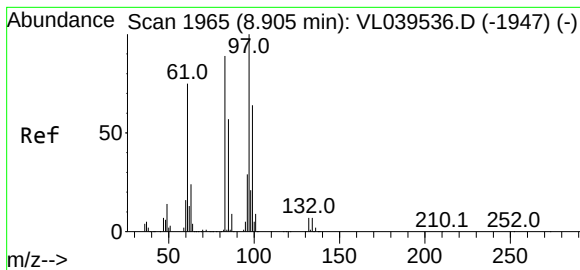
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#46
cis-1,3-Dichloropropene
Concen: 1.890 ppbv
RT: 8.146 min Scan# 1729
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

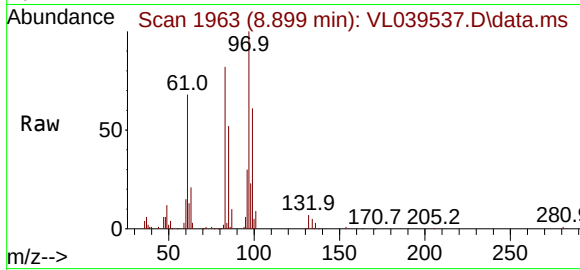
Tgt Ion: 75 Resp: 200754
Ion Ratio Lower Upper
75 100
39 68.0 52.8 79.2
77 28.6 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 2.134 ppbv m
RT: 8.899 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

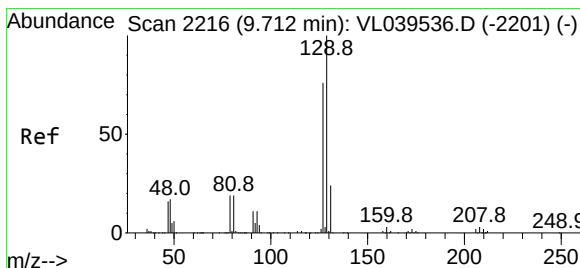
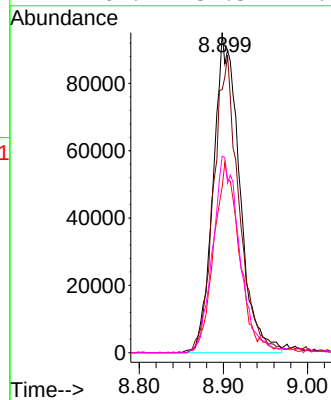
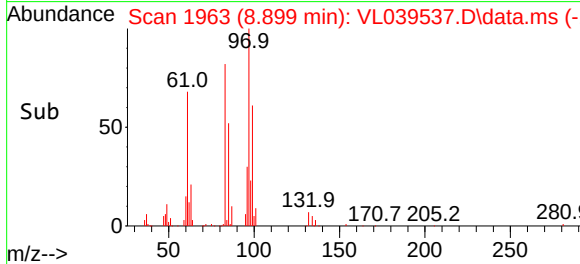
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 97 Resp: 205917
Ion Ratio Lower Upper
97 100
83 82.2 70.8 106.2
85 51.8 45.4 68.2
99 61.4 51.5 77.3

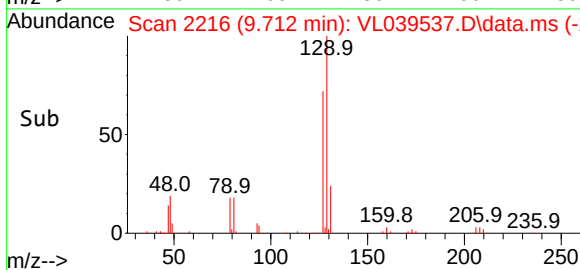
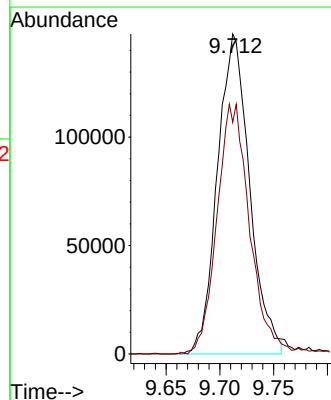
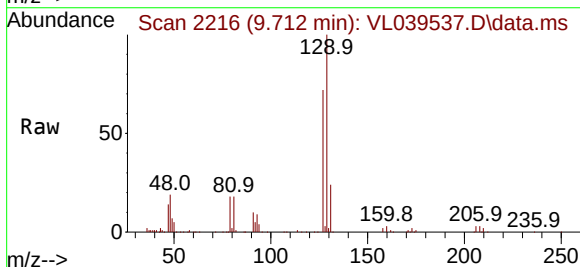
Manual Integrations
APPROVED

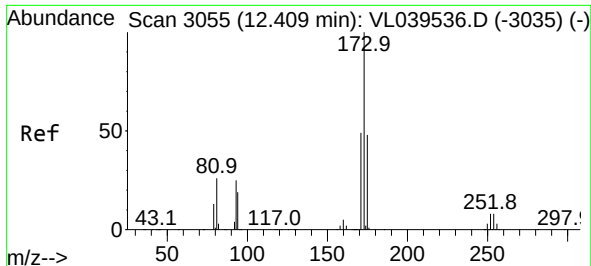
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#48
Dibromochloromethane
Concen: 2.017 ppbv
RT: 9.712 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

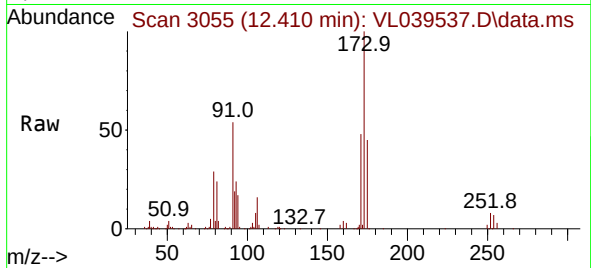
Tgt Ion:129 Resp: 307196
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.3





#49
Bromoform
Concen: 2.095 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

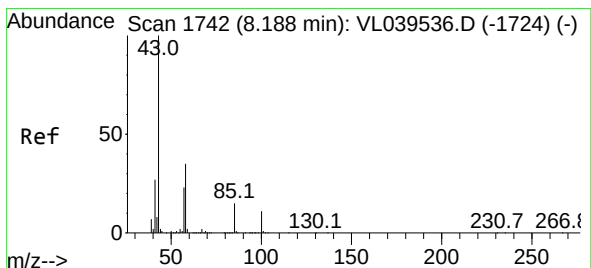
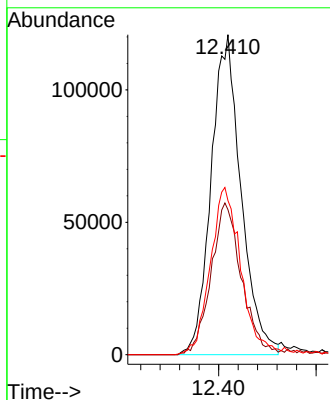
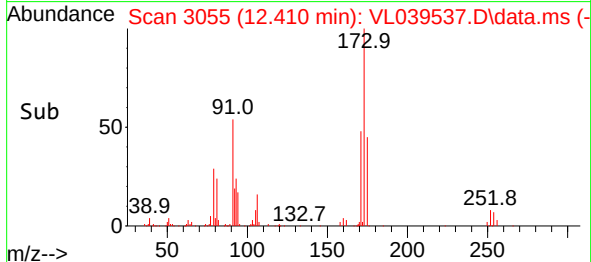
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



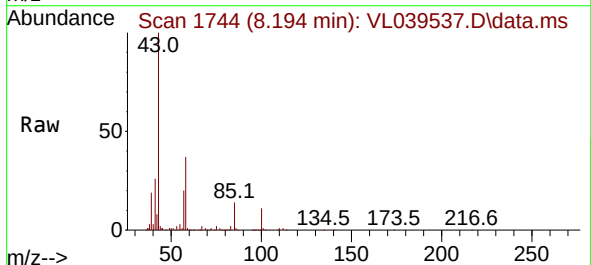
Tgt Ion: 173 Resp: 25785
Ion Ratio Lower Upper
173 100
175 49.3 0.0 0.0
171 54.8 0.0 0.0

Manual Integrations
APPROVED

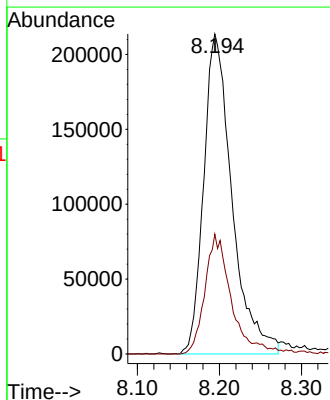
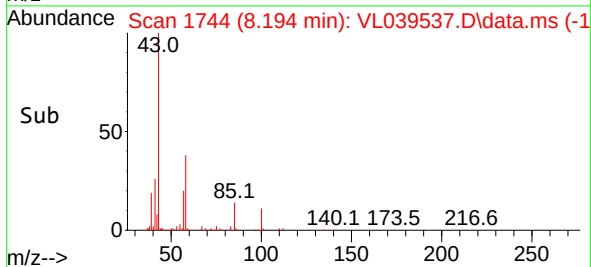
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

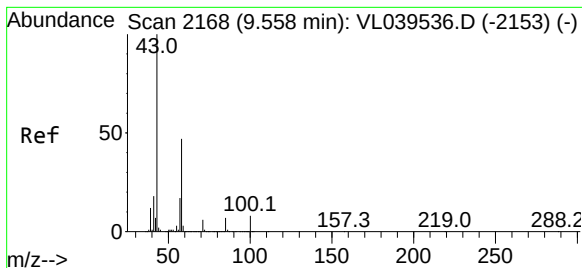


#50
4-Methyl-2-Pentanone
Concen: 2.248 ppbv
RT: 8.194 min Scan# 1744
Delta R.T. 0.007 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



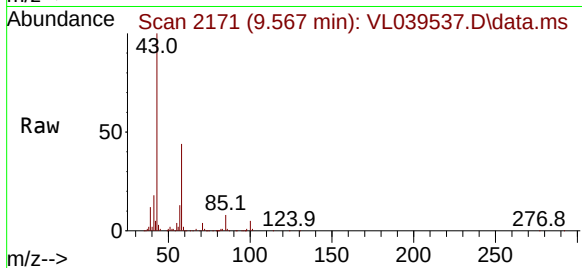
Tgt Ion: 43 Resp: 512068
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0





#51
2-Hexanone
Concen: 2.201 ppbv m
RT: 9.567 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

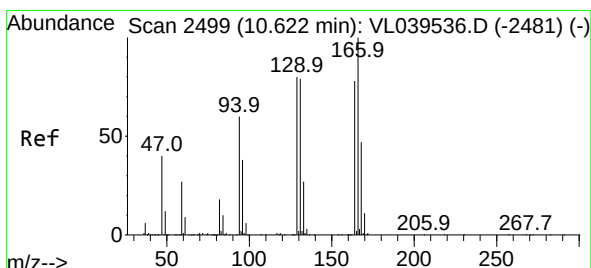
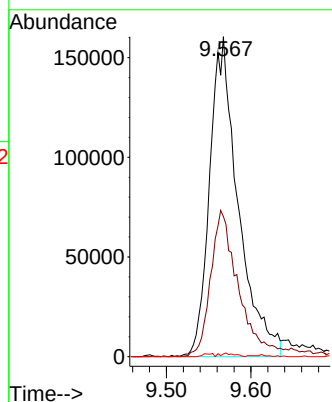
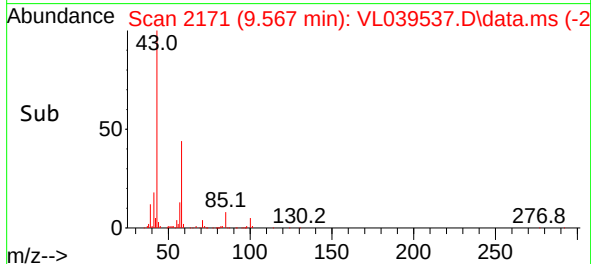
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



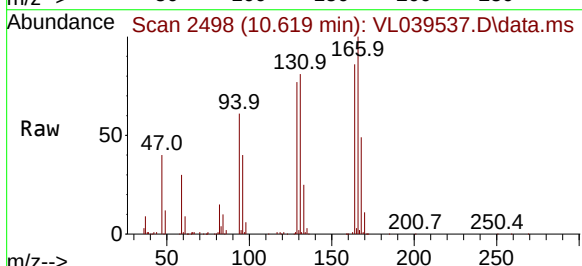
Tgt Ion: 43 Resp: 37806
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3
98 0.0 0.5 0.7

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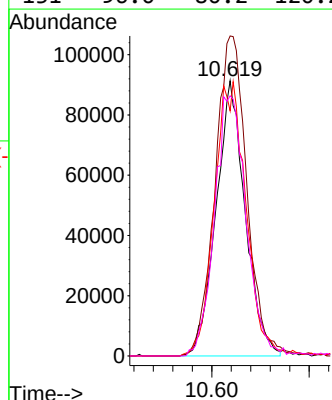
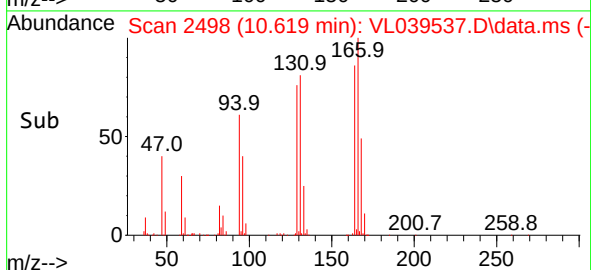
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

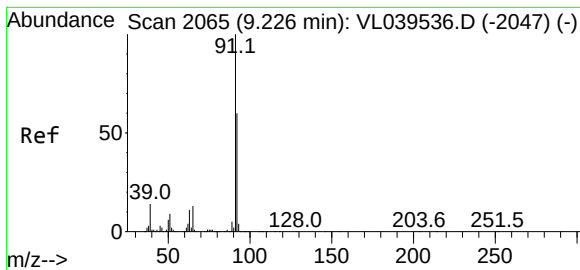


#52
Tetrachloroethene
Concen: 2.050 ppbv
RT: 10.619 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



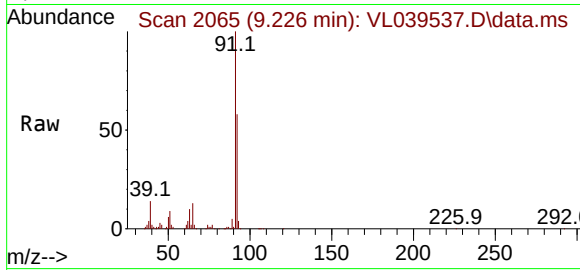
Tgt Ion:164 Resp: 189594
Ion Ratio Lower Upper
164 100
166 116.3 102.0 153.0
129 89.0 81.7 122.5
131 96.0 80.2 120.2





#53
Toluene
Concen: 2.146 ppbv
RT: 9.226 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

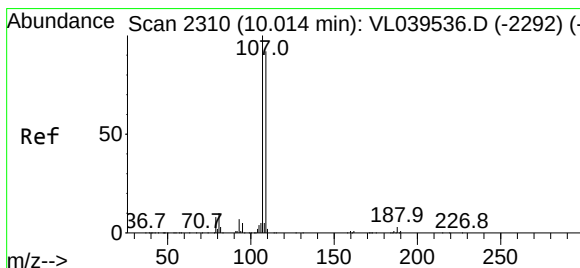
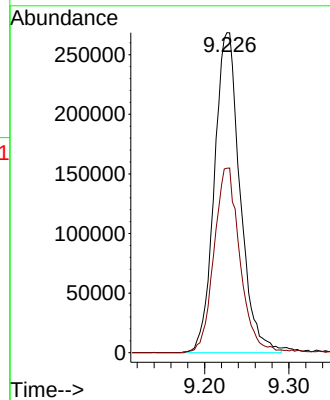
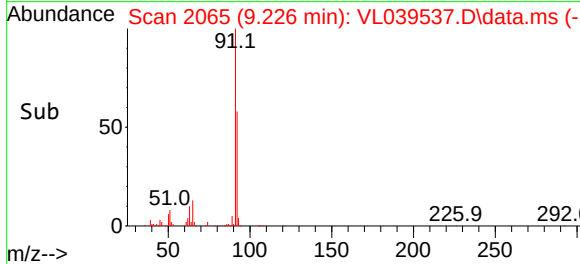
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



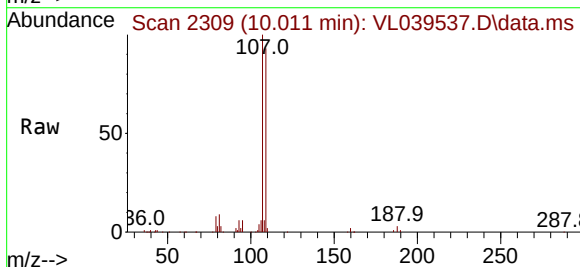
Tgt Ion: 91 Resp: 568310
Ion Ratio Lower Upper
91 100
92 59.0 47.9 71.9

Manual Integrations
APPROVED

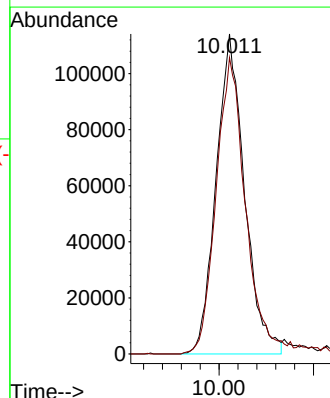
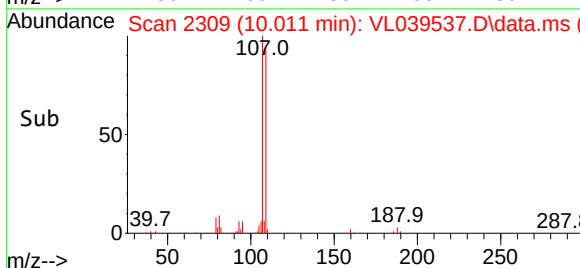
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

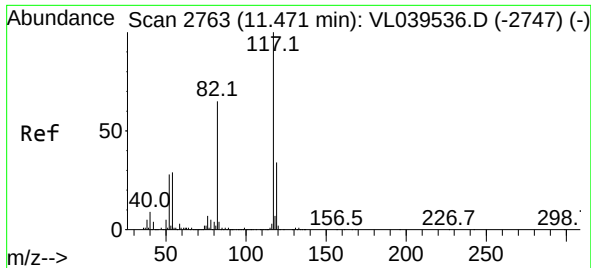


#54
1,2-Dibromoethane
Concen: 2.012 ppbv
RT: 10.011 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



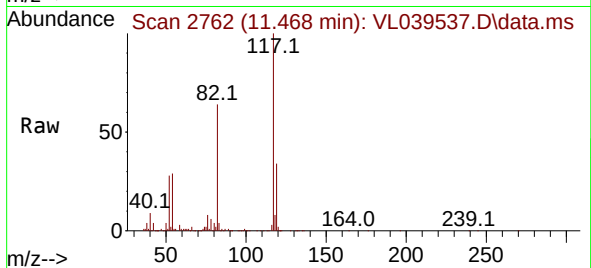
Tgt Ion:107 Resp: 238123
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

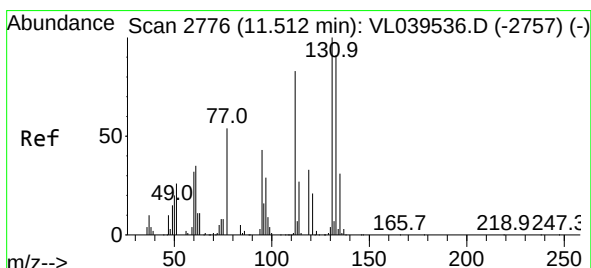
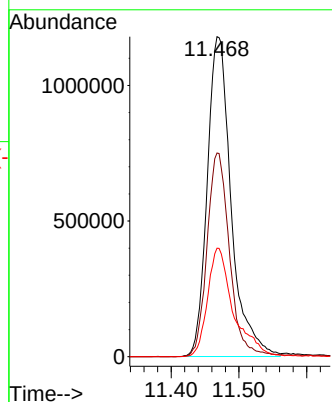
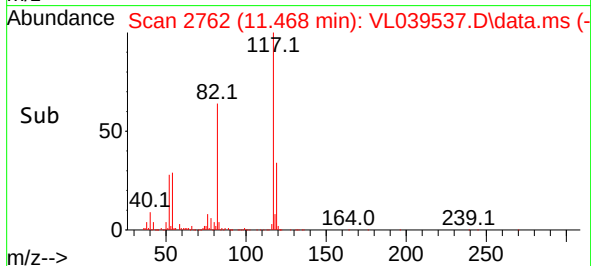
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



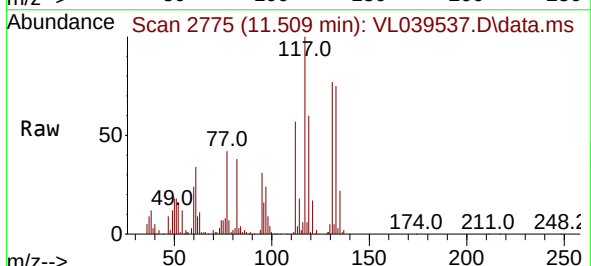
Tgt Ion:117 Resp: 2893489
Ion Ratio Lower Upper
117 100
82 60.8 49.1 73.7
119 37.1 25.9 38.9

Manual Integrations
APPROVED

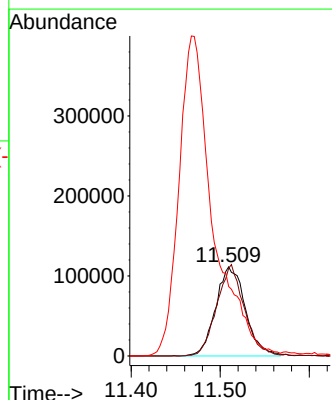
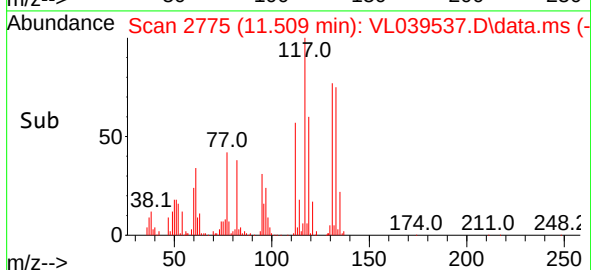
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

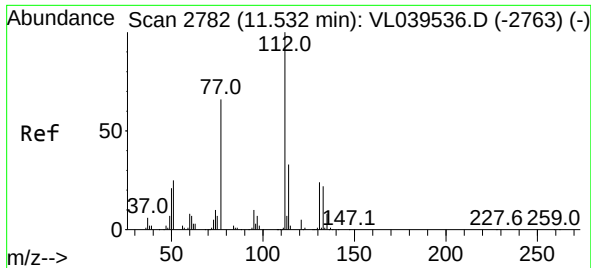


#56
1,1,1,2-Tetrachloroethane
Concen: 2.055 ppbv
RT: 11.509 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



Tgt Ion:131 Resp: 257363
Ion Ratio Lower Upper
131 100
133 95.8 75.4 113.2
119 416.7 47.4 71.2#





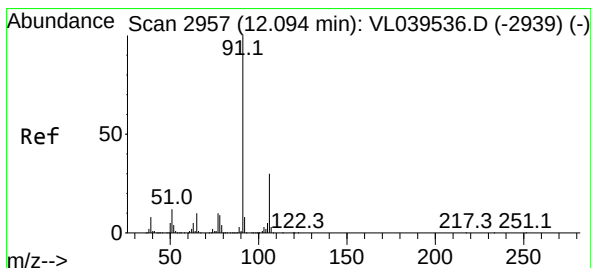
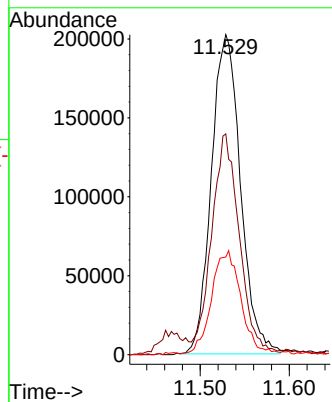
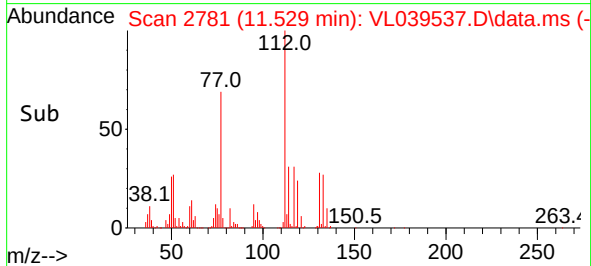
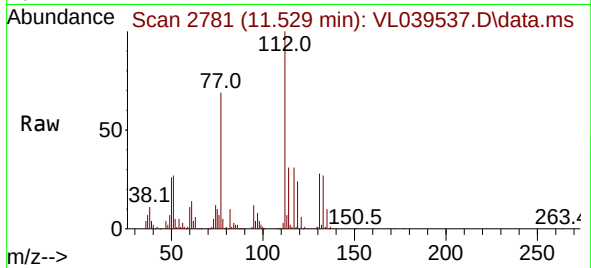
#57
Chlorobenzene
Concen: 2.088 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:112 Resp: 46032
Ion Ratio Lower Upper
112 100
77 67.9 53.4 80.0
114 30.3 29.5 36.1

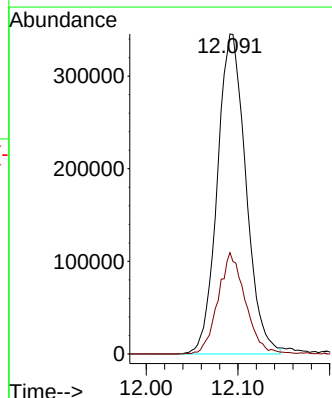
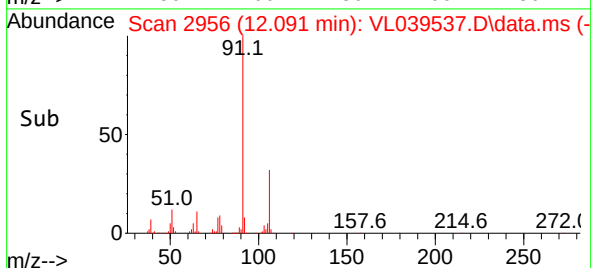
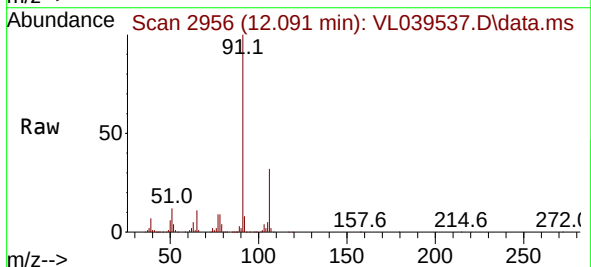
Manual Integrations
APPROVED

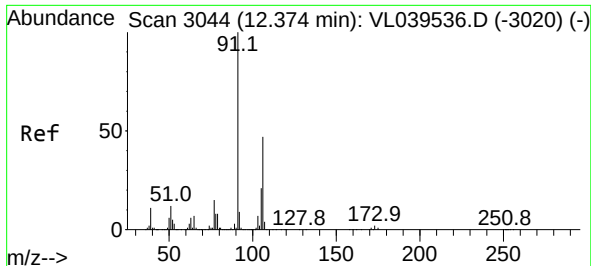
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#58
Ethyl Benzene
Concen: 2.044 ppbv
RT: 12.091 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Tgt Ion: 91 Resp: 747274
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4





#59

m/p-Xylene

Concen: 4.131 ppbv m

RT: 12.377 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VL039537.D

Acq: 17 Aug 2022 4:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 91 Resp: 132943

Ion Ratio Lower Upper

91 100

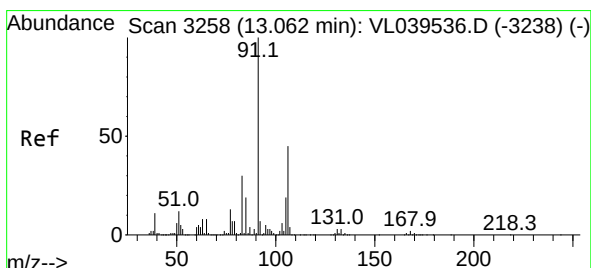
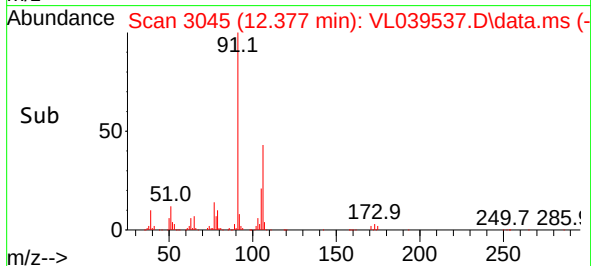
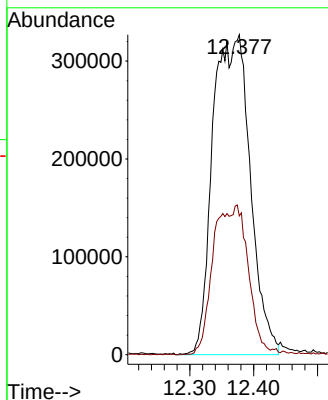
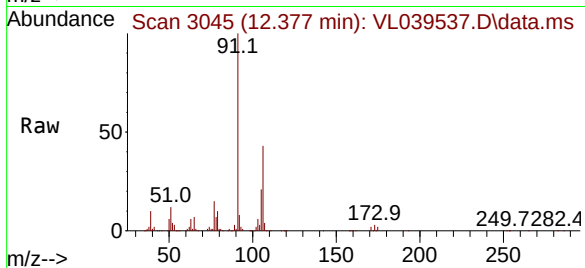
106 44.4 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#60

o-Xylene

Concen: 2.110 ppbv

RT: 13.059 min Scan# 3257

Delta R.T. -0.003 min

Lab File: VL039537.D

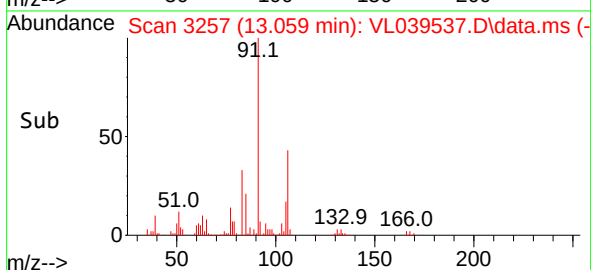
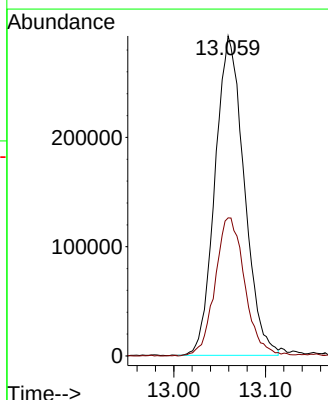
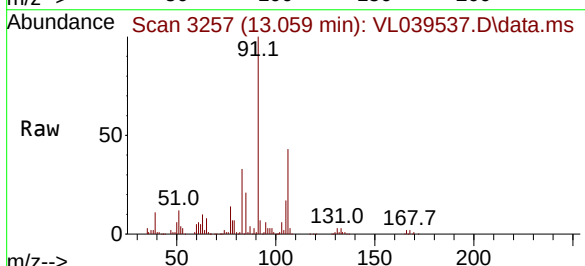
Acq: 17 Aug 2022 4:18

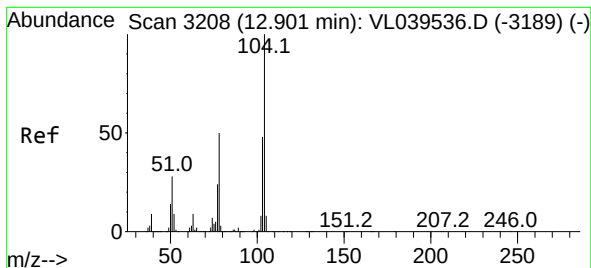
Tgt Ion: 91 Resp: 644433

Ion Ratio Lower Upper

91 100

106 44.3 22.7 68.0





#61

Styrene

Concen: 2.070 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039537.D

Acq: 17 Aug 2022 4:18

Instrument :

MSVOA_L

ClientSampleId :

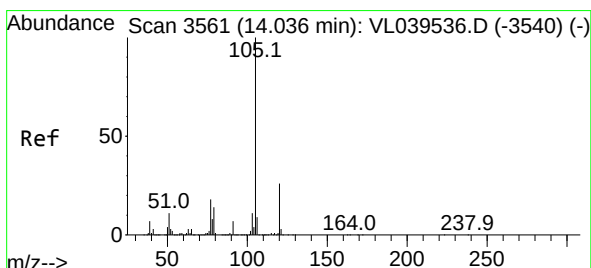
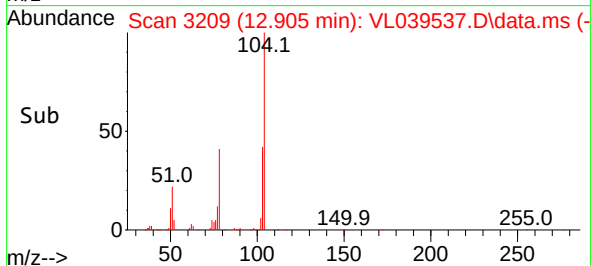
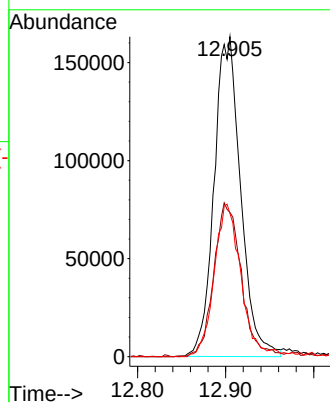
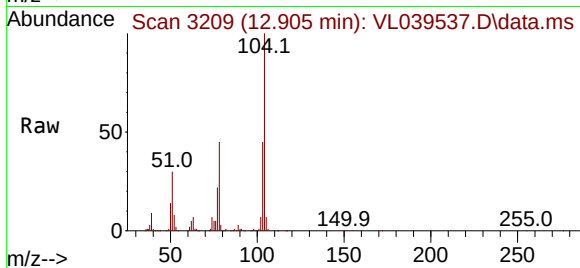
VSTDIC002

Tgt Ion:104 Resp: 34199
 Ion Ratio Lower Upper
 104 100
 78 50.5 40.0 60.0
 103 0.0 38.2 57.2

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 2.080 ppbv

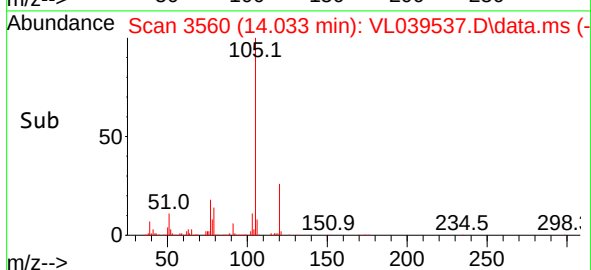
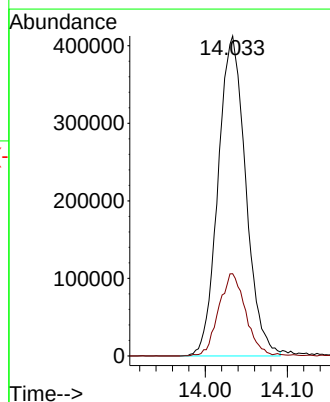
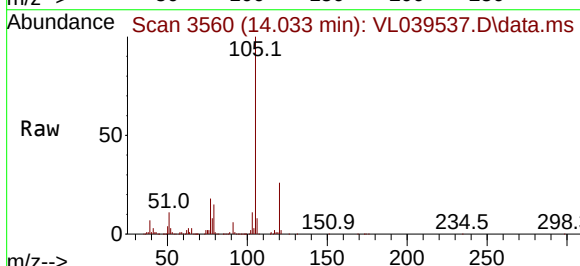
RT: 14.033 min Scan# 3560

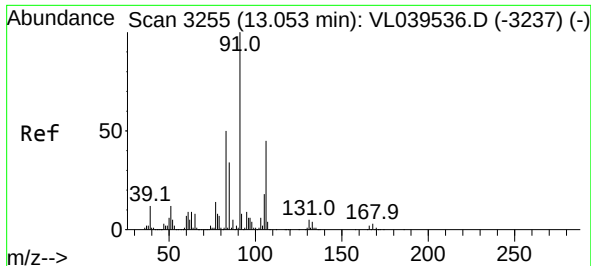
Delta R.T. -0.003 min

Lab File: VL039537.D

Acq: 17 Aug 2022 4:18

Tgt Ion:105 Resp: 966202
 Ion Ratio Lower Upper
 105 100
 120 25.3 20.6 30.8





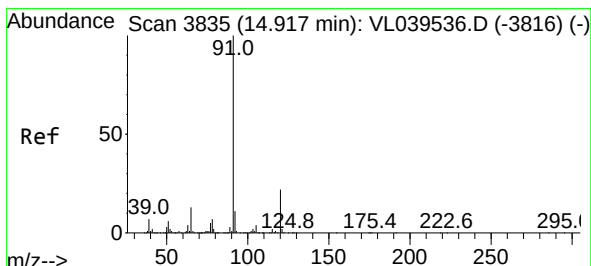
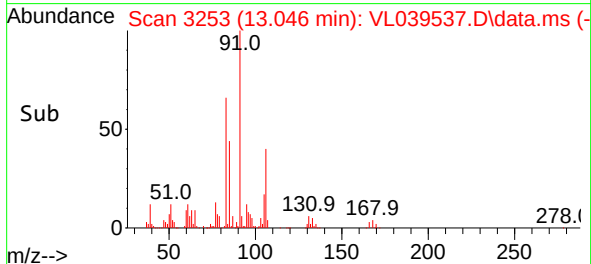
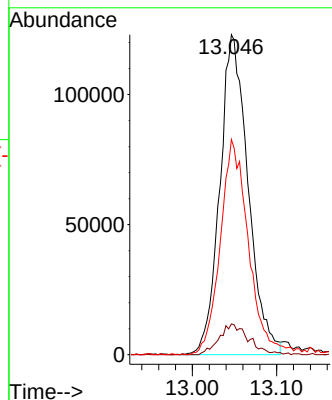
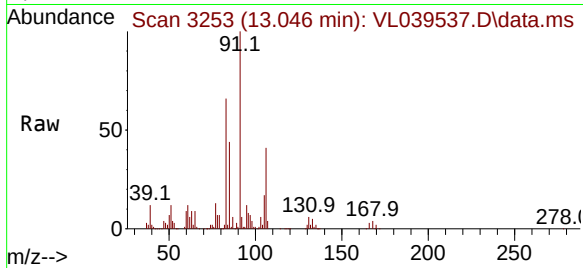
#63
1,1,2,2-Tetrachloroethane
Concen: 1.803 ppbv
RT: 13.046 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 286864
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 68.7 33.2 99.6

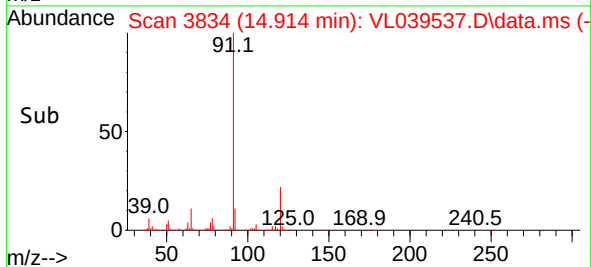
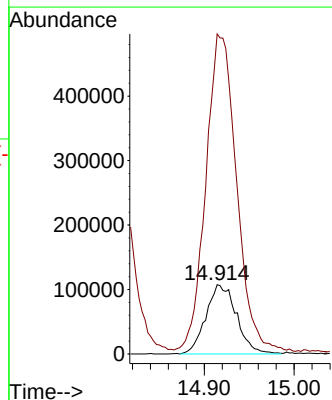
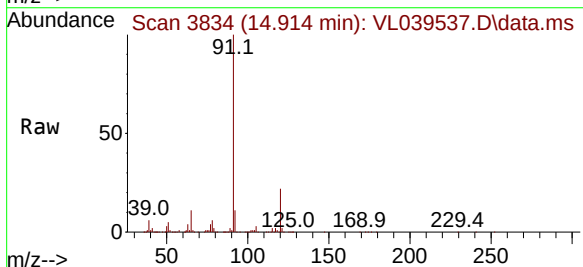
Manual Integrations
APPROVED

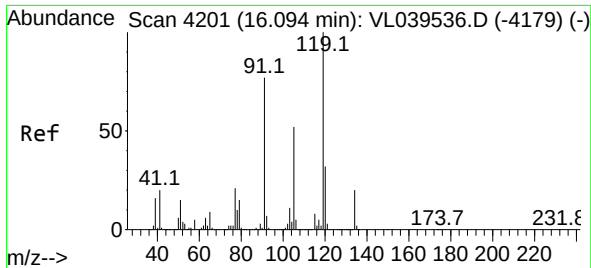
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#64
n-propylbenzene
Concen: 2.164 ppbv m
RT: 14.914 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

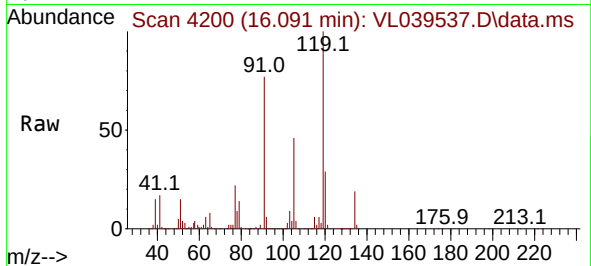
Tgt Ion:120 Resp: 254001
Ion Ratio Lower Upper
120 100
91 462.9 372.6 559.0





#65
tert-Butylbenzene
Concen: 2.105 ppbv
RT: 16.091 min Scan# 4179
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

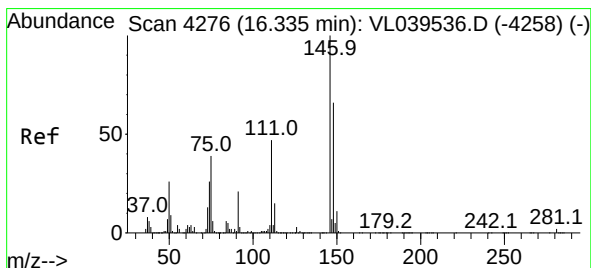
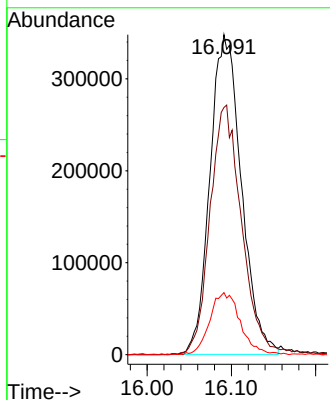
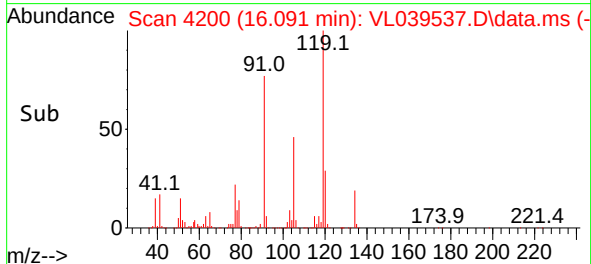
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



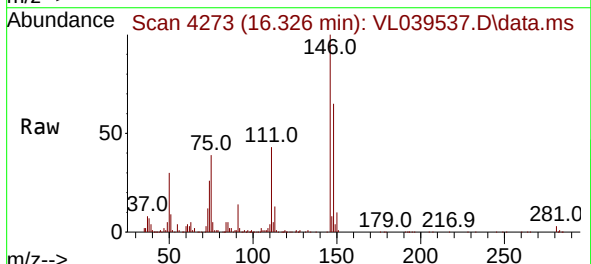
Tgt Ion: 119 Resp: 899578
Ion Ratio Lower Upper
119 100
91 79.0 63.8 95.8
134 19.0 15.4 23.2

Manual Integrations
APPROVED

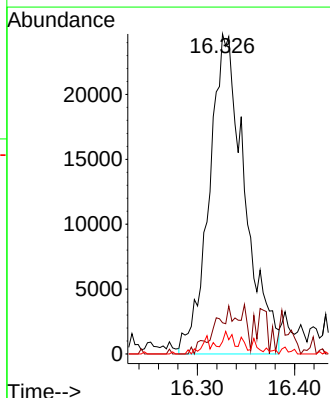
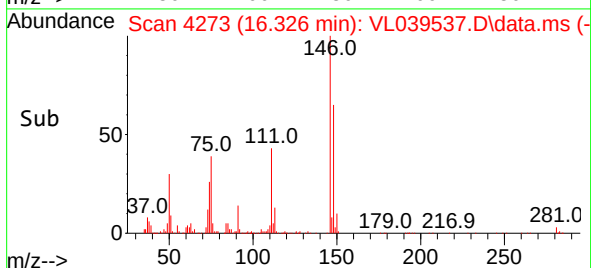
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

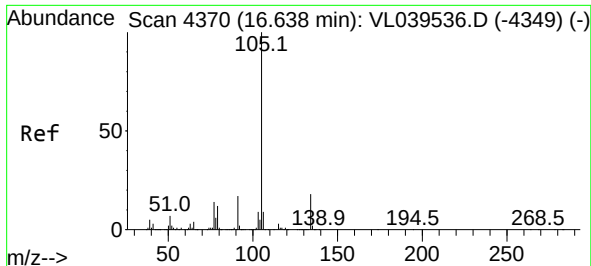


#66
Benzyl Chloride
Concen: 1.613 ppbv m
RT: 16.326 min Scan# 4273
Delta R.T. -0.009 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



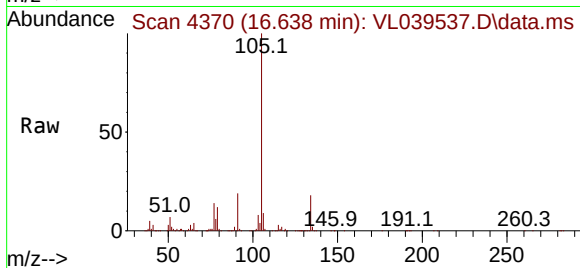
Tgt Ion: 91 Resp: 62471
Ion Ratio Lower Upper
91 100
126 13.0 0.0 0.0#
128 4.5 1.5 2.3#





#67
 sec-Butylbenzene
 Concen: 2.160 ppbv
 RT: 16.638 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

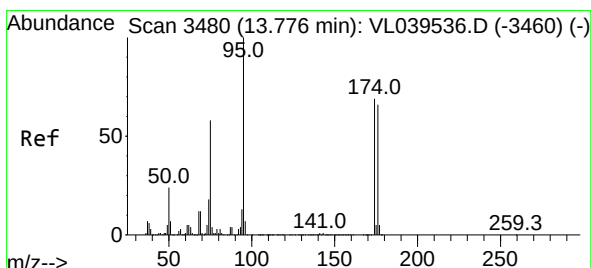
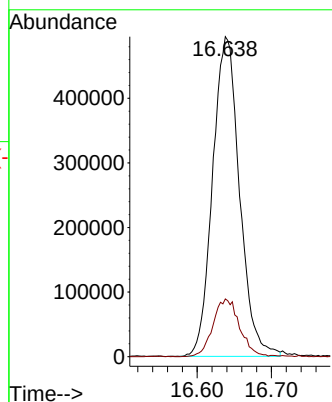
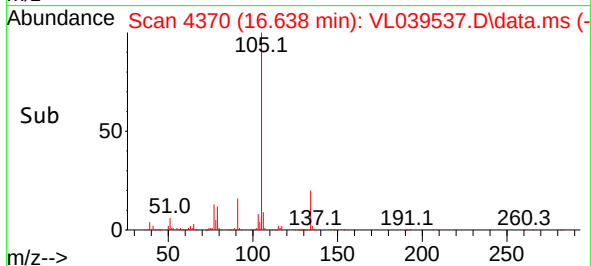
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



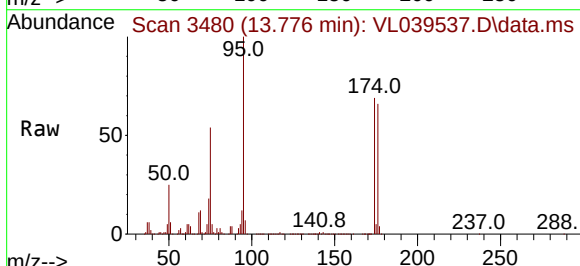
Tgt Ion:105 Resp: 1247170
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5

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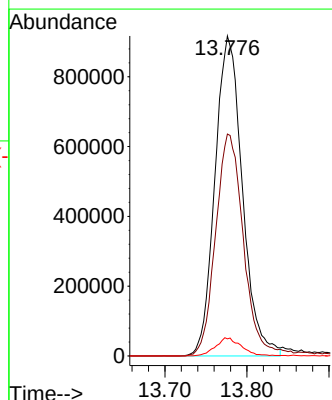
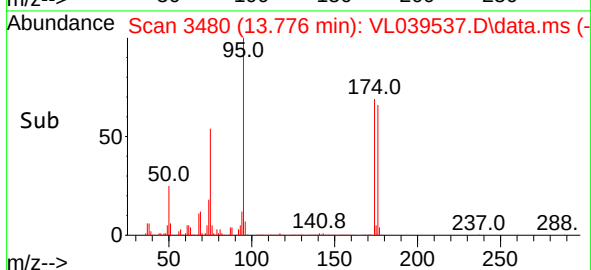
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

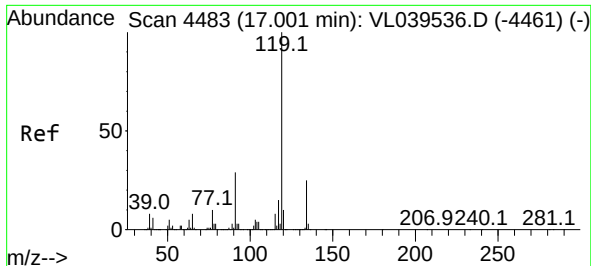


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.931 ppbv
 RT: 13.776 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18



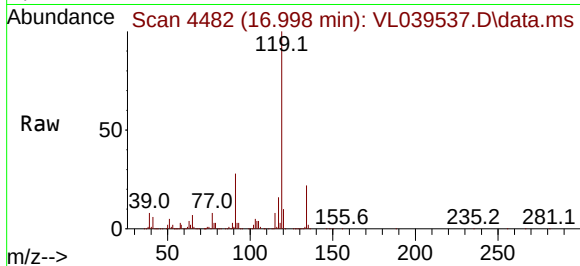
Tgt Ion: 95 Resp: 2133696
 Ion Ratio Lower Upper
 95 100
 174 72.5 56.3 84.5
 175 5.4 4.3 6.5





#69
p-Isopropyltoluene
Concen: 2.156 ppbv
RT: 16.998 min Scan# 4482
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

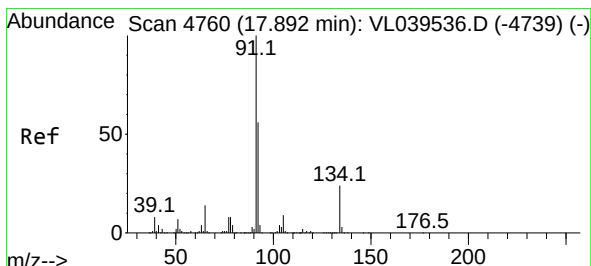
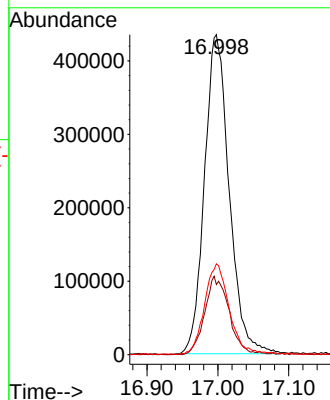
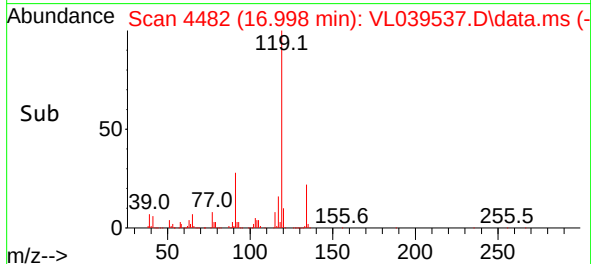
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 119 Resp: 105214
Ion Ratio Lower Upper
119 100
134 24.5 19.8 29.6
91 28.6 22.6 33.8

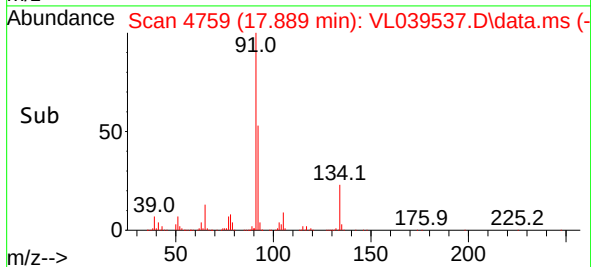
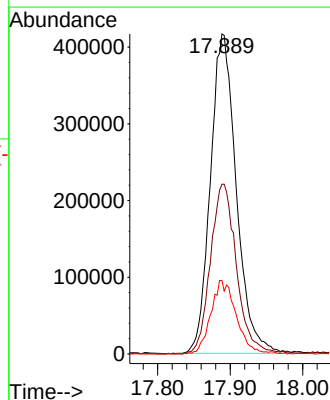
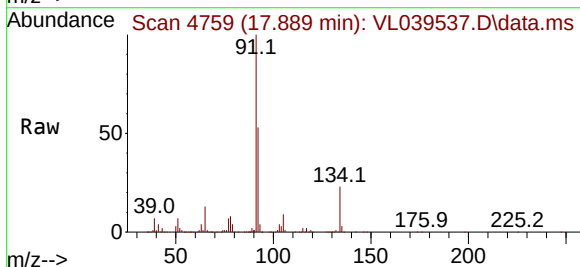
Manual Integrations
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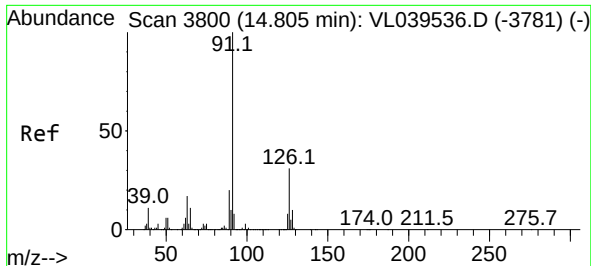
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#70
n-Butylbenzene
Concen: 2.174 ppbv
RT: 17.889 min Scan# 4759
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

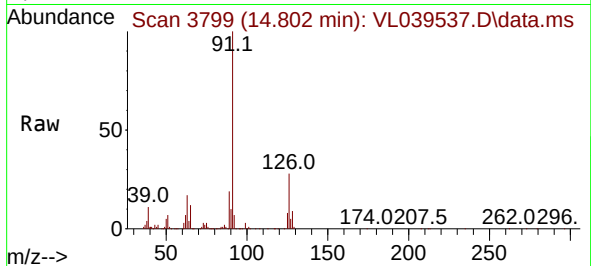
Tgt Ion: 91 Resp: 1032380
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 22.8 18.1 27.1





#71
2-Chlorotoluene
Concen: 2.132 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

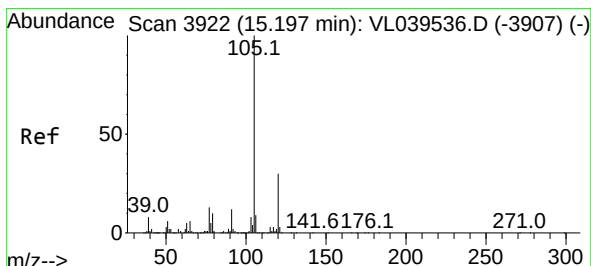
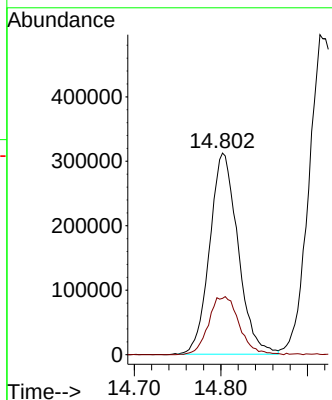
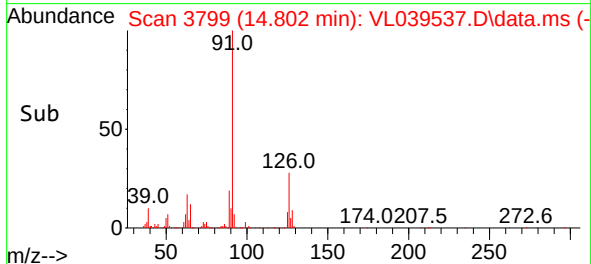
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



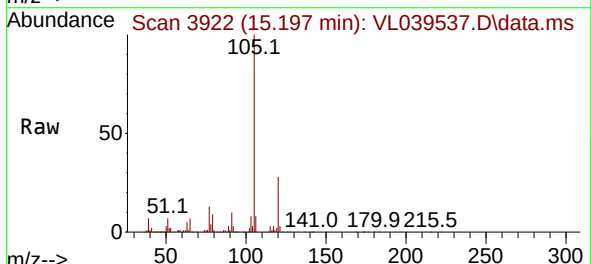
Tgt Ion: 91 Resp: 70994
Ion Ratio Lower Upper
91 100
126 31.1 12.9 51.5

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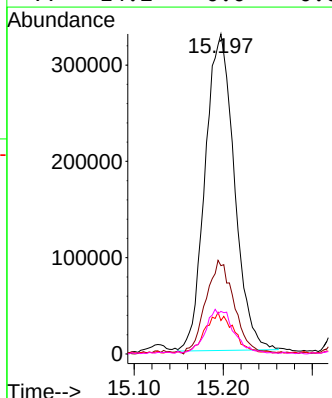
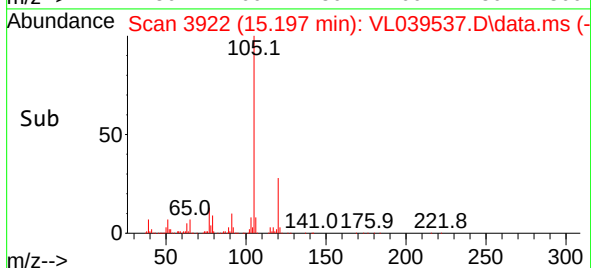
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

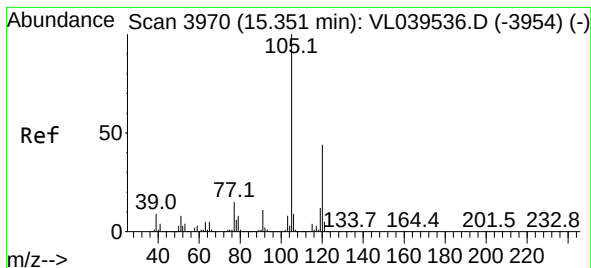


#72
4-Ethyltoluene
Concen: 2.079 ppbv
RT: 15.197 min Scan# 3922
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



Tgt Ion:105 Resp: 748336
Ion Ratio Lower Upper
105 100
120 28.5 0.0 0.0#
91 12.2 0.0 0.0#
77 14.2 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 2.059 ppbv

RT: 15.355 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL039537.D

Acq: 17 Aug 2022 4:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 67763

Ion Ratio Lower Upper

105 100

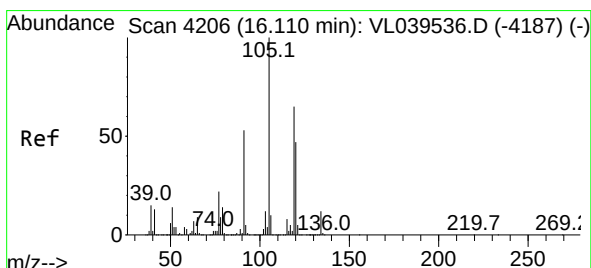
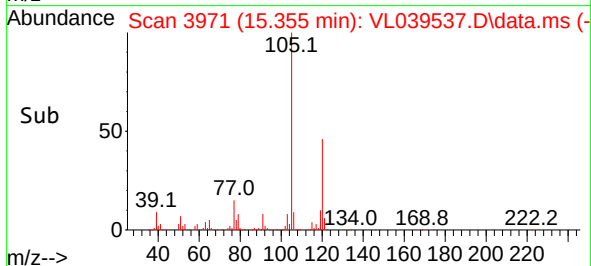
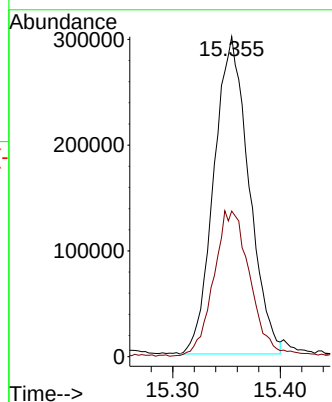
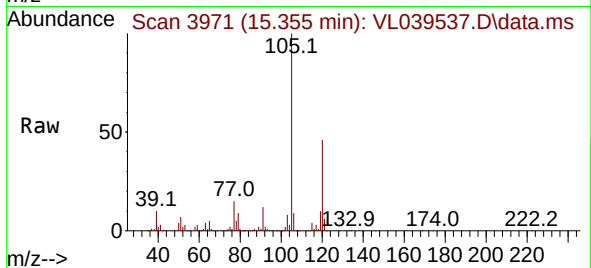
120 45.5 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.121 ppbv

RT: 16.107 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL039537.D

Acq: 17 Aug 2022 4:18

Tgt Ion:105 Resp: 769758

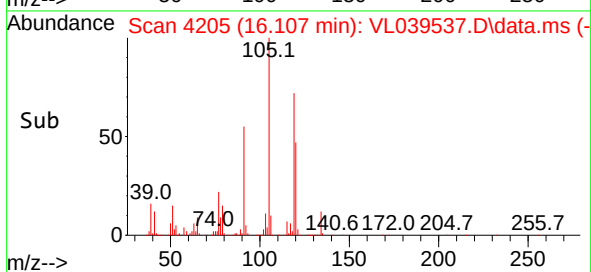
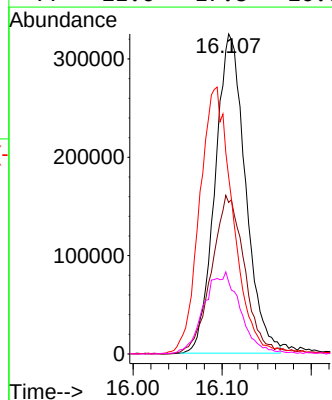
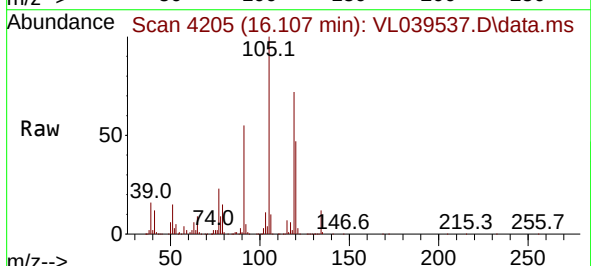
Ion Ratio Lower Upper

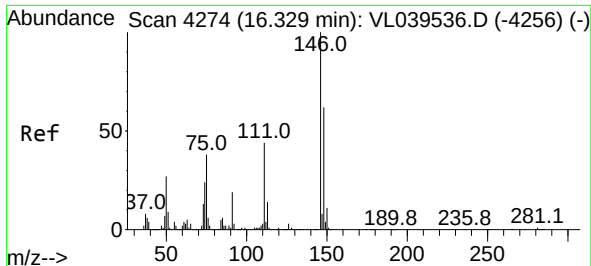
105 100

120 46.8 37.8 56.8

91 54.1 43.8 65.6

77 21.6 17.8 26.6





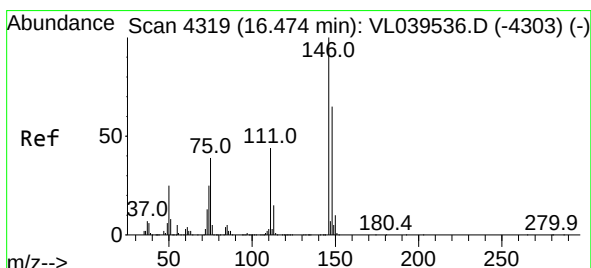
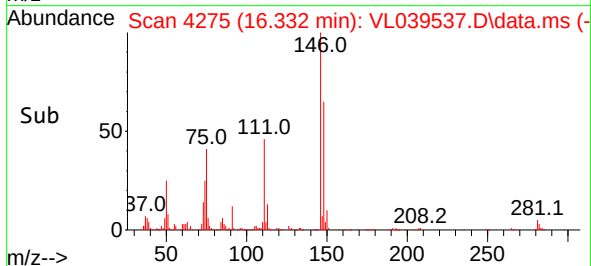
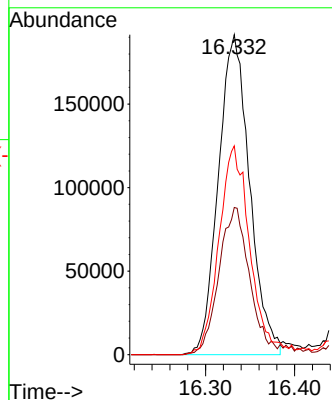
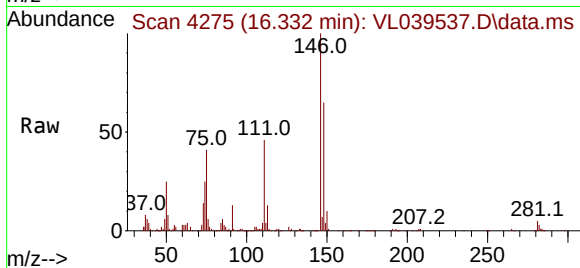
#75
1,3-Dichlorobenzene
Concen: 2.156 ppbv
RT: 16.332 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 46668
Ion Ratio Lower Upper
146 100
111 46.9 22.9 68.5
148 64.8 32.4 97.0

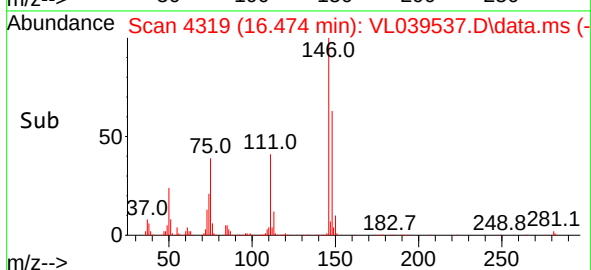
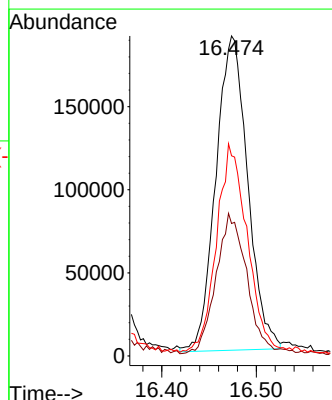
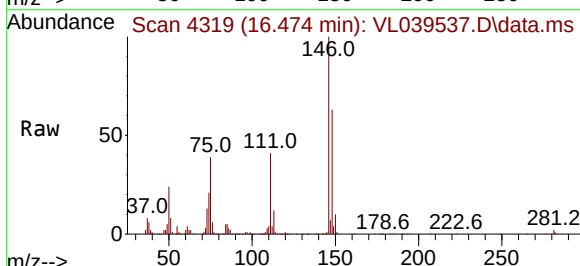
Manual Integrations
APPROVED

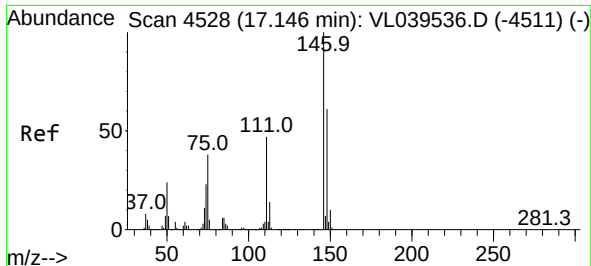
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#76
1,4-Dichlorobenzene
Concen: 2.039 ppbv
RT: 16.474 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

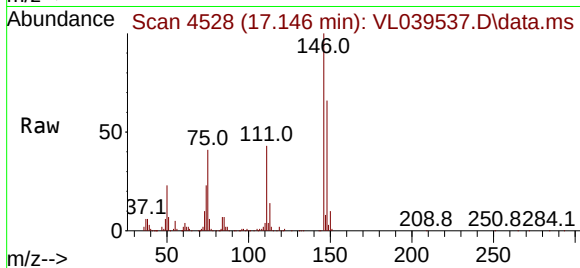
Tgt Ion:146 Resp: 442577
Ion Ratio Lower Upper
146 100
111 46.1 22.3 66.8
148 70.0 31.5 94.5





#77
1,2-Dichlorobenzene
Concen: 2.100 ppbv
RT: 17.146 min Scan# 4528
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

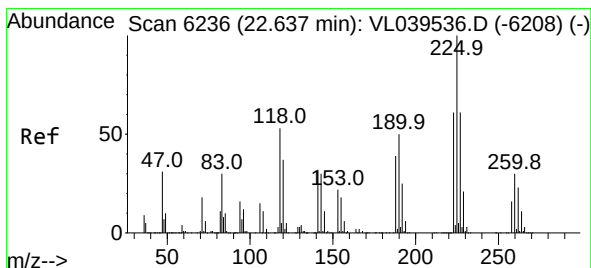
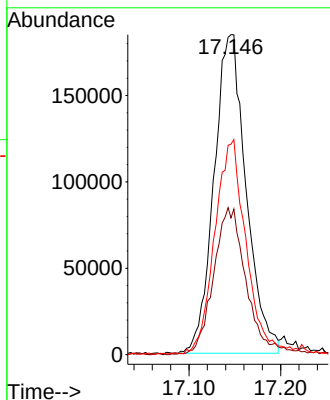
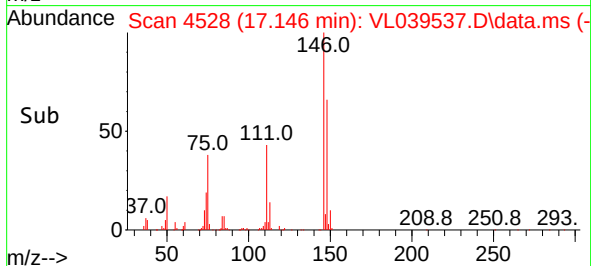
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



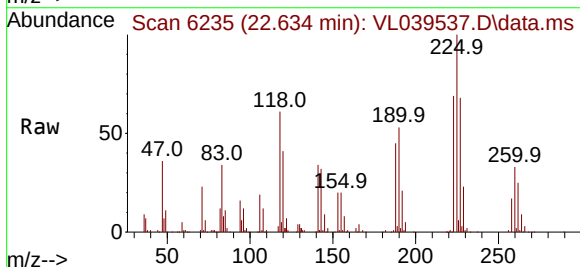
Tgt Ion:146 Resp: 449620
Ion Ratio Lower Upper
146 100
111 47.0 23.9 71.8
148 66.9 32.6 97.7

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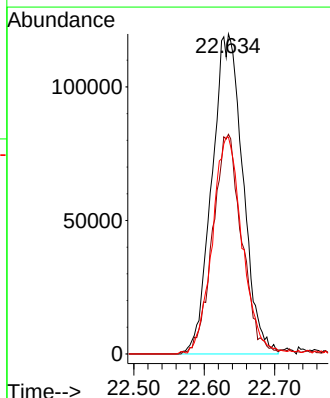
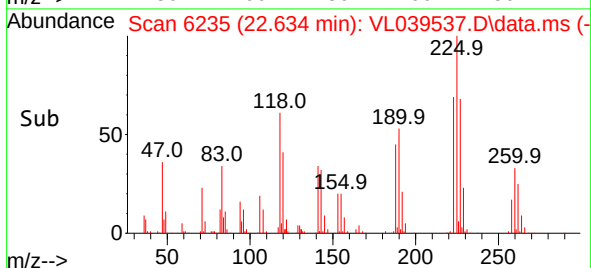
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

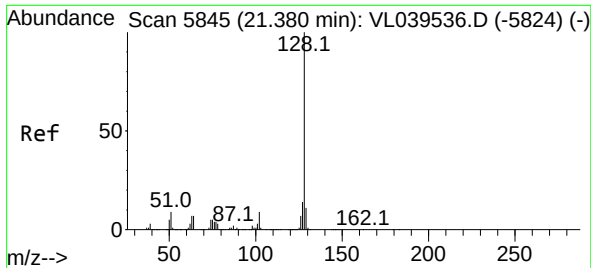


#78
Hexachloro-1,3-Butadiene
Concen: 2.116 ppbv m
RT: 22.634 min Scan# 6235
Delta R.T. -0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



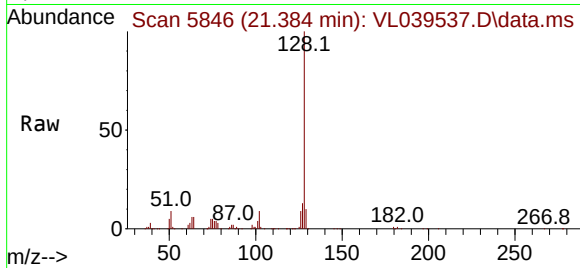
Tgt Ion:225 Resp: 367033
Ion Ratio Lower Upper
225 100
223 65.7 0.0 0.0#
227 66.1 0.0 0.0#





#79
Naphthalene
Concen: 2.472 ppbv
RT: 21.384 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18

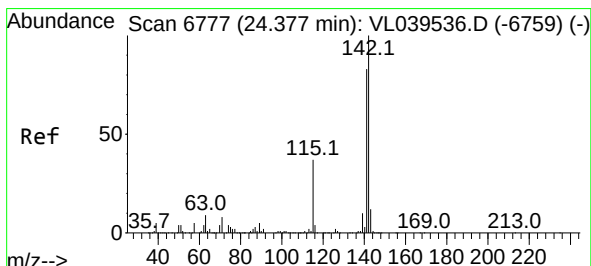
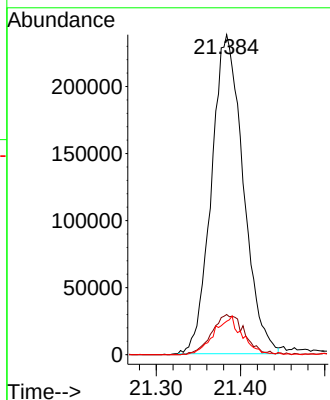
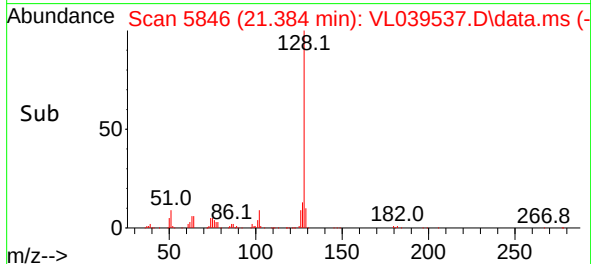
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



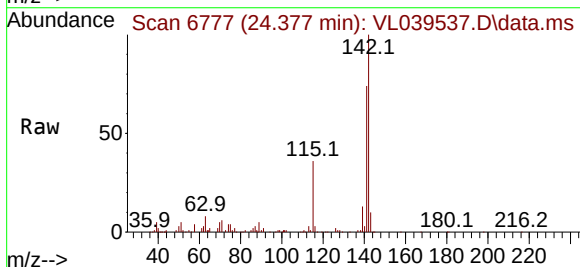
Tgt Ion:128 Resp: 622690
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 10.5 9.1 13.7

Manual Integrations
APPROVED

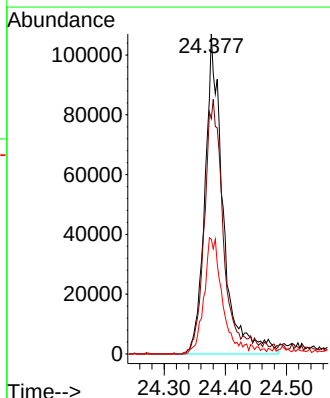
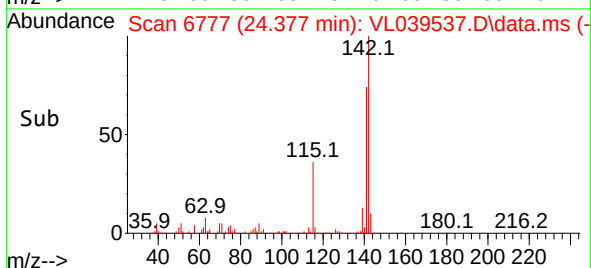
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

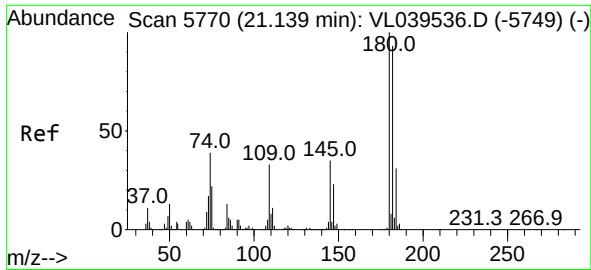


#80
Naphthalene,2-methyl-
Concen: 2.456 ppbv
RT: 24.377 min Scan# 6777
Delta R.T. 0.000 min
Lab File: VL039537.D
Acq: 17 Aug 2022 4:18



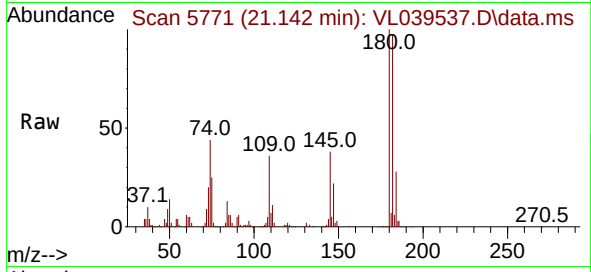
Tgt Ion:142 Resp: 221190
Ion Ratio Lower Upper
142 100
141 87.2 0.0 0.0#
115 38.0 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 2.284 ppbv
 RT: 21.142 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL039537.D
 Acq: 17 Aug 2022 4:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180	Resp:	373330
Ion Ratio	Lower	Upper
180	100	
182	96.3	0.0 0.0
184	30.1	0.0 0.0

Manual Integrations
 APPROVED

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

