

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039282.D
 Acq On : 14 Jun 2022 15:07
 Operator : SY/AP
 Sample : VL0614ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:19:18 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 03:19:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1274002	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3534497	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3384006m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2697222 9.641 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	1854468	8.287	ppbv	98
3) Chlorodifluoromethane	2.996	51	1371927	8.463	ppbv	100
4) Chloromethane	3.147	50	749563	9.002	ppbv	99
5) Vinyl Chloride	3.266	62	733557	9.424	ppbv	98
6) Bromomethane	3.481	94	337725	8.820	ppbv	99
7) Chloroethane	3.568	64	285761	10.536	ppbv	94
8) Dichlorotetrafluoroethane	3.195	85	1835153	8.973	ppbv	95
9) Propene	3.015	41	570474	8.071	ppbv	100
10) Heptane	8.127	43	1522437	9.233	ppbv	100
11) Trichlorofluoromethane	3.957	101	1873685	9.250	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.491	101	1353911	10.107	ppbv	99
13) Ethanol	3.610	45	40072m	10.396	ppbv	
14) Bromoethene	3.745	108	586697	9.743	ppbv	97
15) Acetone	3.851	43	1329415	10.017	ppbv	99
16) 1,3-Butadiene	3.337	39	723984	10.148	ppbv	95
17) tert-Butyl alcohol	4.288	59	1168386	11.351	ppbv	98
18) 1,1-Dichloroethene	4.295	96	612837	10.199	ppbv	88
19) Isopropyl Alcohol	3.967	45	680331	10.930	ppbv	99
20) Methylene Chloride	4.353	84	511724	9.150	ppbv	93
21) Allyl Chloride	4.417	41	970915	10.845	ppbv	98
22) trans-1,2-Dichloroethene	4.893	96	619410	10.713	ppbv	97
23) Vinyl Acetate	5.076	43	1091052	9.937	ppbv	99
24) 1,1-Dichloroethane	5.015	63	1297629	8.625	ppbv	99
25) Ethyl Acetate	5.681	43	2728771	9.123	ppbv	99
26) Hexane	5.693	57	1188180	9.039	ppbv	98
27) Carbon Disulfide	4.555	76	1494200	10.968	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1242129	8.560	ppbv	98
29) Chloroform	5.758	83	1929353	8.723	ppbv	97
30) Cyclohexane	7.134	84	1011900	9.164	ppbv	98
31) cis-1,2-Dichloroethene	5.555	61	1189561	8.875	ppbv	97
32) 1,1,1-Trichloroethane	6.517	97	1974565	9.123	ppbv	99
34) 2-Butanone	5.247	43	1619827	8.436	ppbv	99
35) Carbon Tetrachloride	7.021	117	2091630	8.108	ppbv	98
36) Benzene	6.896	78	2428306	8.463	ppbv	98
37) 1,2-Dichloroethane	6.311	62	1496702	7.925	ppbv	98
38) Trichloroethene	7.841	130	1251600	9.496	ppbv	93
39) 1,2-Dichloropropane	7.619	63	899914	7.885	ppbv	96
40) 1,4-Dioxane	7.832	88	351607	9.357	ppbv	79
41) Tetrahydrofuran	6.054	42	918978	7.957	ppbv	98
42) Bromodichloromethane	7.796	83	2081166	7.941	ppbv	99
43) Methyl Methacrylate	8.018	69	985327	8.815	ppbv	98
44) 2,2,4-Trimethylpentane	7.873	57	4123434	8.214	ppbv	98
45) t-1,3-Dichloropropene	9.282	75	983083	8.445	ppbv	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

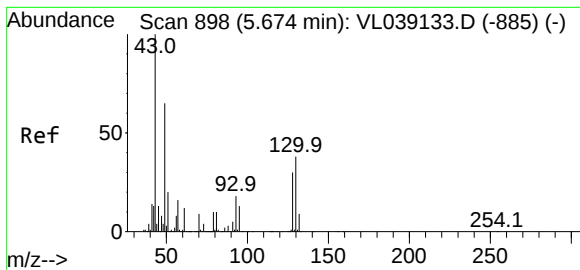
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

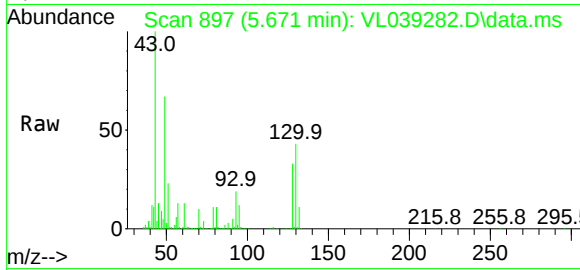
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1285147	8.357	ppbv	98
47) 1,1,2-Trichloroethane	9.481	97	1020410	8.569	ppbv	98
48) Dibromochloromethane	10.311	129	1839096	8.650	ppbv	99
49) Bromoform	13.040	173	1531160	8.641	ppbv	99
50) 4-Methyl-2-Pentanone	8.742	43	2557797	8.899	ppbv	99
51) 2-Hexanone	10.134	43	1926725	8.615	ppbv #	97
52) Tetrachloroethene	11.227	164	961834	8.585	ppbv	96
53) Toluene	9.812	91	2953775	8.939	ppbv	100
54) 1,2-Dibromoethane	10.613	107	1386308	8.664	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.124	131	1334372	8.333	ppbv	100
57) Chlorobenzene	12.150	112	2243739	8.812	ppbv	94
58) Ethyl Benzene	12.712	91	3962618	8.501	ppbv	98
59) m/p-Xylene	12.995	91	6909210m	16.832	ppbv	
60) o-Xylene	13.693	91	3277434	8.497	ppbv	98
61) Styrene	13.529	104	1962927	9.504	ppbv	96
62) Isopropylbenzene	14.667	105	4938898	8.615	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.677	83	1640440	7.577	ppbv	99
64) n-propylbenzene	15.564	120	1292345	9.170	ppbv	89
65) tert-Butylbenzene	16.744	119	4548534	8.677	ppbv	96
66) Benzyl Chloride	16.989	91	463252	6.796	ppbv	100
67) sec-Butylbenzene	17.294	105	6179017	8.639	ppbv	98
69) p-Isopropyltoluene	17.651	119	5361958	8.885	ppbv	98
70) n-Butylbenzene	18.548	91	5252072	8.479	ppbv	99
71) 2-Chlorotoluene	15.455	91	3618751	8.278	ppbv	97
72) 4-Ethyltoluene	15.838	105	4043237	8.944	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	3682517	9.032	ppbv	99
74) 1,2,4-Trimethylbenzene	16.764	105	3943377	8.667	ppbv #	91
75) 1,3-Dichlorobenzene	16.995	146	2318058	9.001	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	2230237	8.679	ppbv	99
77) 1,2-Dichlorobenzene	17.815	146	2243915	8.645	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	1712411	7.214	ppbv	99
79) Naphthalene	22.191	128	3299738	9.421	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	1007171	7.739	ppbv	97
81) 1,2,4-Trichlorobenzene	21.921	180	1927947	8.688	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039282.D
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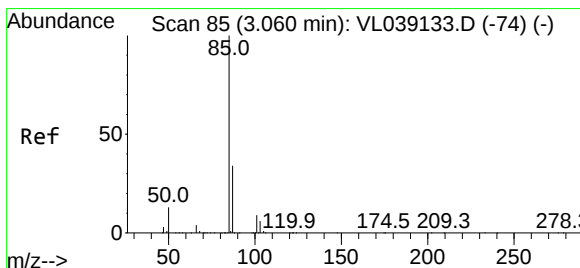
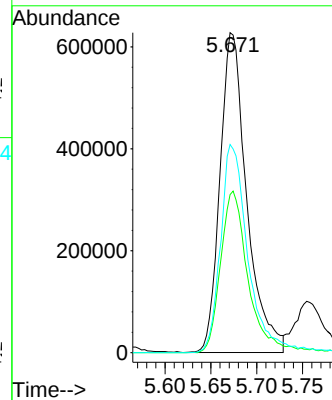
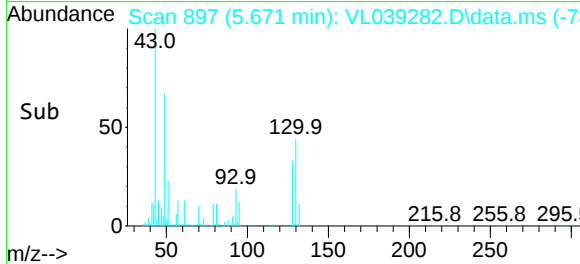
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 49 Resp: 1274002
Ion Ratio Lower Upper
49 100
128 53.5 24.7 74.1
130 68.3 31.4 94.0

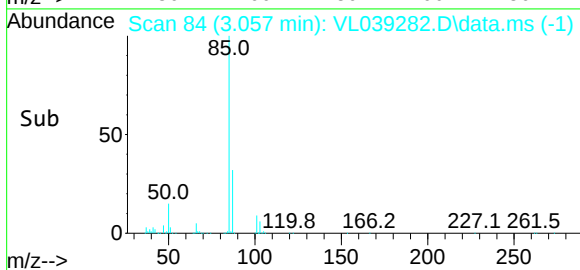
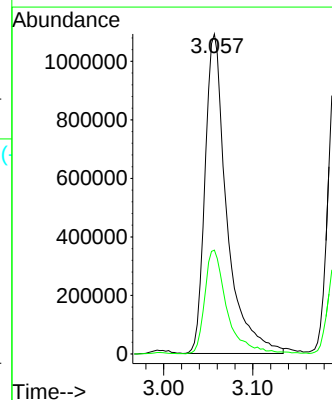
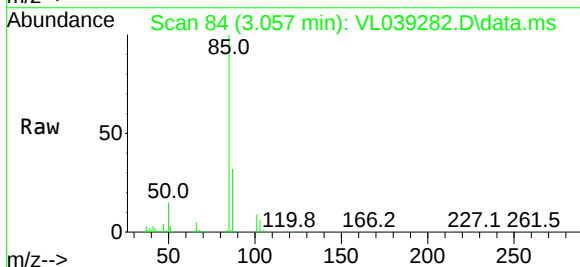
Manual Integrations
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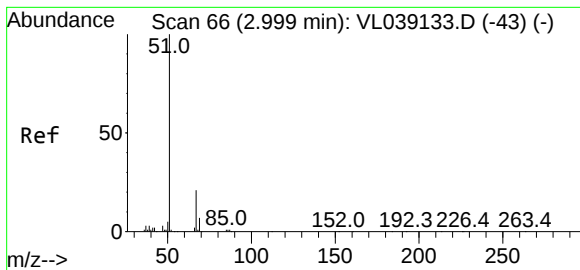
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 8.287 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 85 Resp: 1854468
Ion Ratio Lower Upper
85 100
87 32.4 26.9 40.3





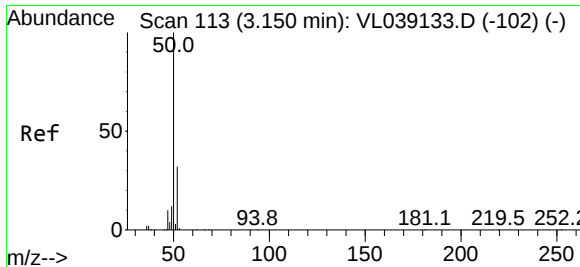
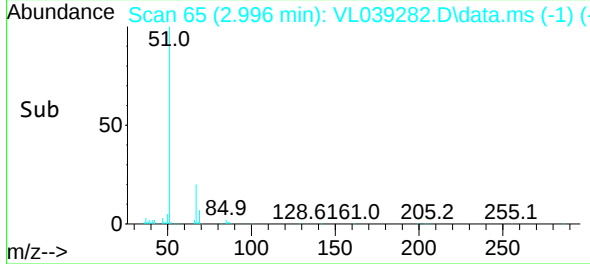
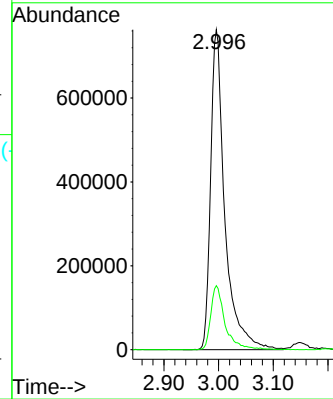
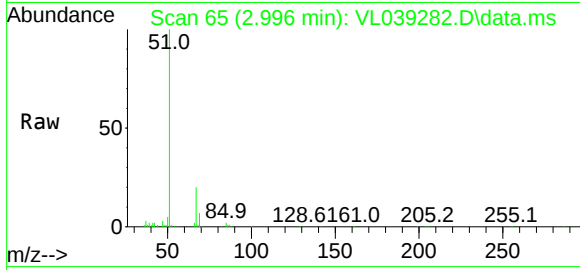
#3
Chlorodifluoromethane
Concen: 8.463 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01

Tgt Ion: 51 Resp: 137192
Ion Ratio Lower Upper
51 100
67 20.3 16.2 24.4

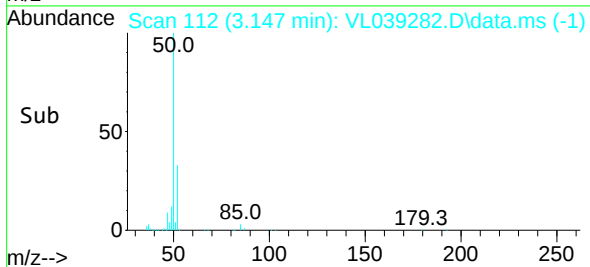
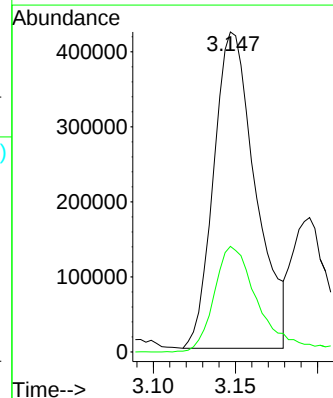
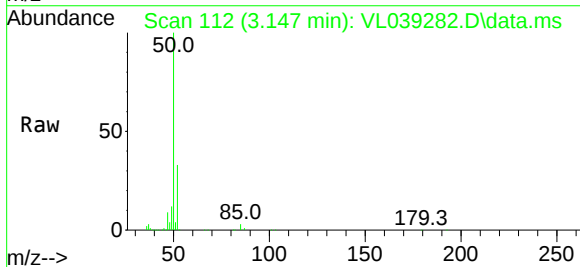
Manual Integrations
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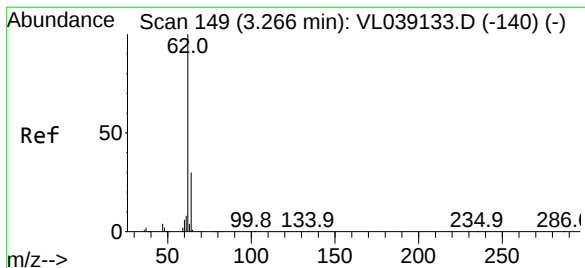
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#4
Chloromethane
Concen: 9.002 ppbv
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 50 Resp: 749563
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9





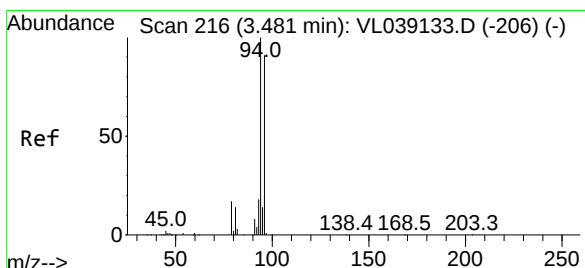
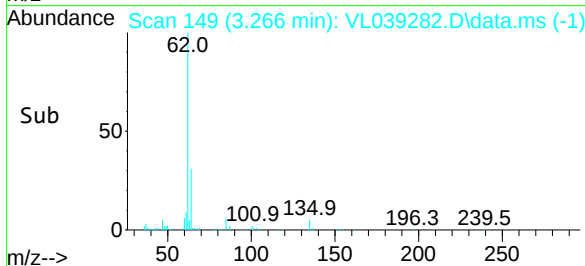
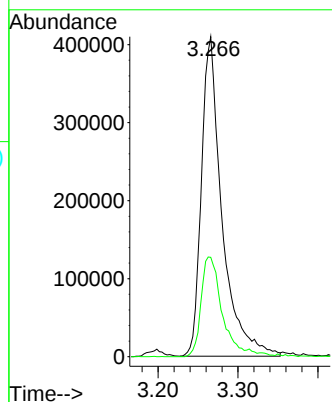
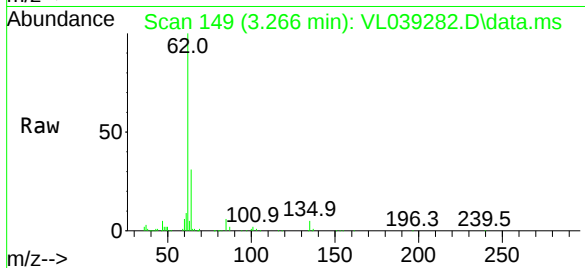
#5
 Vinyl Chloride
 Concen: 9.424 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01

Tgt Ion: 62 Resp: 73355
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.2 36.2

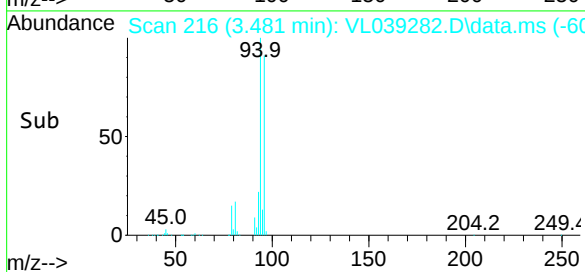
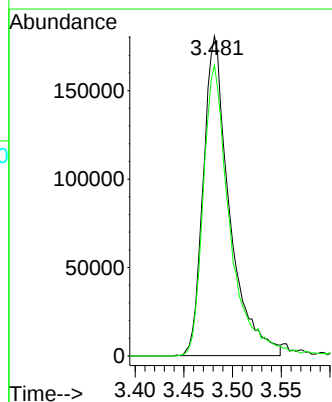
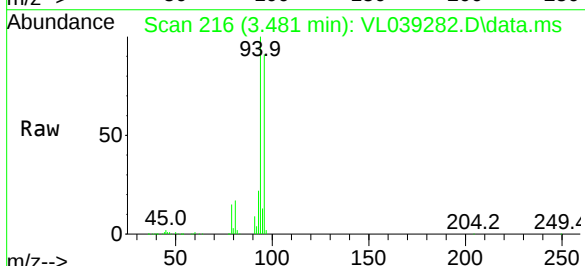
Manual Integrations
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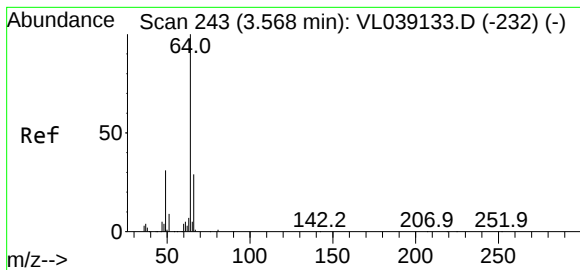
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#6
 Bromomethane
 Concen: 8.820 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

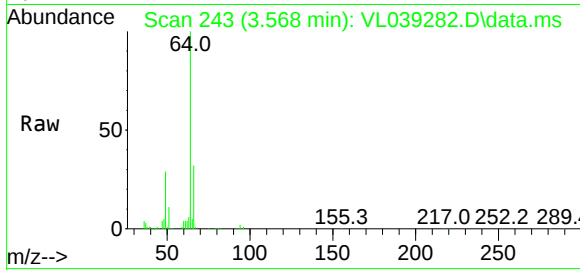
Tgt Ion: 94 Resp: 337725
 Ion Ratio Lower Upper
 94 100
 96 90.7 73.0 109.4





#7
Chloroethane
Concen: 10.536 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

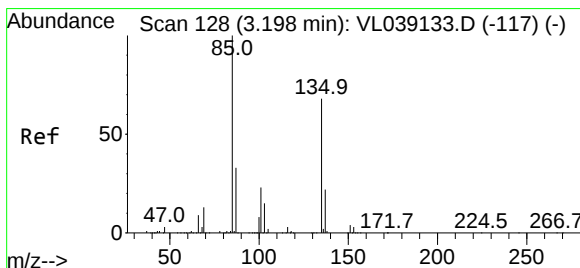
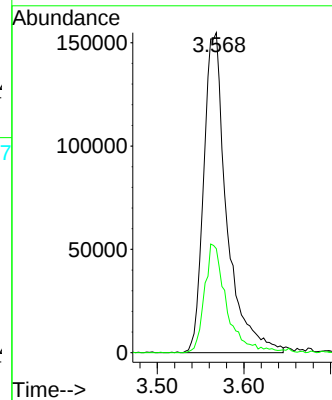
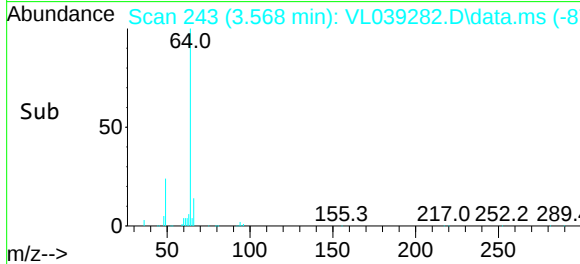
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



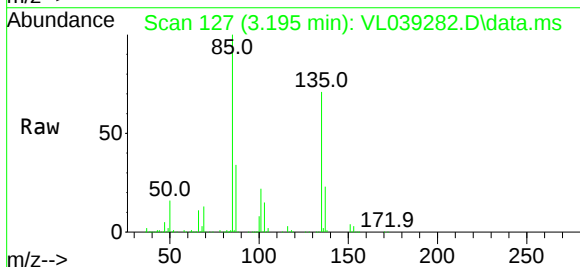
Tgt Ion: 64 Resp: 28576
Ion Ratio Lower Upper
64 100
66 32.5 23.6 35.4

Manual Integrations
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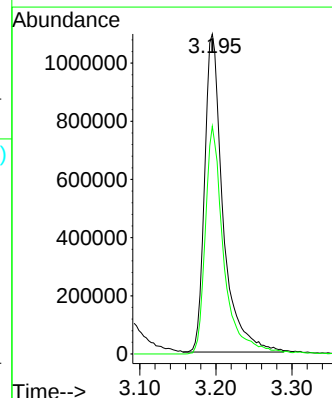
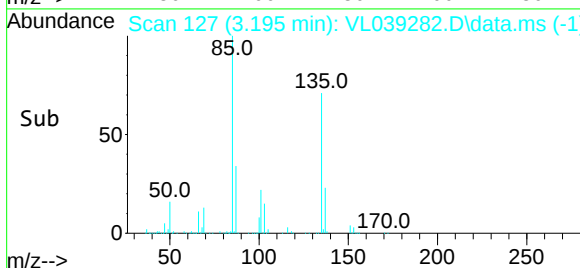
Reviewed By :Semsettin Yesilyurt 06/16/2022
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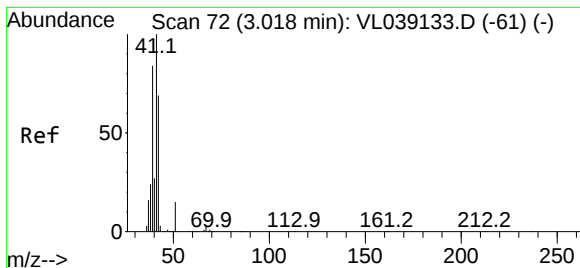


#8
Dichlorotetrafluoroethane
Concen: 8.973 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



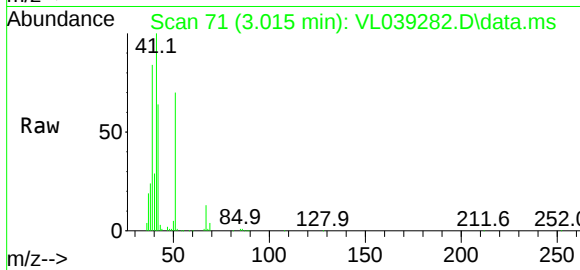
Tgt Ion: 85 Resp: 1835153
Ion Ratio Lower Upper
85 100
135 72.6 55.0 82.4





#9
 Propene
 Concen: 8.071 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

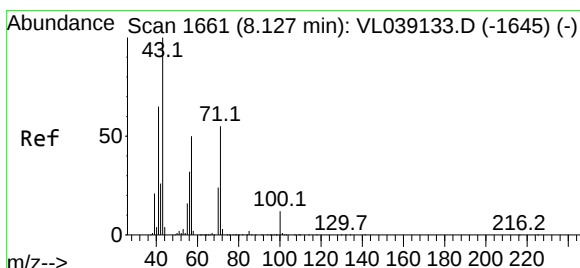
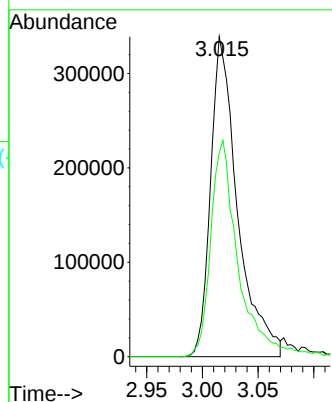
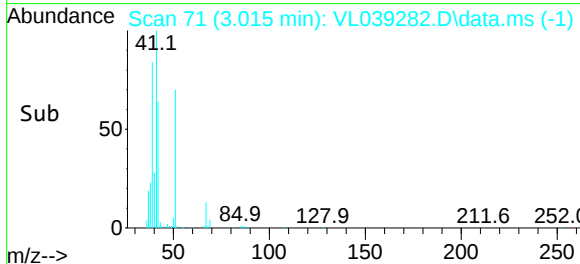
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01



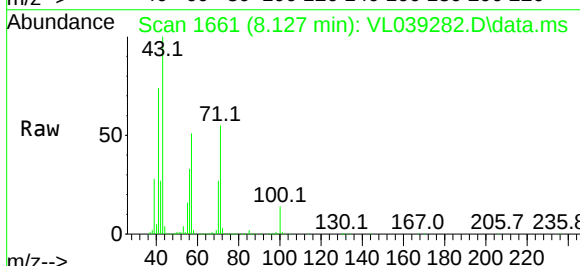
Tgt Ion: 41 Resp: 570474
 Ion Ratio Lower Upper
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 42 69.6 55.4 83.2

Manual Integrations
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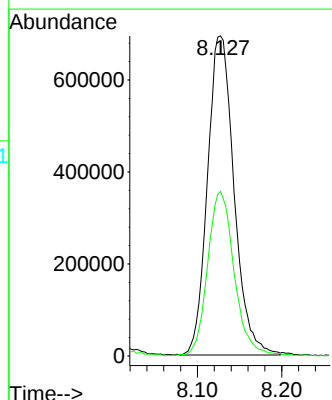
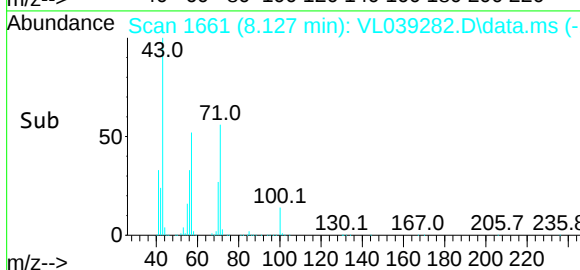
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

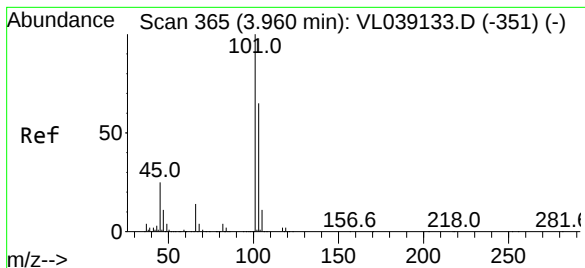


#10
 Heptane
 Concen: 9.233 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07



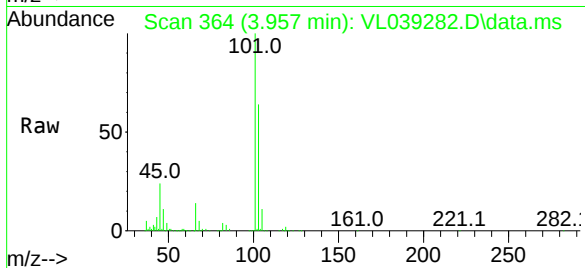
Tgt Ion: 43 Resp: 1522437
 Ion Ratio Lower Upper
 43 100
 57 51.5 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.250 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

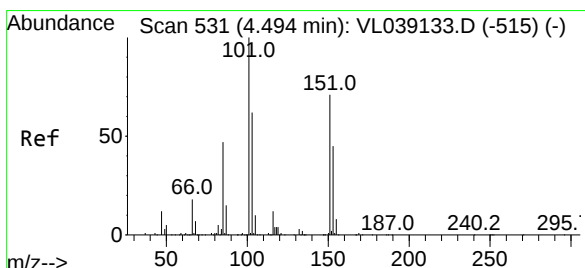
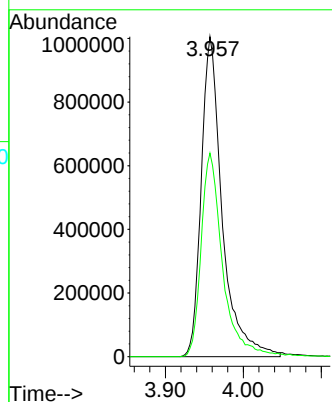
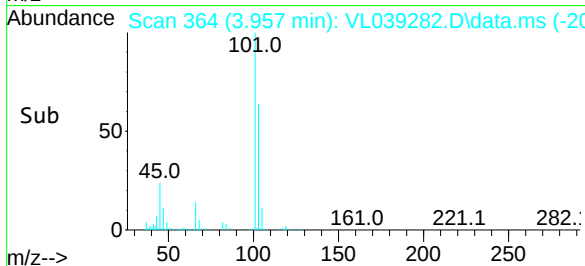
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



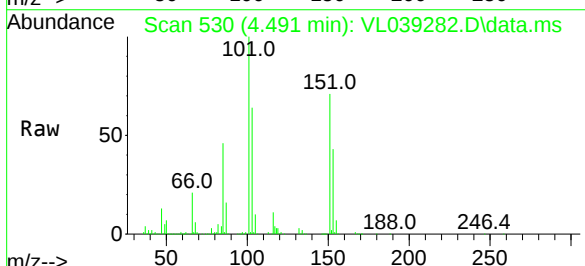
Tgt Ion:101 Resp: 187368
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

Manual Integrations
APPROVED

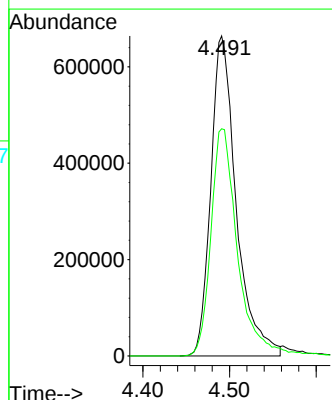
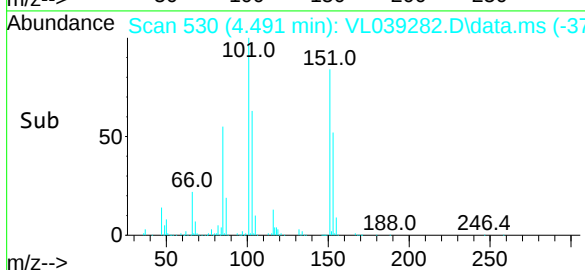
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

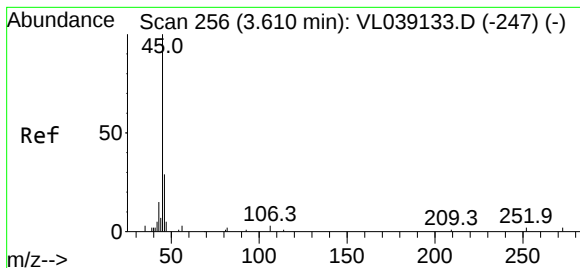


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.107 ppbv
RT: 4.491 min Scan# 530
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



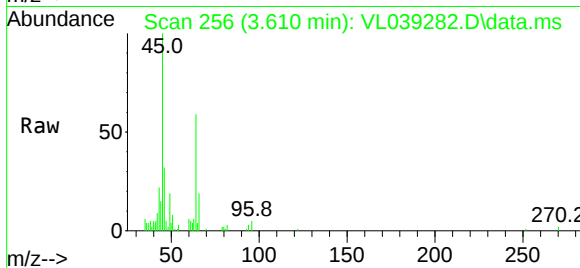
Tgt Ion:101 Resp: 1353911
Ion Ratio Lower Upper
101 100
151 75.1 59.4 89.0





#13
Ethanol
Concen: 10.396 ppbv m
RT: 3.610 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

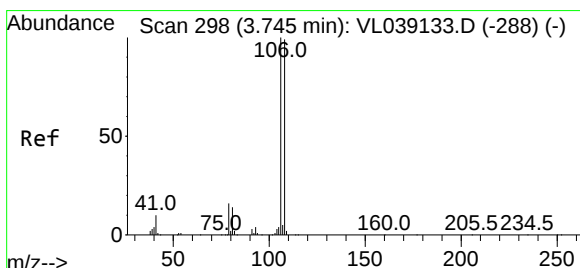
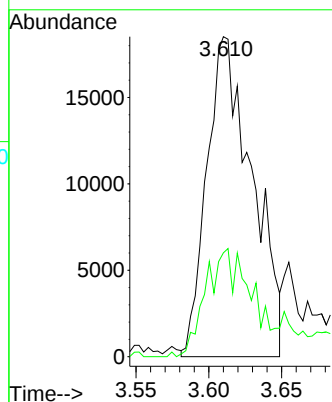
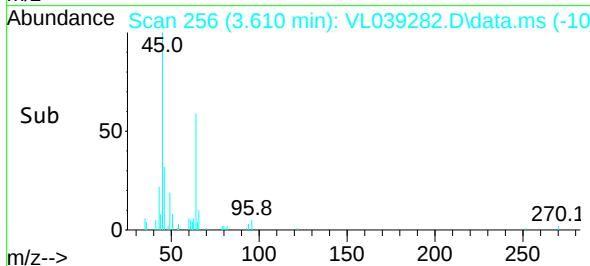
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



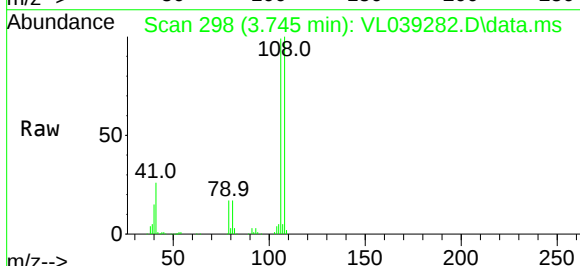
Tgt Ion: 45 Resp: 40072
Ion Ratio Lower Upper
45 100
46 46.5 0.0 0.0

Manual Integrations
APPROVED

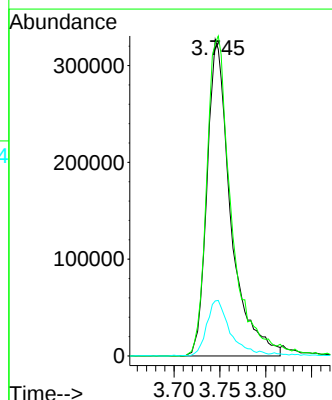
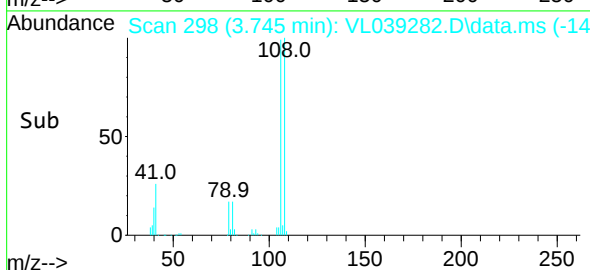
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

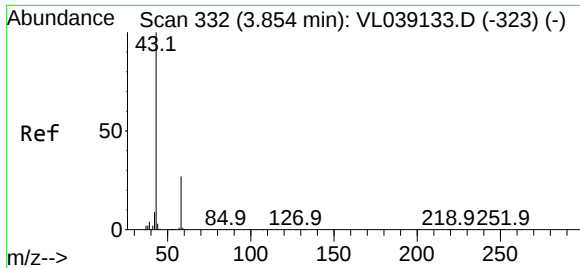


#14
Bromoethene
Concen: 9.743 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion:108 Resp: 586697
Ion Ratio Lower Upper
108 100
106 108.1 88.4 132.6
79 18.6 13.4 20.2





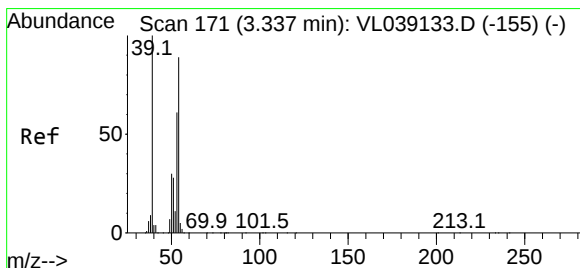
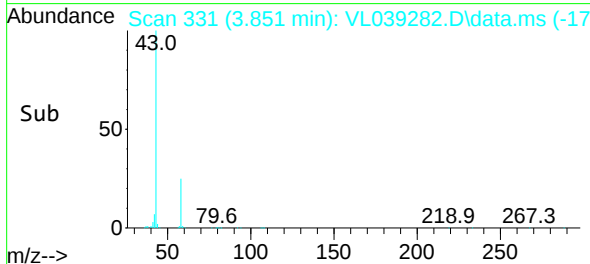
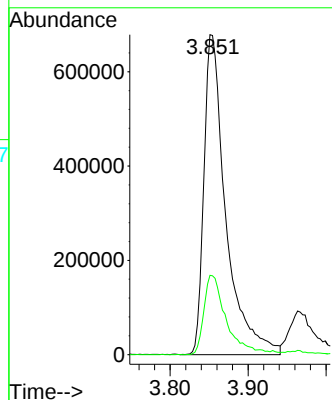
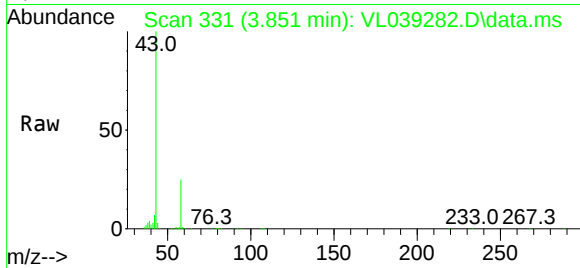
#15
Acetone
Concen: 10.017 ppbv
RT: 3.851 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01

Tgt Ion: 43 Resp: 132941
Ion Ratio Lower Upper
43 100
58 27.6 22.5 33.7

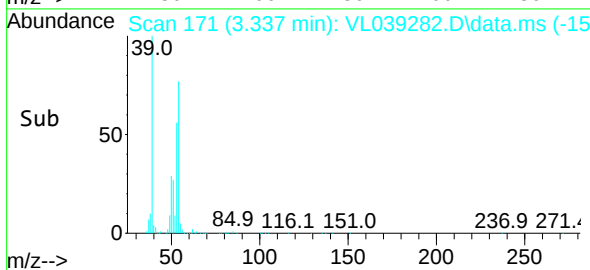
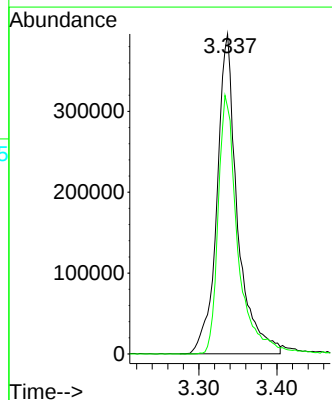
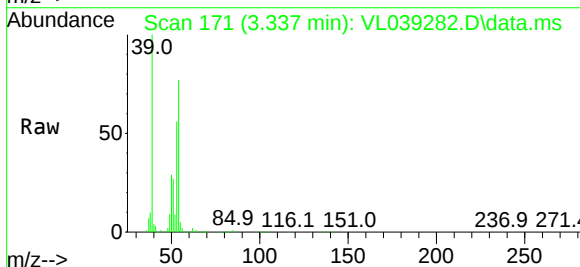
Manual Integrations
APPROVED

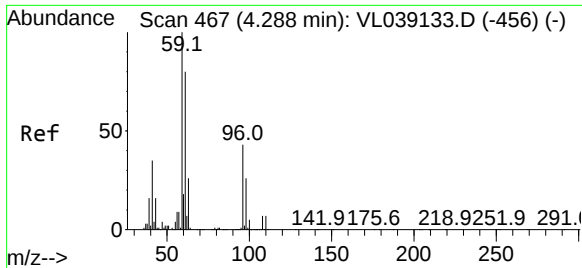
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#16
1,3-Butadiene
Concen: 10.148 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

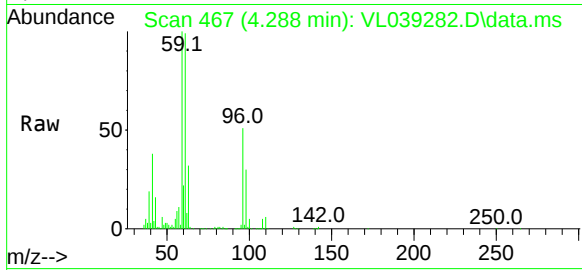
Tgt Ion: 39 Resp: 723984
Ion Ratio Lower Upper
39 100
54 78.0 65.8 98.6





#17
tert-Butyl alcohol
Concen: 11.351 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

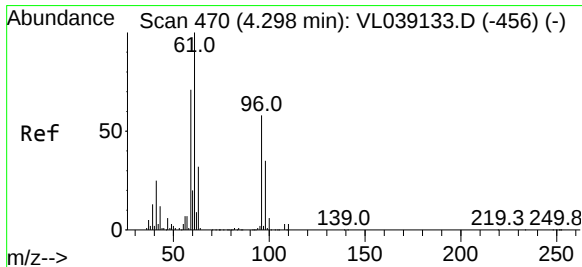
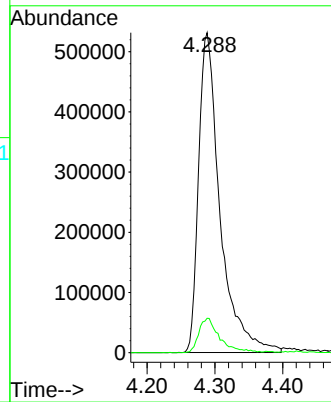
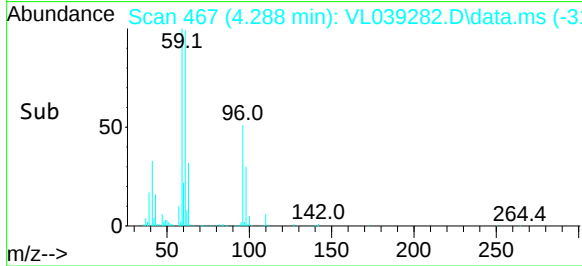
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



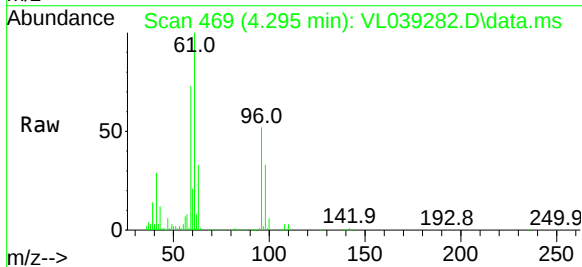
Tgt Ion: 59 Resp: 116838
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

Manual Integrations
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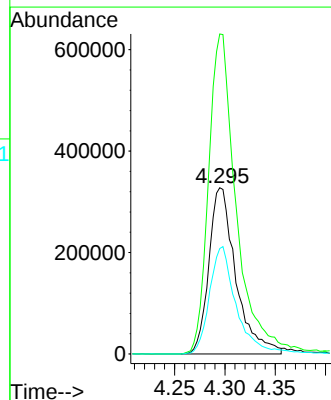
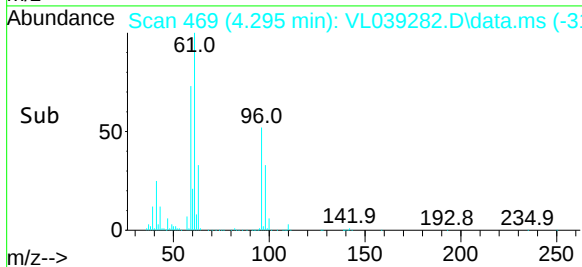
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

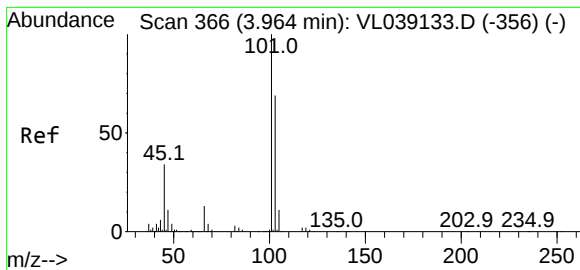


#18
1,1-Dichloroethene
Concen: 10.199 ppbv
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



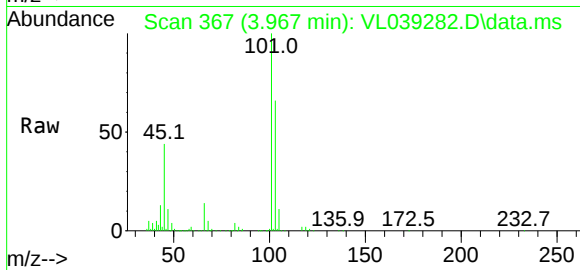
Tgt Ion: 96 Resp: 612837
Ion Ratio Lower Upper
96 100
61 192.5 138.4 207.6
98 63.5 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.930 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

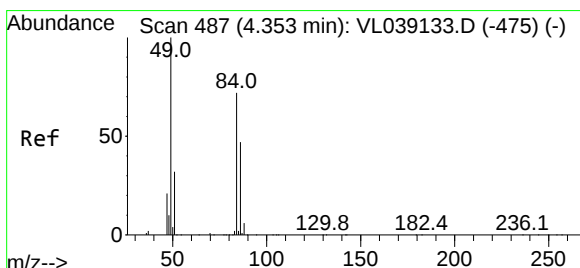
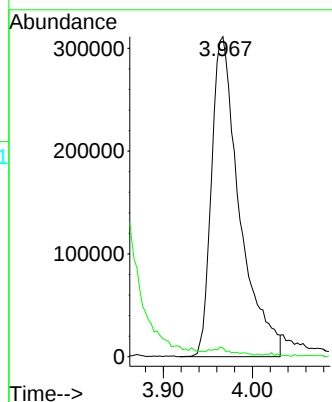
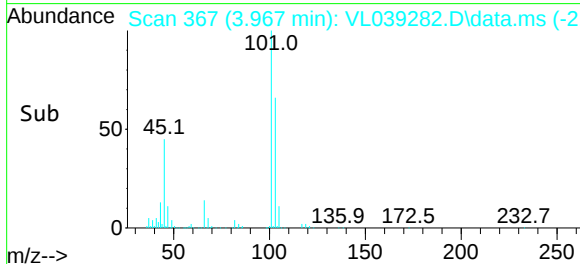
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



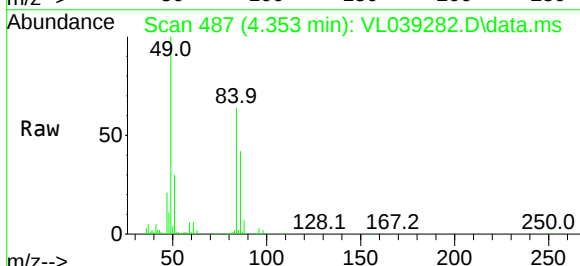
Tgt Ion: 45 Resp: 68033
Ion Ratio Lower Upper
45 100
58 1.9 1.8 2.8

Manual Integrations
APPROVED

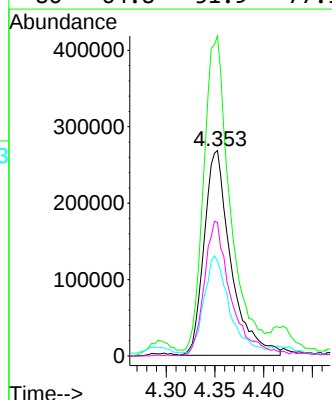
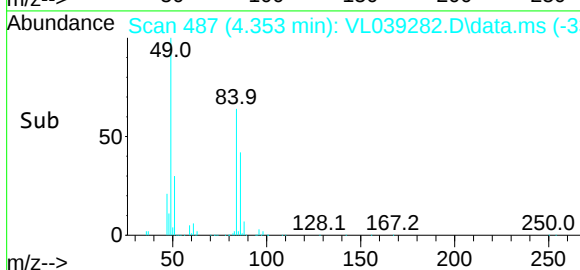
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

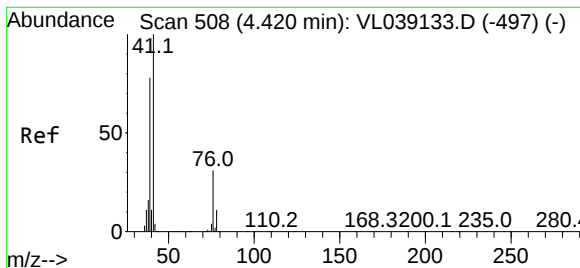


#20
Methylene Chloride
Concen: 9.150 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



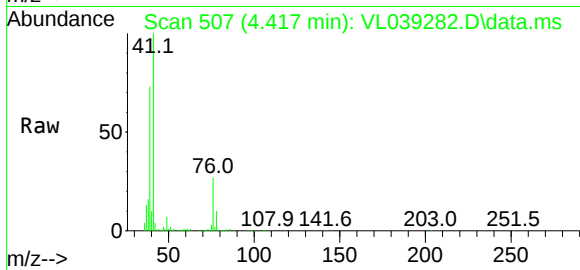
Tgt Ion: 84 Resp: 511724
Ion Ratio Lower Upper
84 100
49 153.3 111.1 166.7
51 44.9 35.3 52.9
86 64.8 51.9 77.9





#21
 Allyl Chloride
 Concen: 10.845 ppbv
 RT: 4.417 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

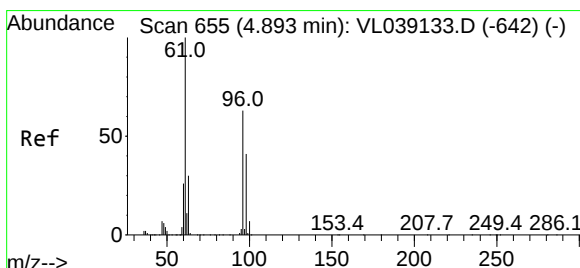
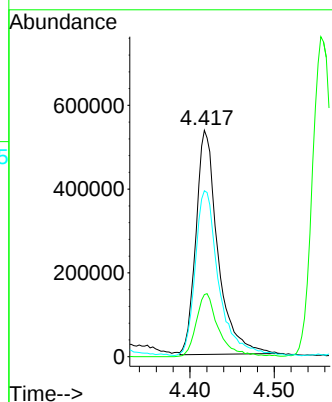
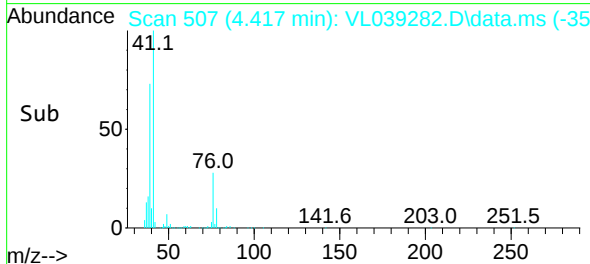
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01



Tgt Ion: 41 Resp: 970915
 Ion Ratio Lower Upper
 41 100
 76 28.8 24.2 36.2
 39 79.0 62.2 93.2

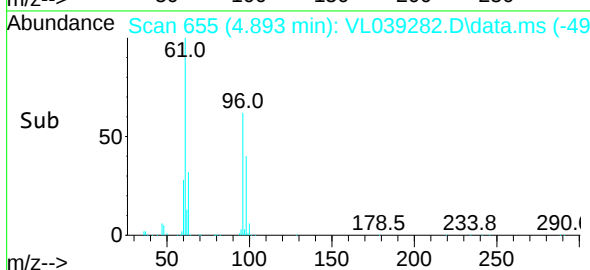
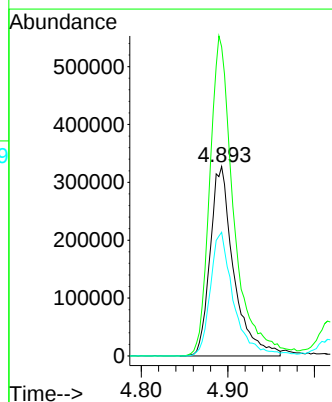
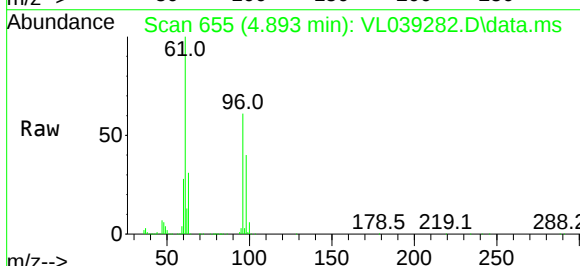
Manual Integrations
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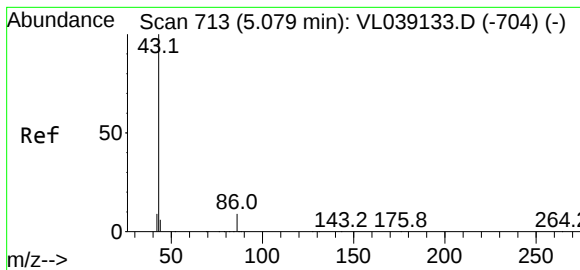
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.713 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

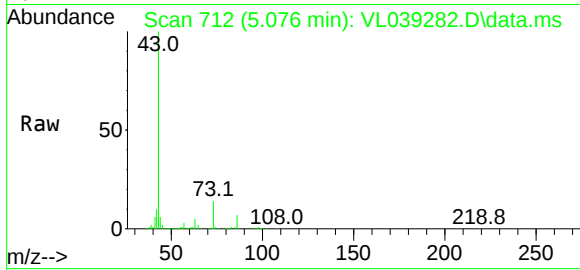
Tgt Ion: 96 Resp: 619410
 Ion Ratio Lower Upper
 96 100
 61 163.1 126.6 190.0
 98 65.3 52.5 78.7





#23
 Vinyl Acetate
 Concen: 9.937 ppbv
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

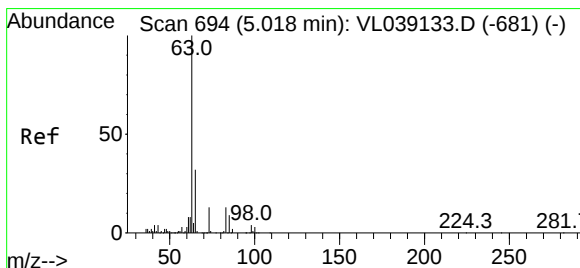
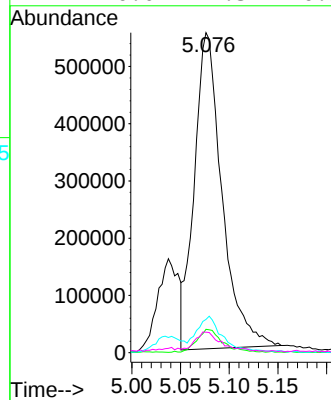
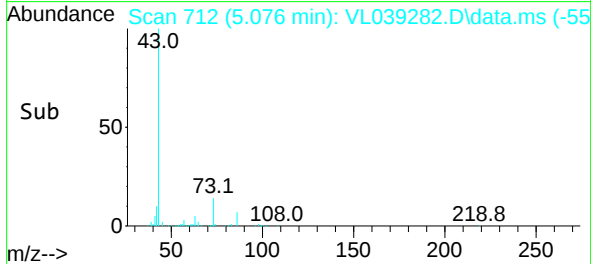
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01



Tgt Ion: 43 Resp: 1091052
 Ion Ratio Lower Upper
 43 100
 86 7.3 6.0 9.0
 42 10.1 8.2 12.4
 44 6.0 4.3 6.5

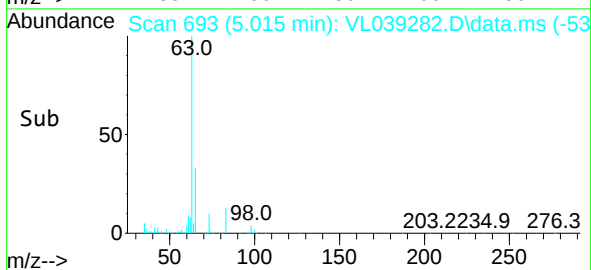
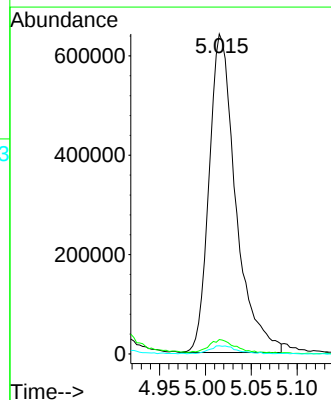
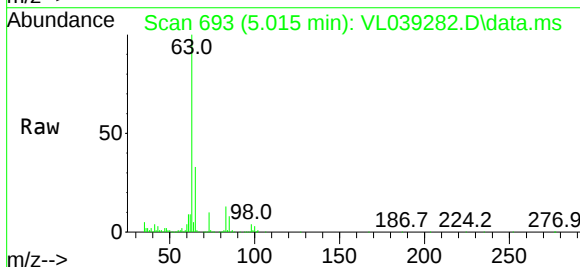
Manual Integrations
 APPROVED

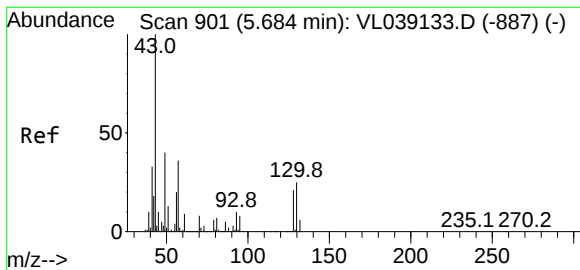
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#24
 1,1-Dichloroethane
 Concen: 8.625 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

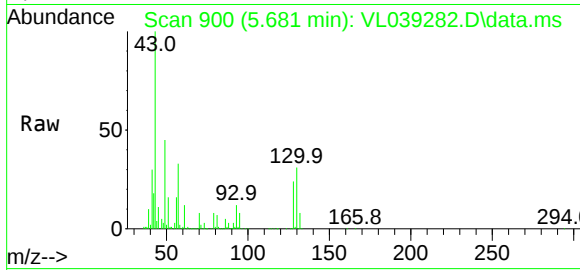
Tgt Ion: 63 Resp: 1297629
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.4 1.5 4.5





#25
Ethyl Acetate
Concen: 9.123 ppbv
RT: 5.681 min Scan# 901
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01

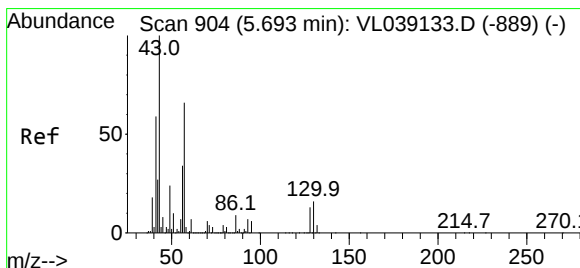
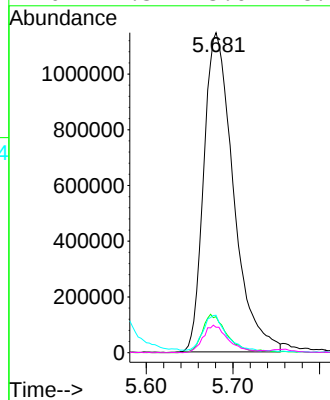
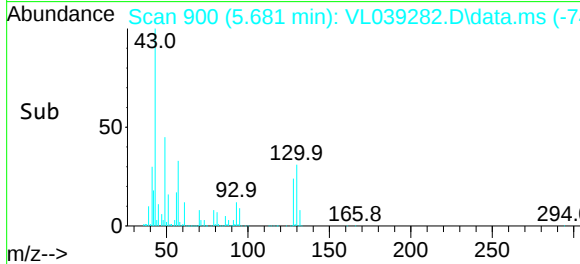


Tgt Ion: 43 Resp: 272877

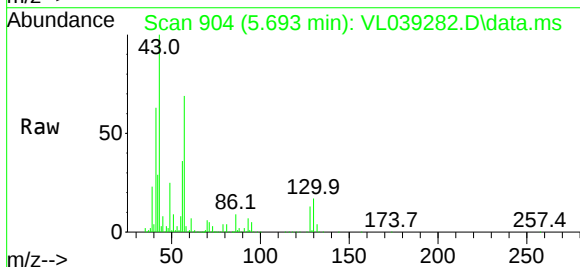
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.5	8.4	12.6
70	7.5	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

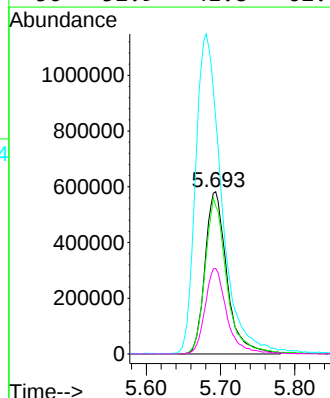
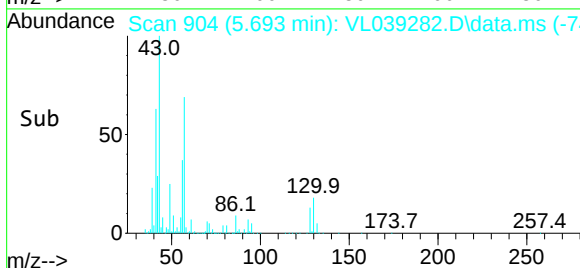


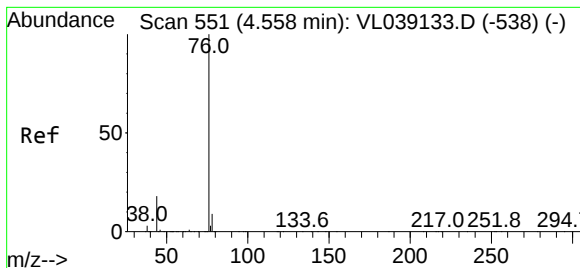
#26
Hexane
Concen: 9.039 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion: 57 Resp: 1188180

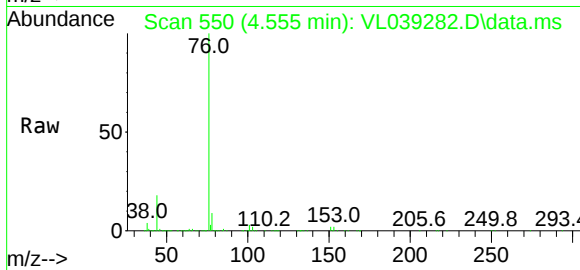
Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	236.3	187.0	280.6
56	52.9	41.8	62.6





#27
Carbon Disulfide
Concen: 10.968 ppbv
RT: 4.555 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

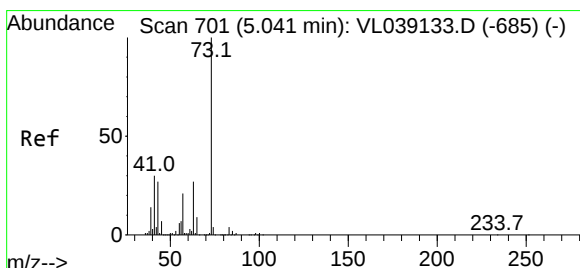
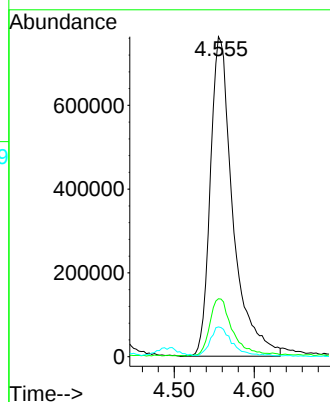
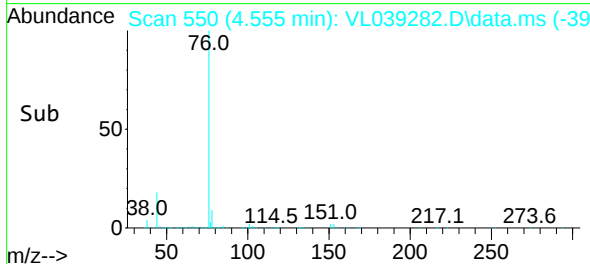
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 76 Resp: 1494200
Ion Ratio Lower Upper
76 100
44 18.4 14.4 21.6
78 9.7 7.7 11.5

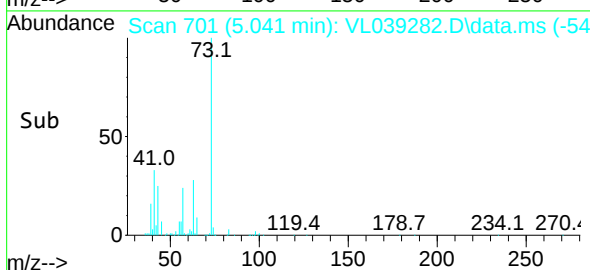
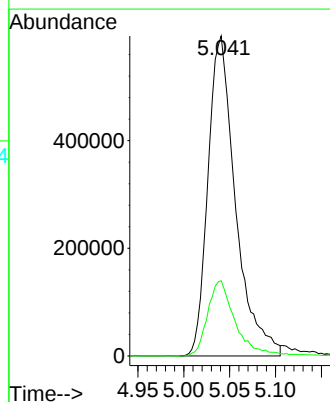
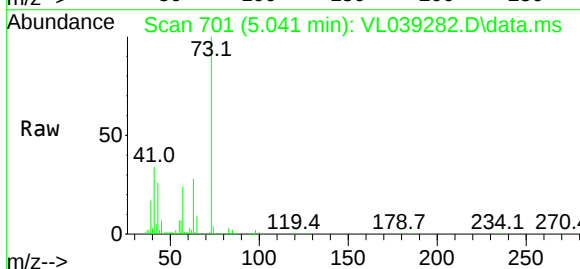
Manual Integrations
APPROVED

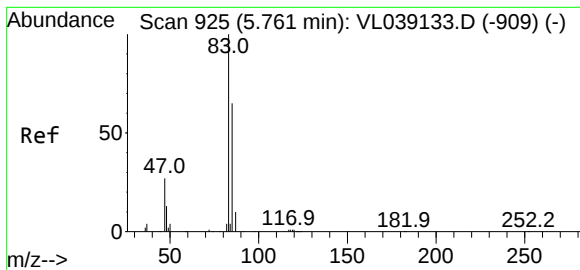
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#28
Methyl tert-Butyl Ether
Concen: 8.560 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

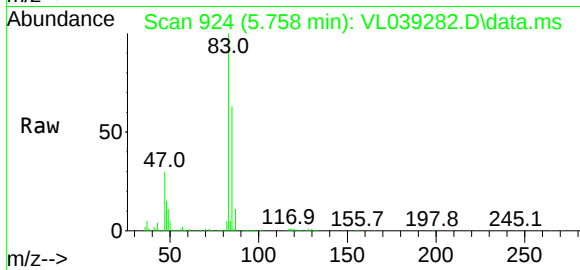
Tgt Ion: 73 Resp: 1242129
Ion Ratio Lower Upper
73 100
57 24.0 18.6 27.8





#29
Chloroform
Concen: 8.723 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

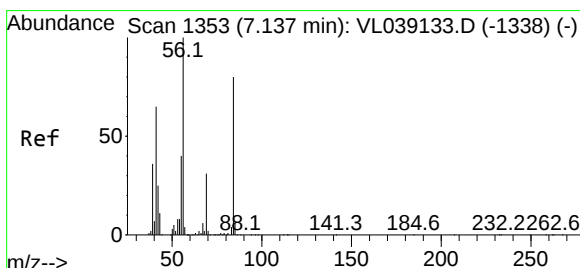
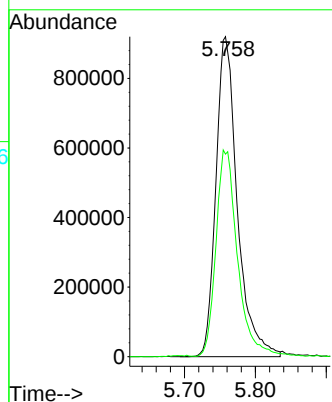
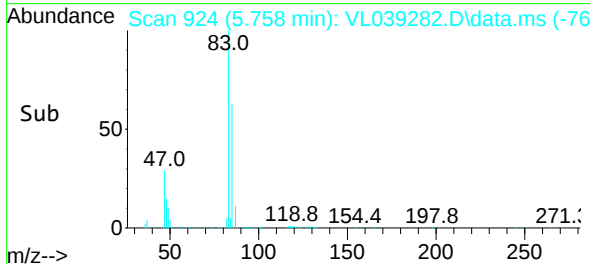
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



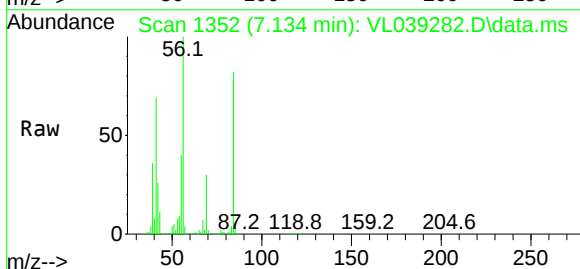
Tgt Ion: 83 Resp: 192935
Ion Ratio Lower Upper
83 100
85 63.0 52.4 78.6

Manual Integrations
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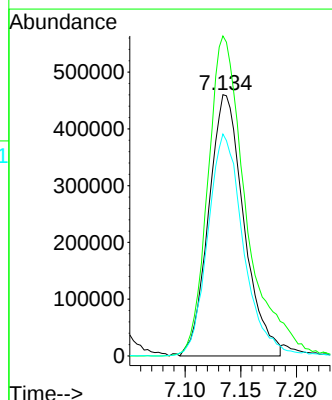
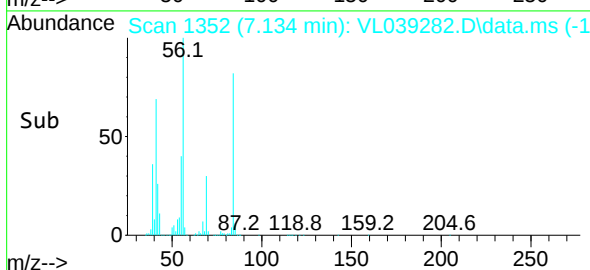
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

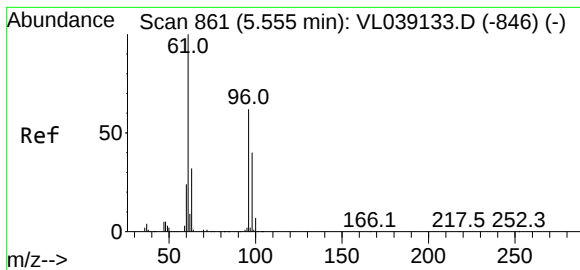


#30
Cyclohexane
Concen: 9.164 ppbv
RT: 7.134 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion: 84 Resp: 1011900
Ion Ratio Lower Upper
84 100
56 133.9 110.6 165.8
41 86.8 68.9 103.3





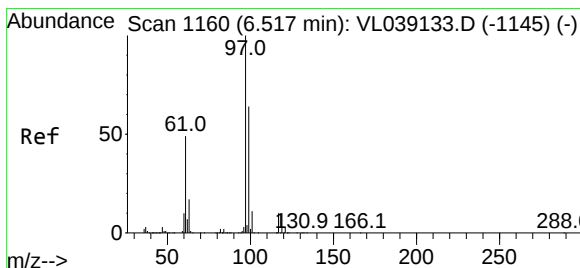
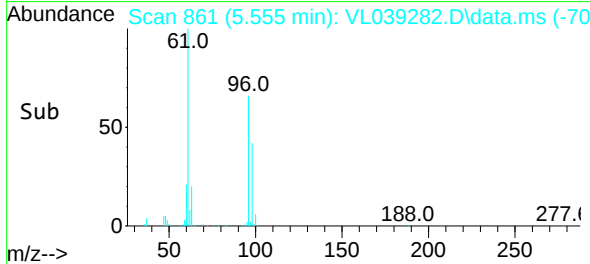
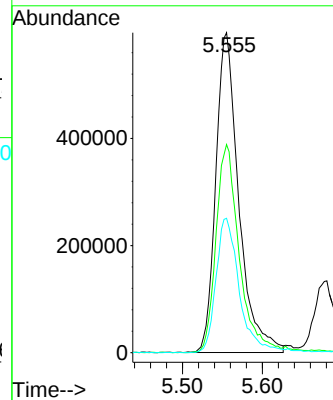
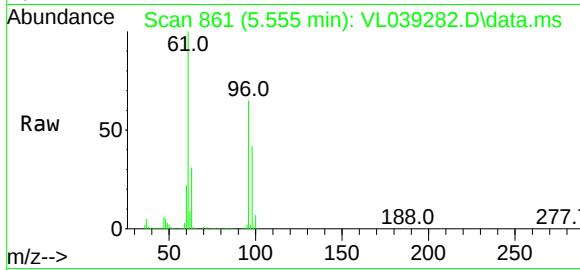
#31
 cis-1,2-Dichloroethene
 Concen: 8.875 ppbv
 RT: 5.555 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01

Tgt Ion: 61 Resp: 118956
 Ion Ratio Lower Upper
 61 100
 96 65.0 49.9 74.9
 98 42.0 32.0 48.0

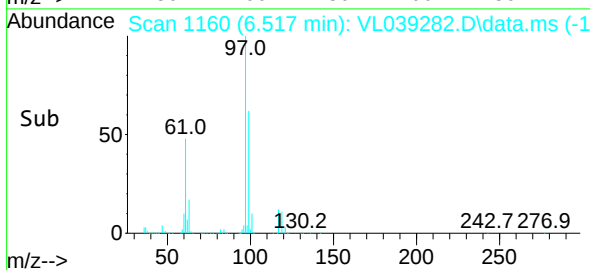
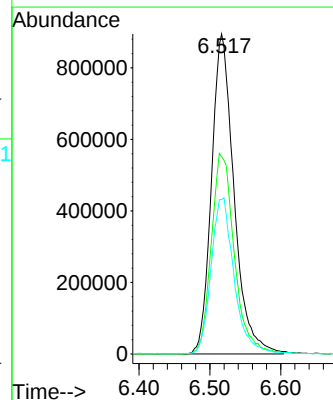
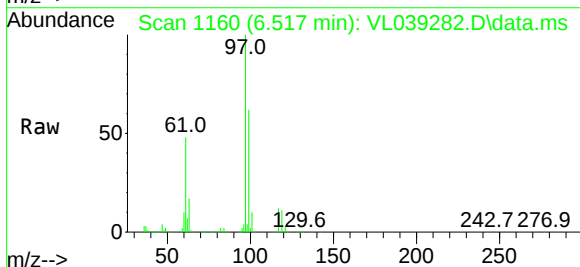
Manual Integrations
 APPROVED

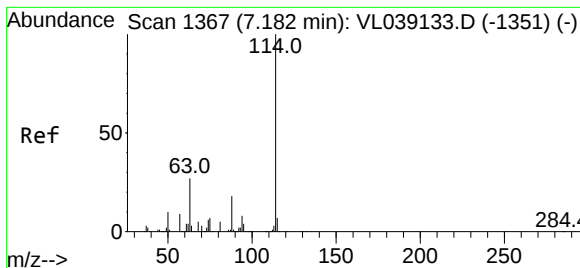
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.123 ppbv
 RT: 6.517 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

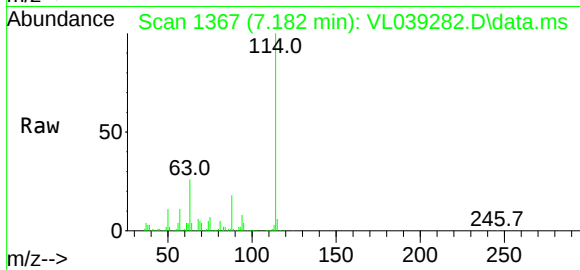
Tgt Ion: 97 Resp: 1974565
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.1 78.1
 61 50.4 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

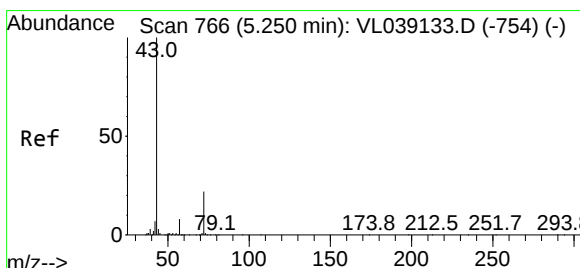
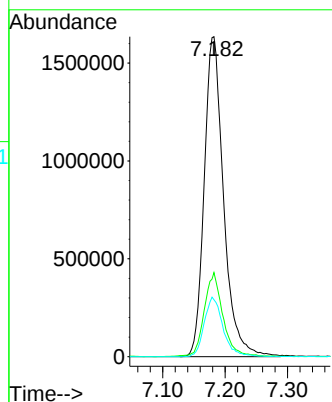
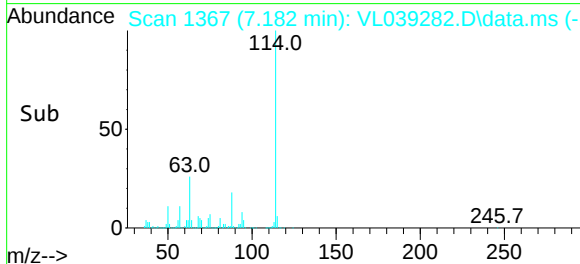
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



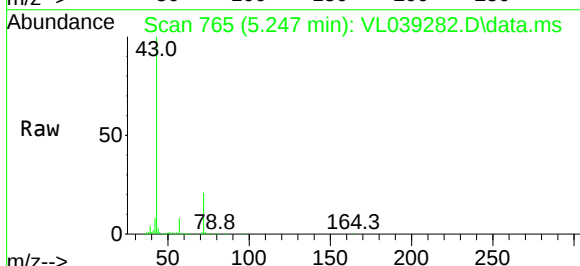
Tgt Ion:114 Resp: 353449
Ion Ratio Lower Upper
114 100
63 25.5 21.7 32.5
88 18.2 14.8 22.2

Manual Integrations
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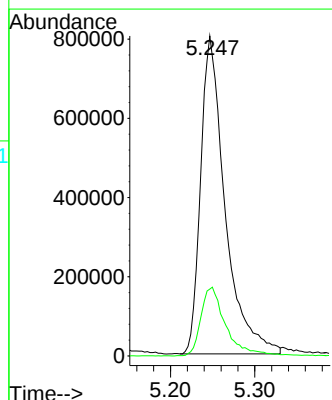
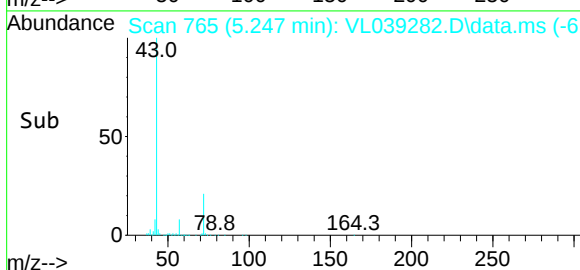
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

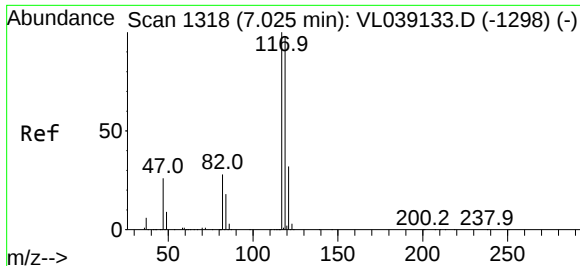


#34
2-Butanone
Concen: 8.436 ppbv
RT: 5.247 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



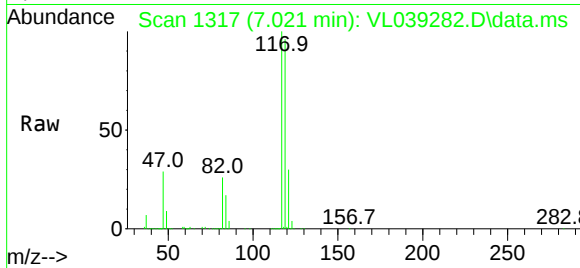
Tgt Ion: 43 Resp: 1619827
Ion Ratio Lower Upper
43 100
72 22.4 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.108 ppbv
RT: 7.021 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

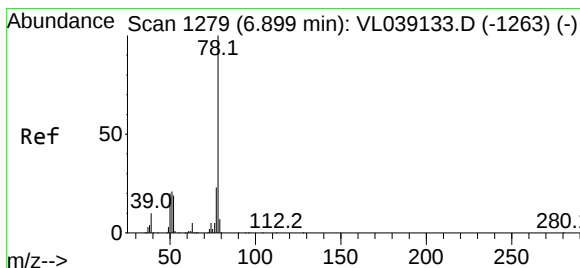
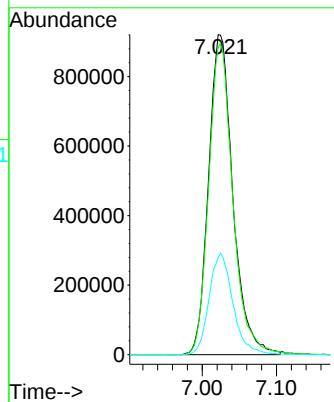
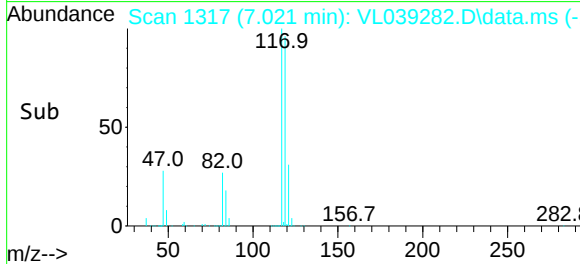
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



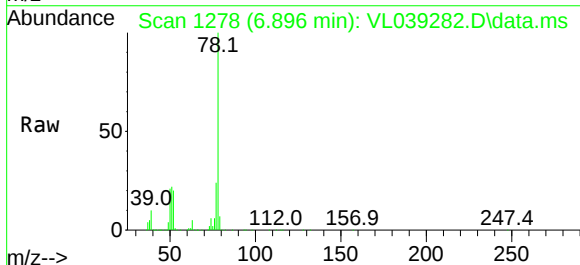
Tgt Ion: 117 Resp: 2091630
Ion Ratio Lower Upper
117 100
119 95.8 78.6 118.0
121 30.3 25.4 38.0

Manual Integrations
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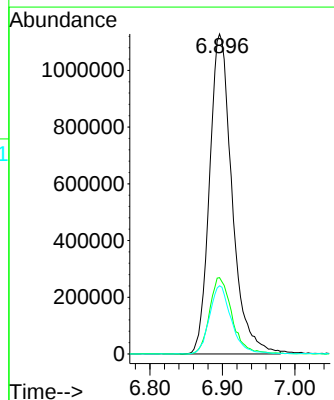
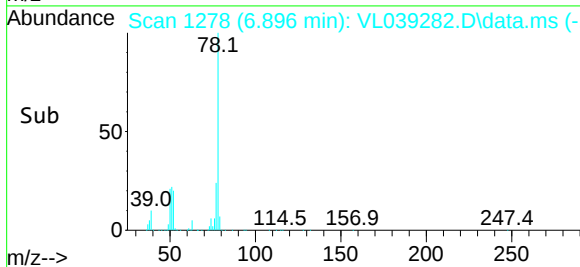
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

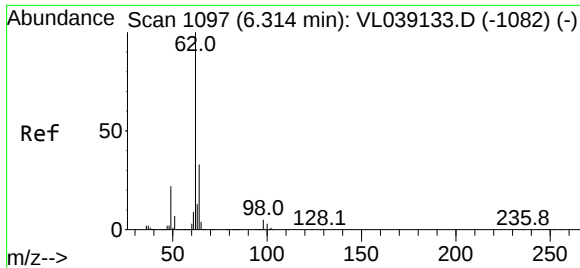


#36
Benzene
Concen: 8.463 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



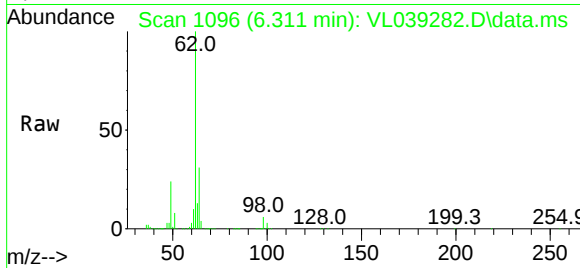
Tgt Ion: 78 Resp: 2428306
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
50 21.3 15.8 23.8





#37
1,2-Dichloroethane
Concen: 7.925 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

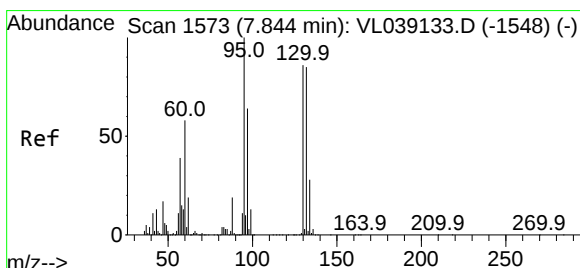
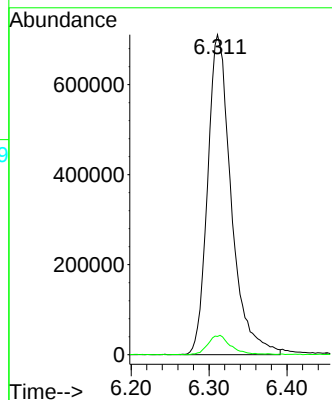
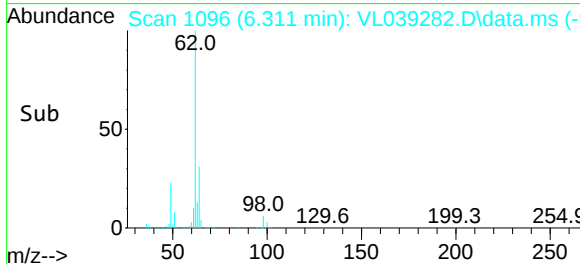
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 62 Resp: 149670
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5

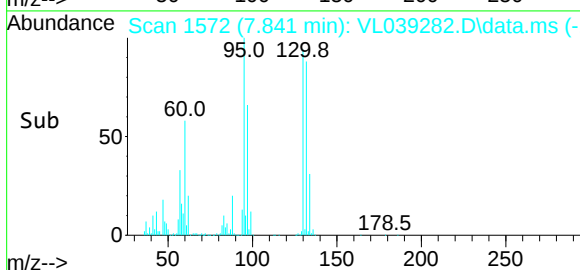
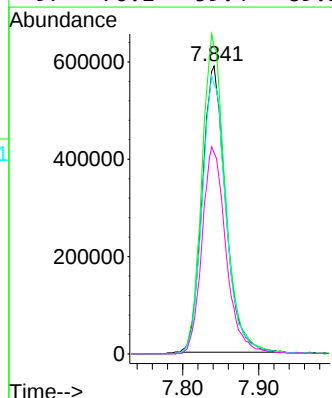
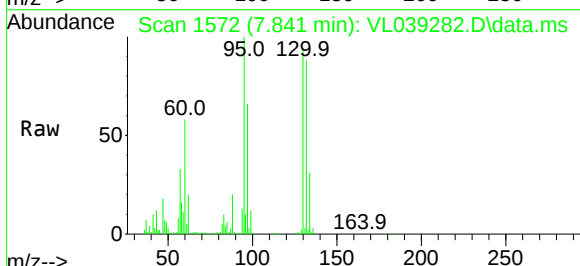
Manual Integrations
APPROVED

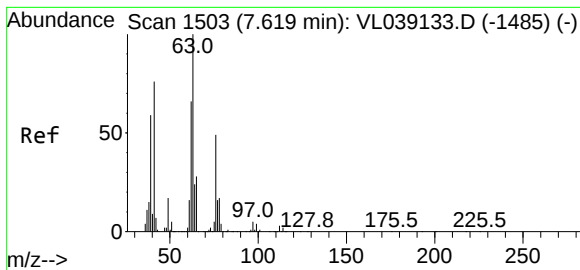
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#38
Trichloroethene
Concen: 9.496 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

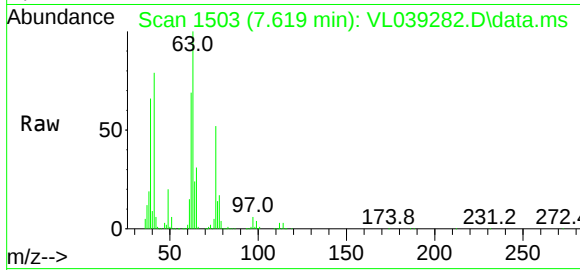
Tgt Ion:130 Resp: 1251600
Ion Ratio Lower Upper
130 100
95 106.8 93.3 139.9
132 93.7 79.0 118.4
97 70.1 59.4 89.2





#39
1,2-Dichloropropane
Concen: 7.885 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

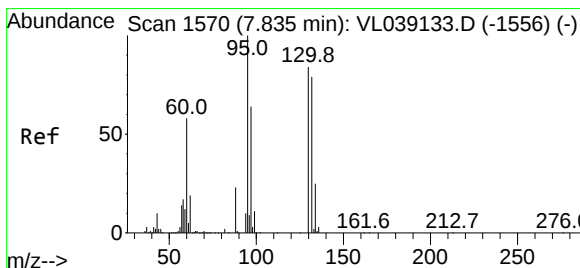
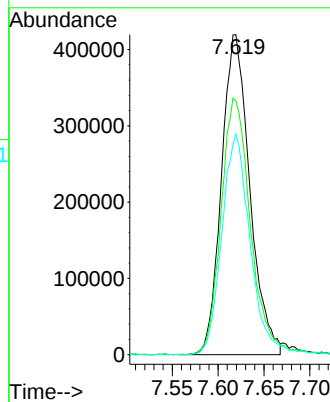
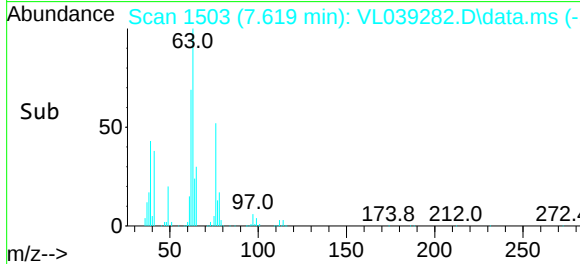
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



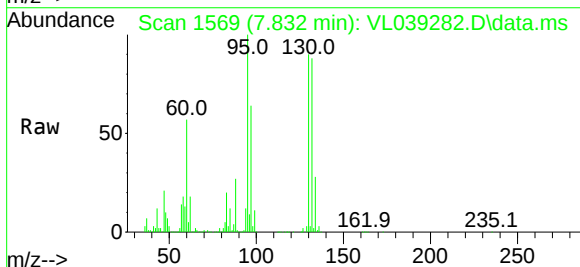
Tgt Ion: 63 Resp: 899914
Ion Ratio Lower Upper
63 100
41 79.2 60.8 91.2
62 68.8 52.9 79.3

Manual Integrations
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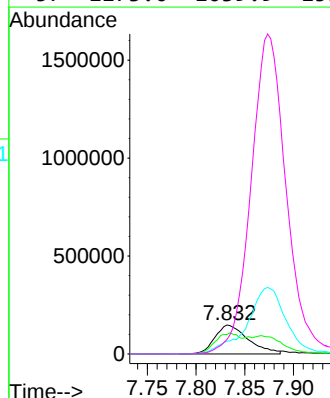
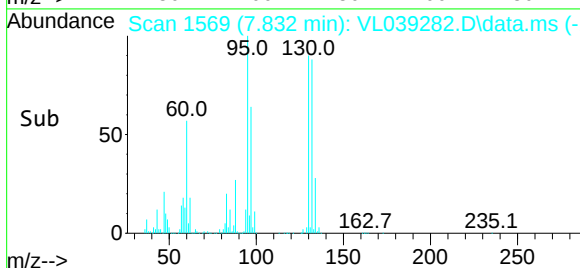
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

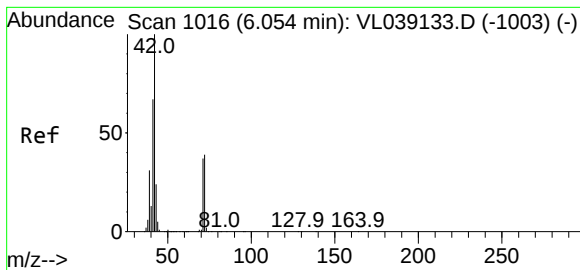


#40
1,4-Dioxane
Concen: 9.357 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



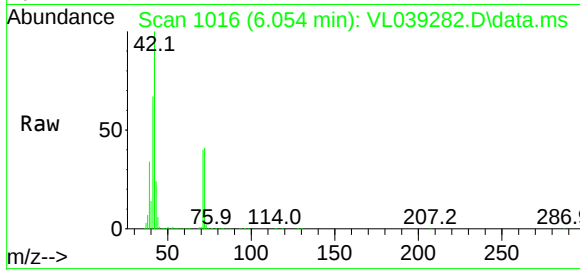
Tgt Ion: 88 Resp: 351607
Ion Ratio Lower Upper
88 100
58 124.4 111.2 166.8
43 271.2 234.2 351.4
57 1173.0 1039.9 1559.9





#41
Tetrahydrofuran
Concen: 7.957 ppbv
RT: 6.054 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

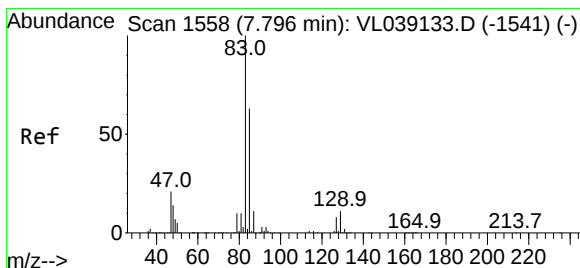
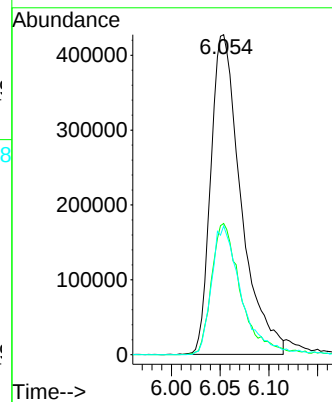
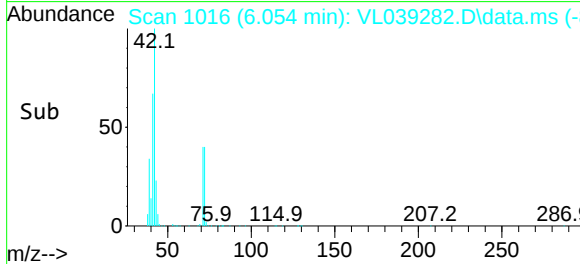
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 42 Resp: 918978
Ion Ratio Lower Upper
42 100
72 41.0 32.0 48.0
71 40.5 31.1 46.7

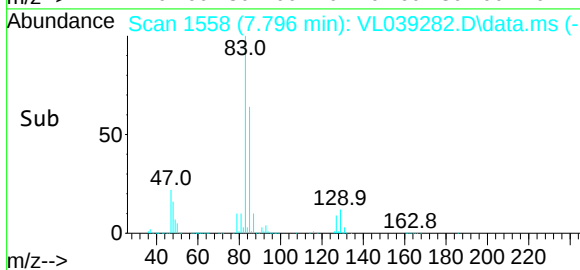
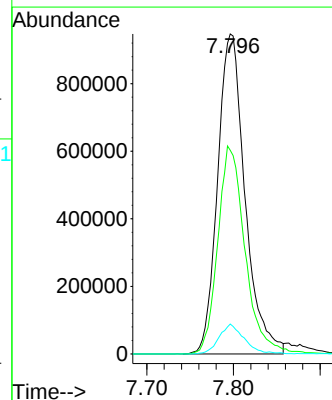
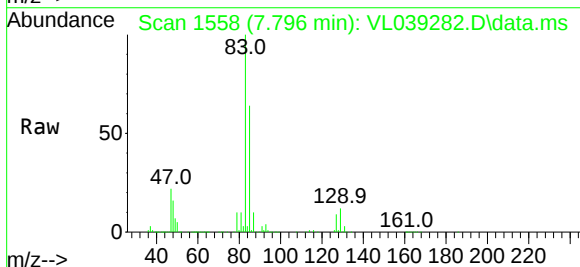
Manual Integrations
APPROVED

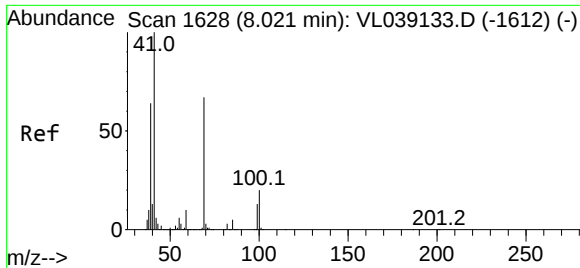
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#42
Bromodichloromethane
Concen: 7.941 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

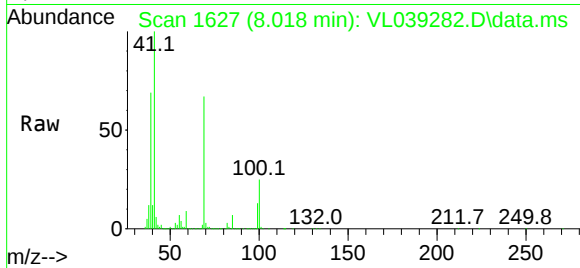
Tgt Ion: 83 Resp: 2081166
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 9.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 8.815 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

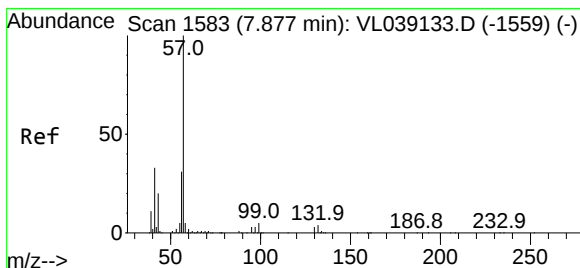
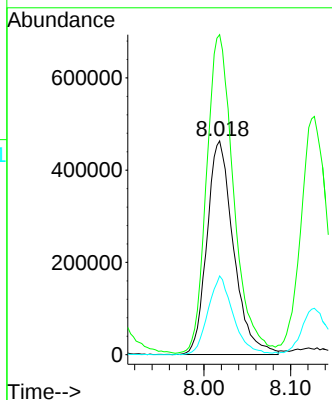
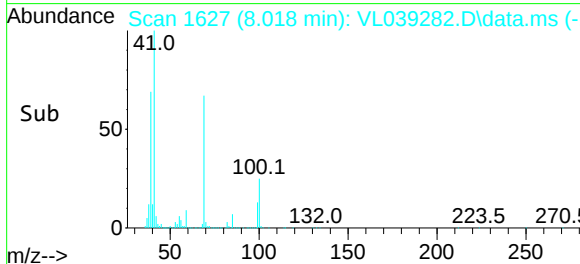
Instrument : MSVOA_L
ClientSampleId : VL0614ABS01



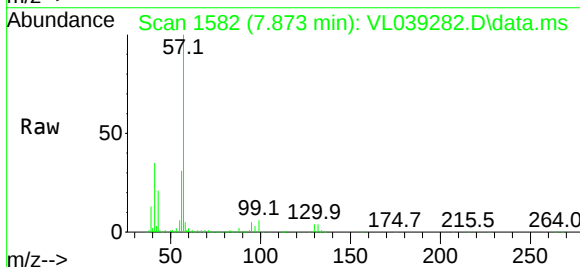
Tgt Ion: 69 Resp: 98532
Ion Ratio Lower Upper
69 100
41 153.2 121.9 182.9
100 35.1 24.1 36.1

Manual Integrations
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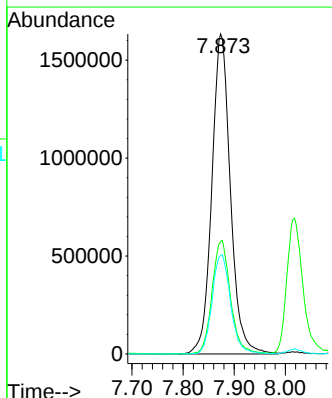
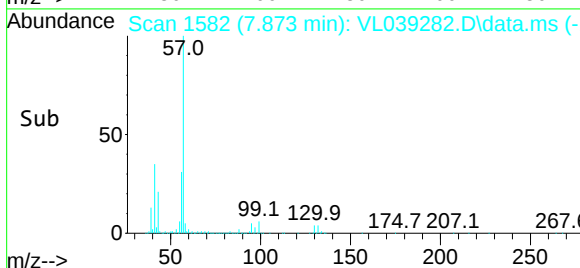
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

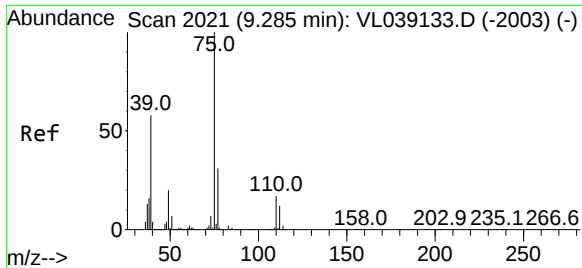


#44
2,2,4-Trimethylpentane
Concen: 8.214 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion: 57 Resp: 4123434
Ion Ratio Lower Upper
57 100
41 34.9 26.2 39.4
56 30.8 24.7 37.1





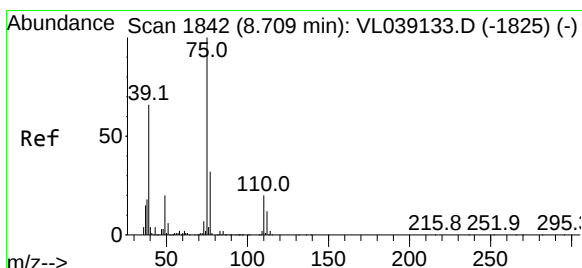
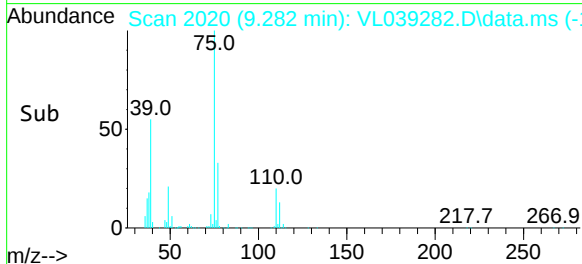
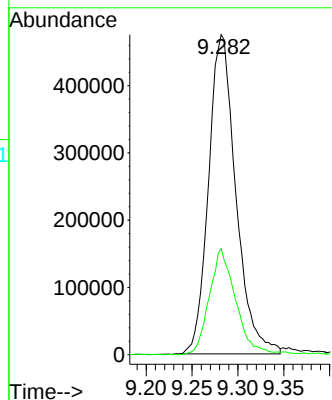
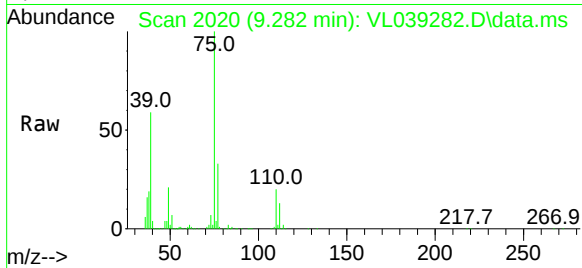
#45
 t-1,3-Dichloropropene
 Concen: 8.445 ppbv
 RT: 9.282 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01

Tgt Ion: 75 Resp: 98308
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.4 36.6

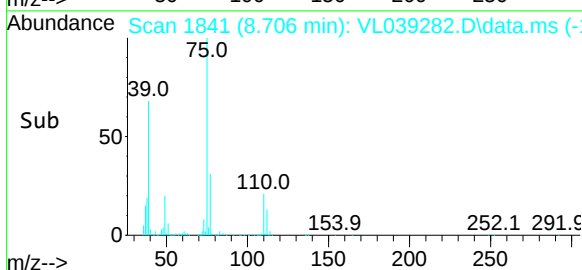
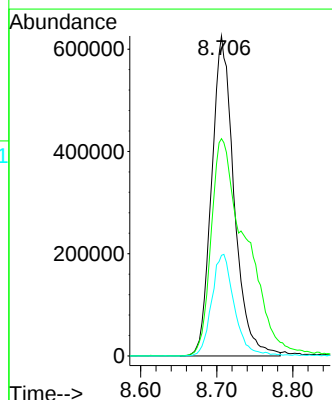
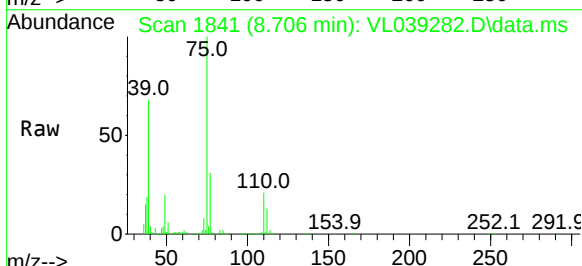
Manual Integrations
 APPROVED

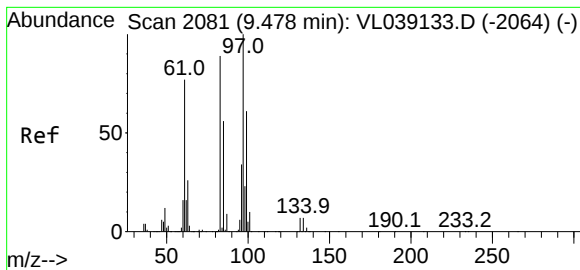
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#46
 cis-1,3-Dichloropropene
 Concen: 8.357 ppbv
 RT: 8.706 min Scan# 1841
 Delta R.T. -0.003 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

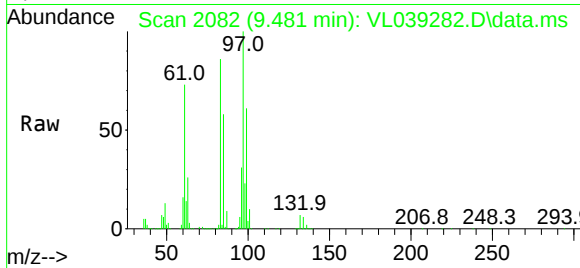
Tgt Ion: 75 Resp: 1285147
 Ion Ratio Lower Upper
 75 100
 39 67.8 52.4 78.6
 77 31.5 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 8.569 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

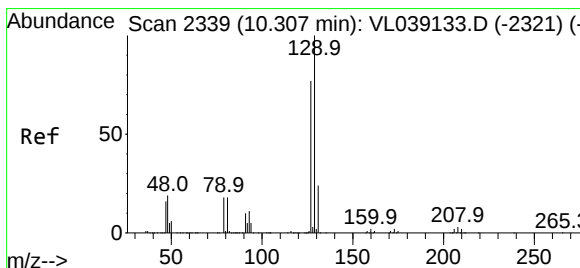
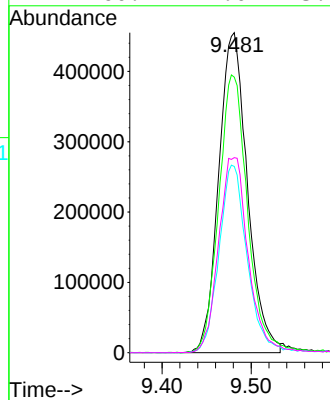
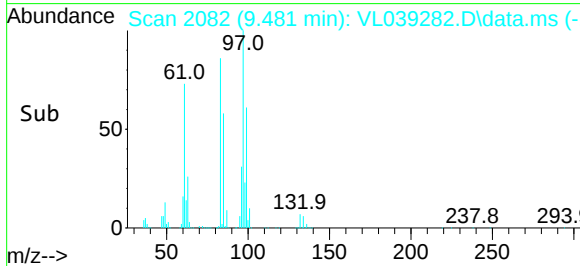
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



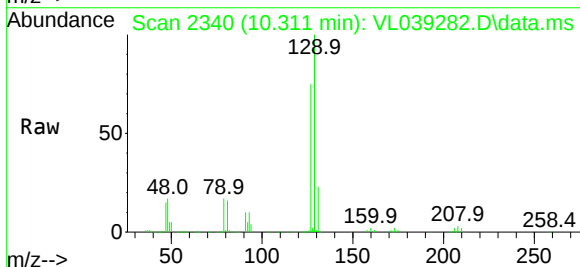
Tgt Ion: 97 Resp: 1020410
Ion Ratio Lower Upper
97 100
83 86.1 71.6 107.4
85 58.2 44.8 67.2
99 60.9 49.0 73.4

Manual Integrations
APPROVED

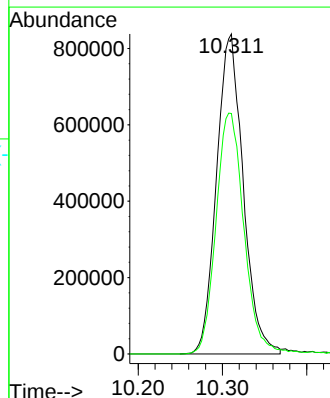
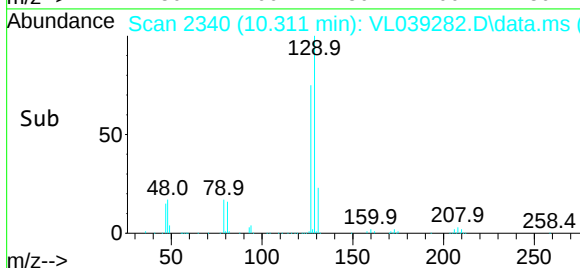
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

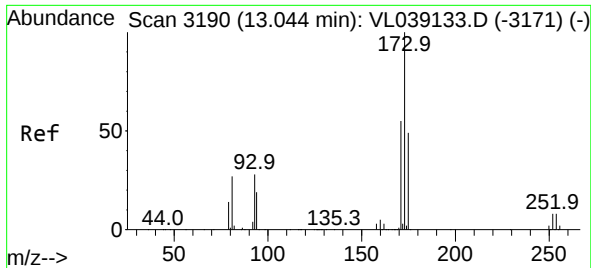


#48
Dibromochloromethane
Concen: 8.650 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



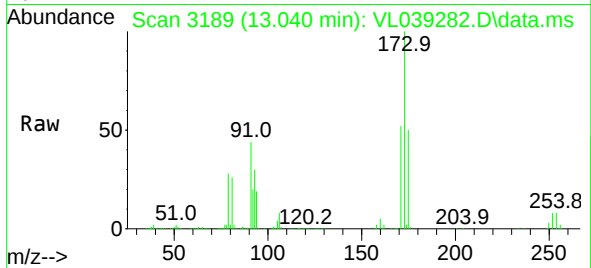
Tgt Ion:129 Resp: 1839096
Ion Ratio Lower Upper
129 100
127 79.2 40.0 119.9





#49
Bromoform
Concen: 8.641 ppbv
RT: 13.040 min Scan# 3190
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

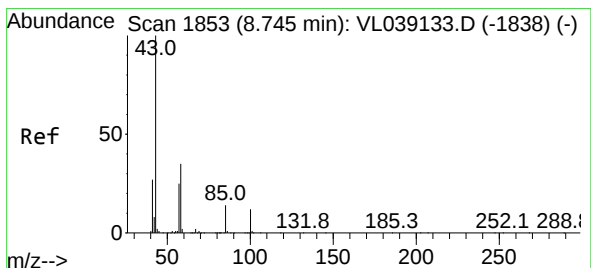
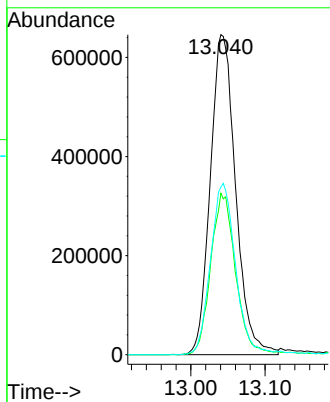
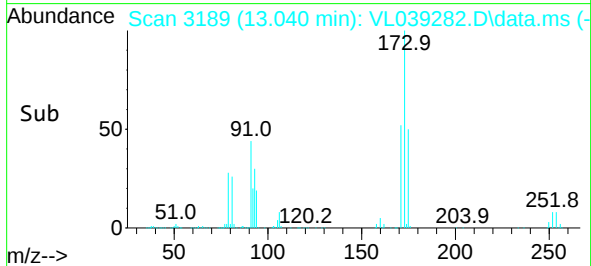
Instrument : MSVOA_L
ClientSampleId : VL0614ABS01



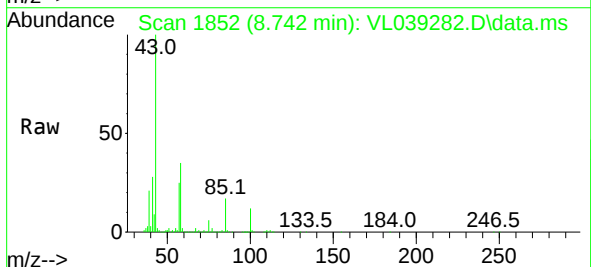
Tgt Ion: 173 Resp: 1531160
Ion Ratio Lower Upper
173 100
175 50.6 40.2 60.2
171 53.7 43.9 65.9

Manual Integrations
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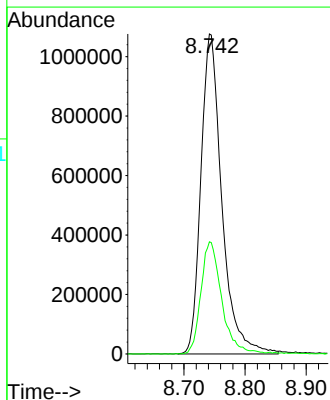
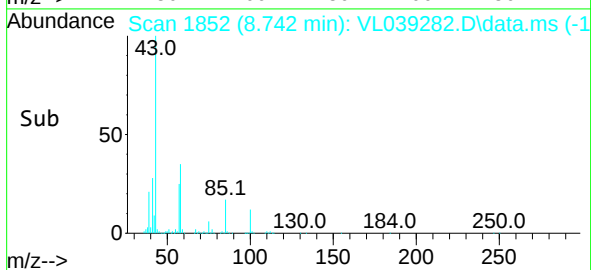
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

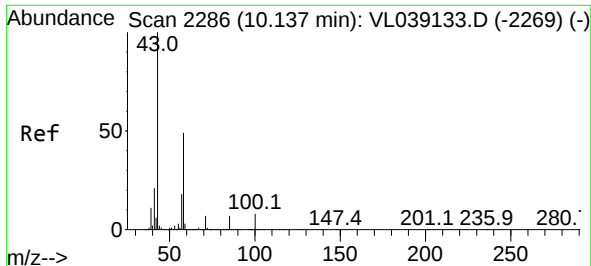


#50
4-Methyl-2-Pentanone
Concen: 8.899 ppbv
RT: 8.742 min Scan# 1852
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



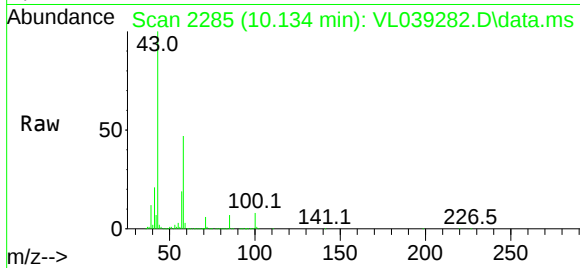
Tgt Ion: 43 Resp: 2557797
Ion Ratio Lower Upper
43 100
58 35.3 28.7 43.1





#51
2-Hexanone
Concen: 8.615 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

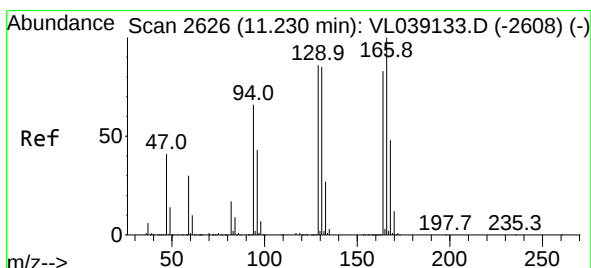
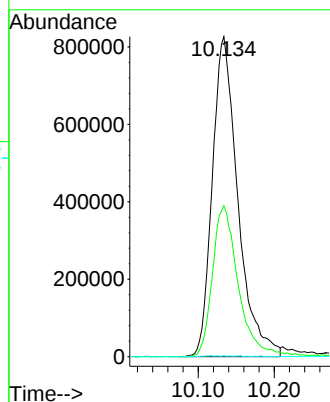
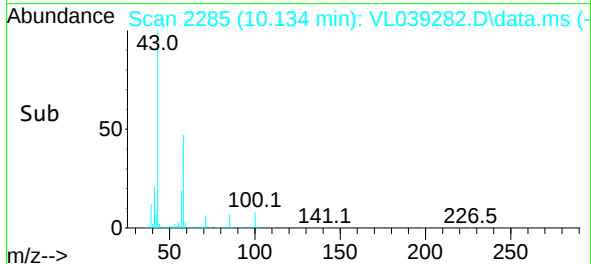
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



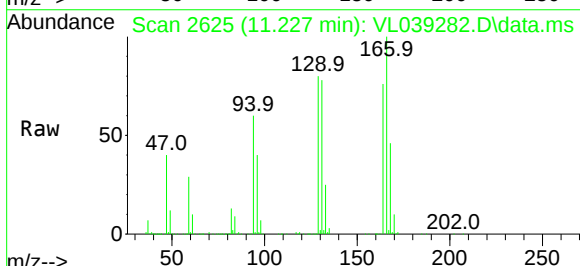
Tgt Ion: 43 Resp: 192672
Ion Ratio Lower Upper
43 100
58 47.9 40.0 60.0
98 0.3 0.1 0.1

Manual Integrations
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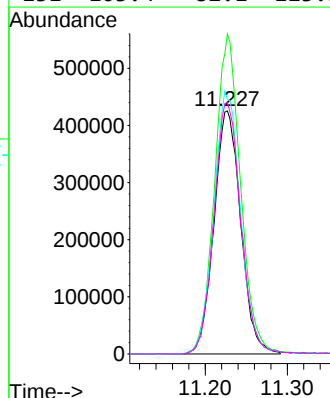
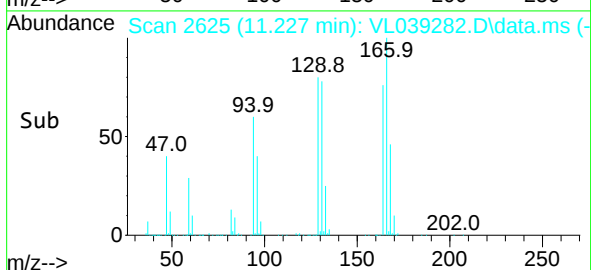
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

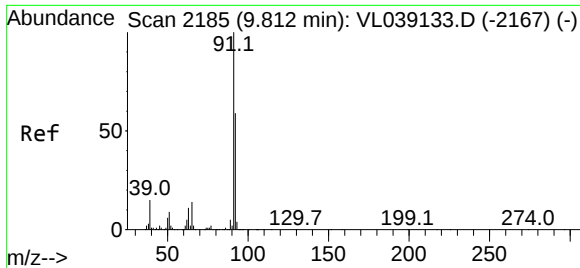


#52
Tetrachloroethene
Concen: 8.585 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



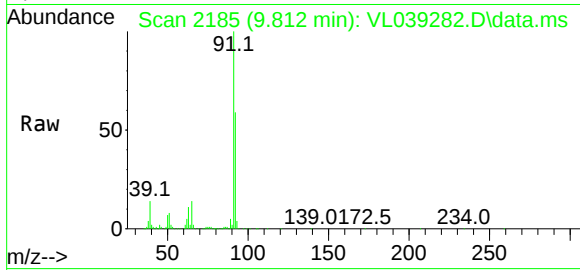
Tgt Ion:164 Resp: 961834
Ion Ratio Lower Upper
164 100
166 131.7 96.3 144.5
129 104.7 82.5 123.7
131 103.4 82.1 123.1





#53
Toluene
Concen: 8.939 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

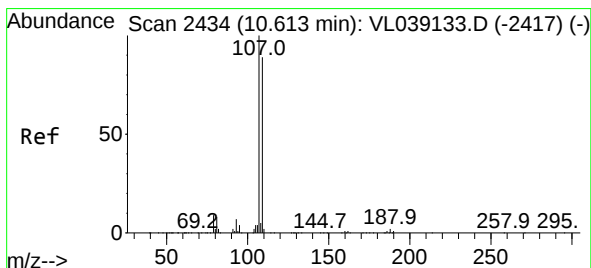
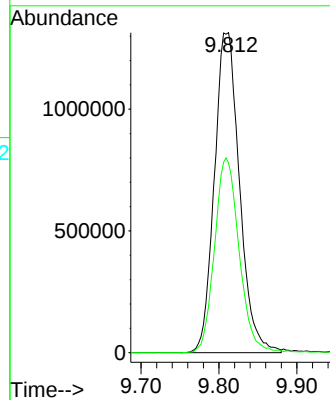
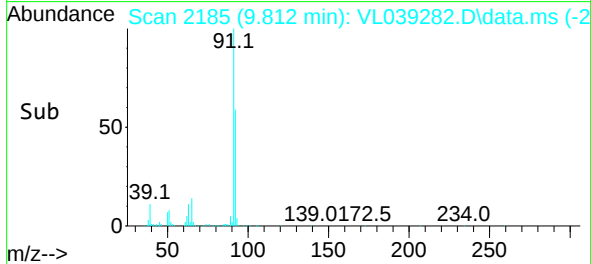
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



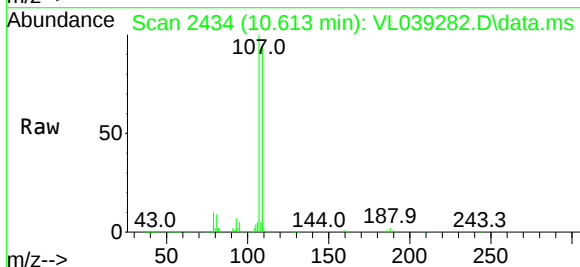
Tgt Ion: 91 Resp: 2953779
Ion Ratio Lower Upper
91 100
92 60.0 48.1 72.1

Manual Integrations
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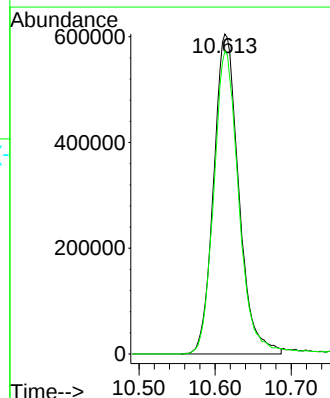
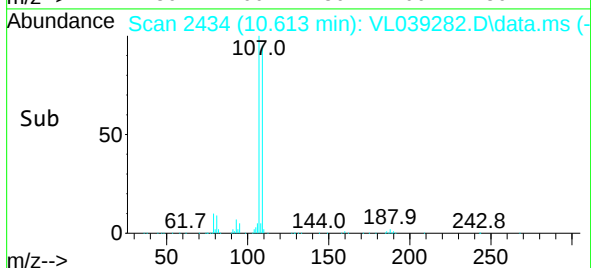
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

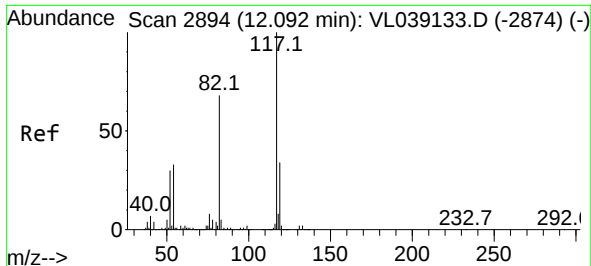


#54
1,2-Dibromoethane
Concen: 8.664 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



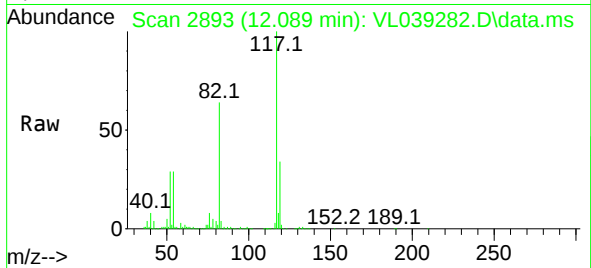
Tgt Ion:107 Resp: 1386308
Ion Ratio Lower Upper
107 100
109 94.6 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

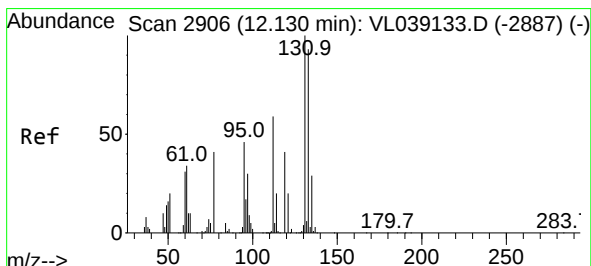
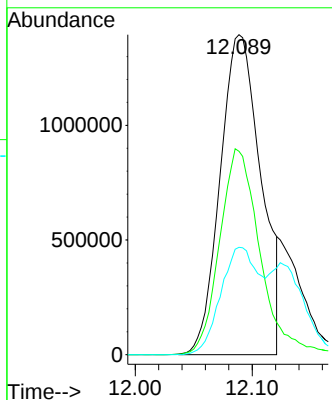
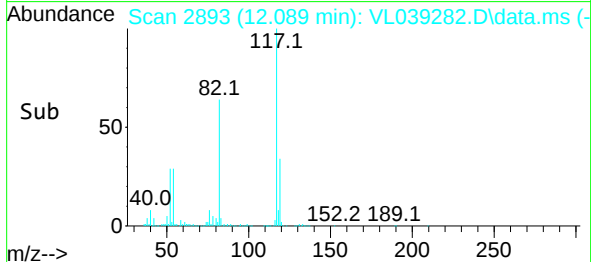
Instrument : MSVOA_L
ClientSampleId : VL0614ABS01



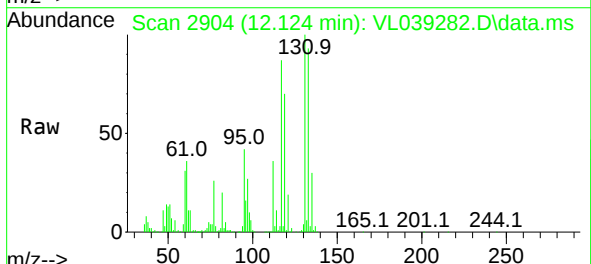
Tgt Ion:117 Resp: 3384000
Ion Ratio Lower Upper
117 100
82 64.5 55.1 82.7
119 31.9 24.7 37.1

Manual Integrations
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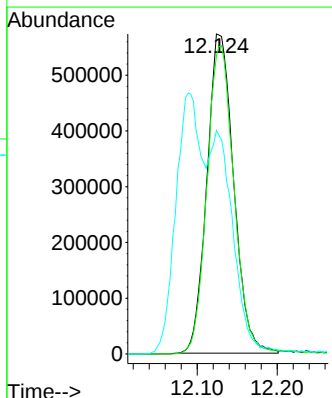
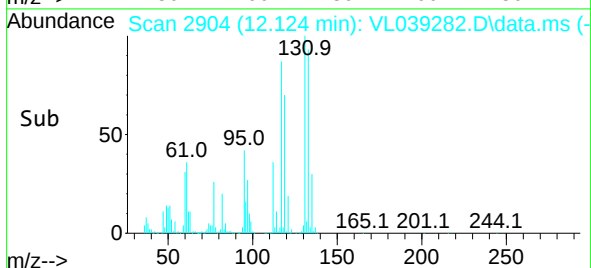
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

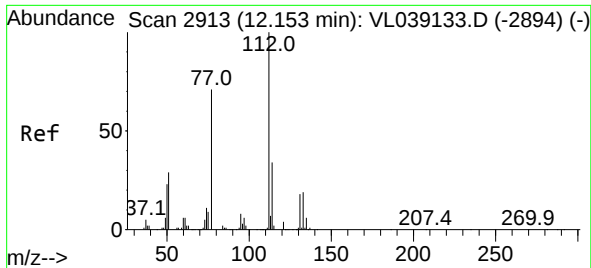


#56
1,1,1,2-Tetrachloroethane
Concen: 8.333 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. -0.006 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



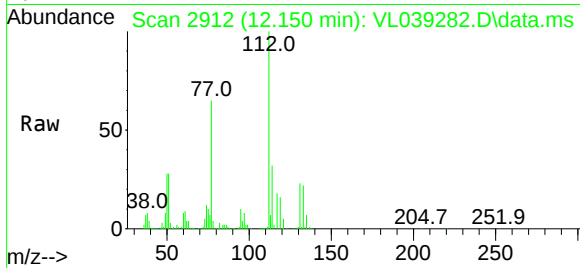
Tgt Ion:131 Resp: 1334372
Ion Ratio Lower Upper
131 100
133 98.1 78.6 117.8
119 64.2 51.7 77.5





#57
Chlorobenzene
Concen: 8.812 ppbv
RT: 12.150 min Scan# 2912
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

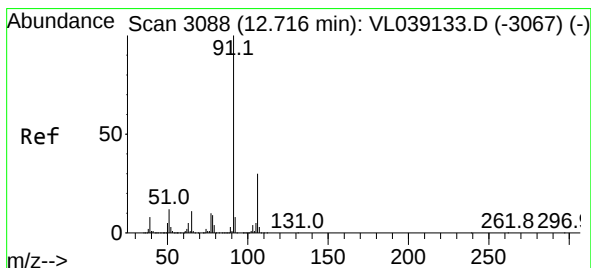
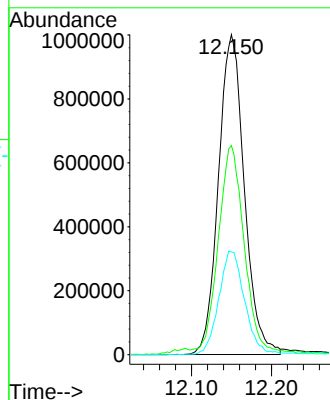
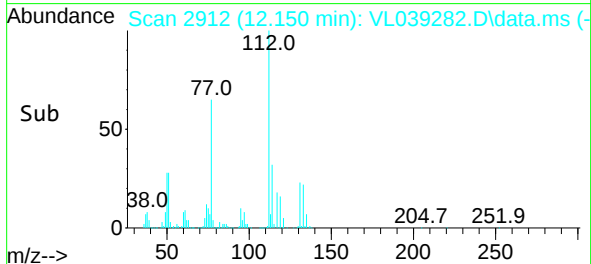
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



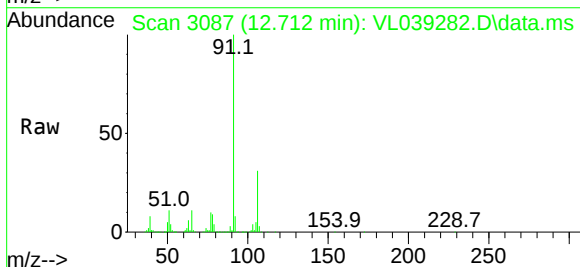
Tgt Ion: 112 Resp: 2243739
Ion Ratio Lower Upper
112 100
77 64.1 56.5 84.7
114 32.1 30.3 37.1

Manual Integrations
APPROVED

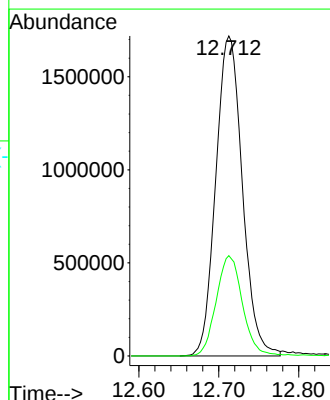
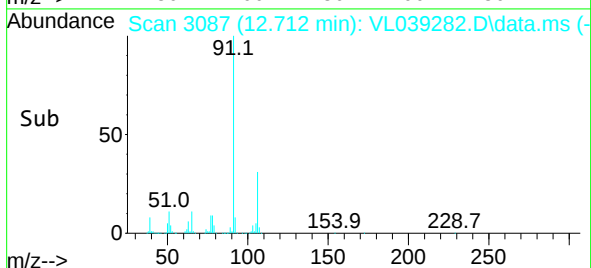
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

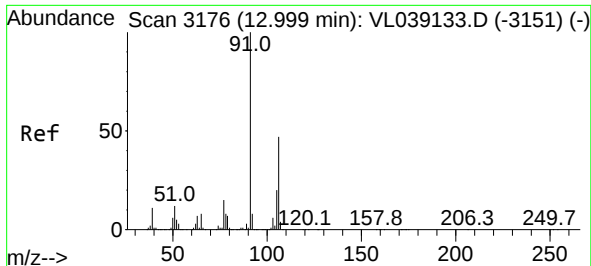


#58
Ethyl Benzene
Concen: 8.501 ppbv
RT: 12.712 min Scan# 3087
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



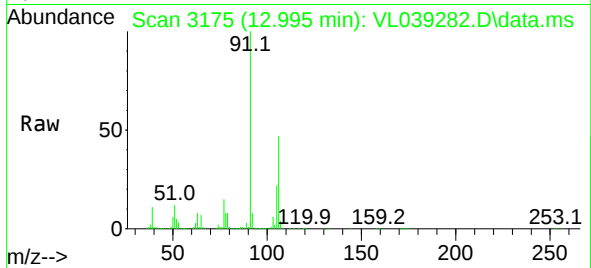
Tgt Ion: 91 Resp: 3962618
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4





#59
m/p-Xylene
Concen: 16.832 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

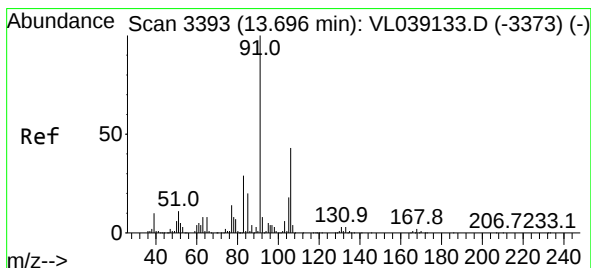
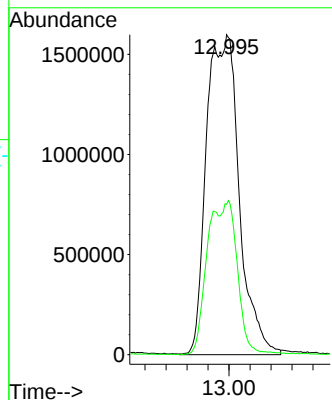
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 91 Resp: 6909210
Ion Ratio Lower Upper
91 100
106 44.0 34.3 51.5

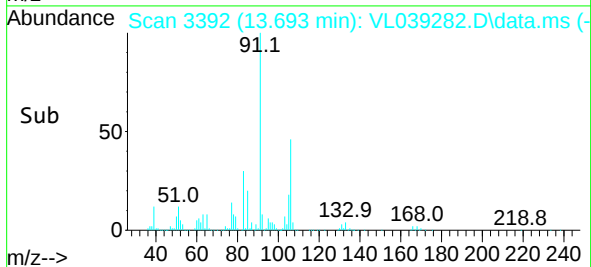
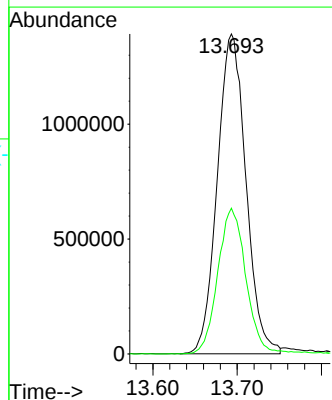
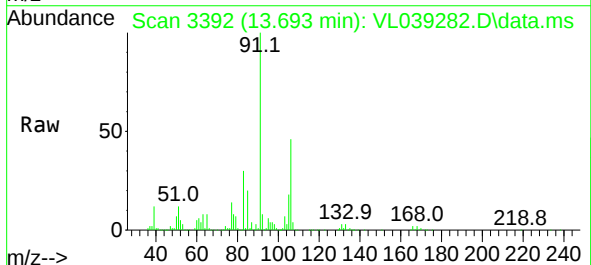
Manual Integrations
APPROVED

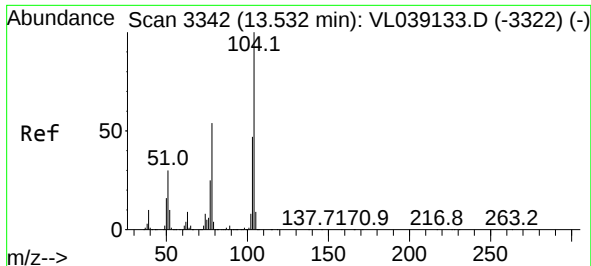
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#60
o-Xylene
Concen: 8.497 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

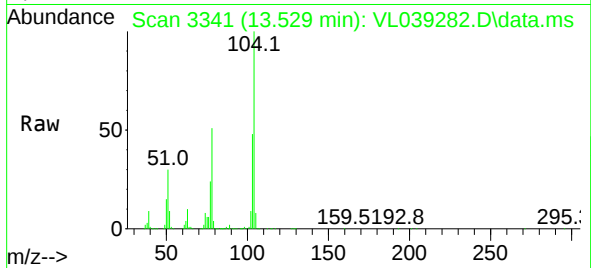
Tgt Ion: 91 Resp: 3277434
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.9





#61
Styrene
Concen: 9.504 ppbv
RT: 13.529 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

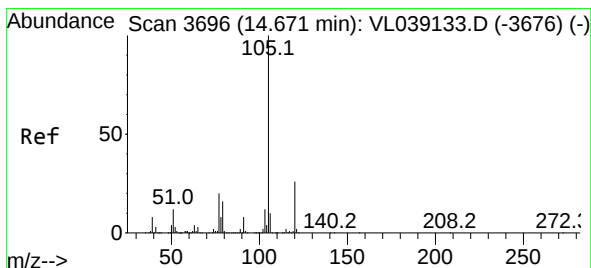
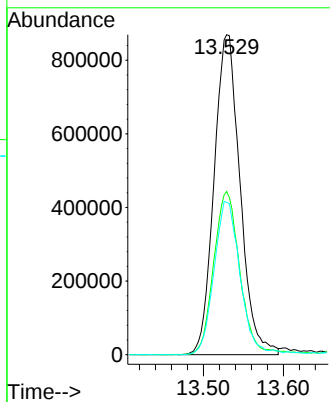
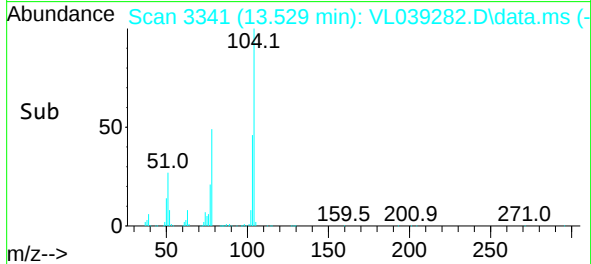
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



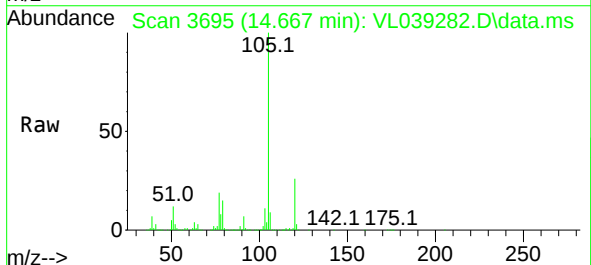
Tgt Ion:104 Resp: 196292
Ion Ratio Lower Upper
104 100
78 51.9 45.7 68.5
103 48.7 39.6 59.4

Manual Integrations
APPROVED

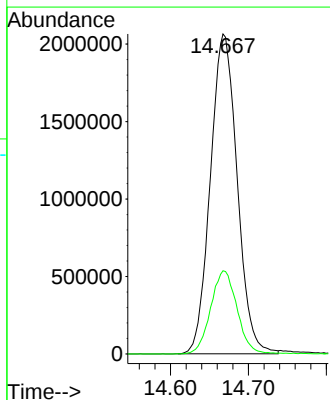
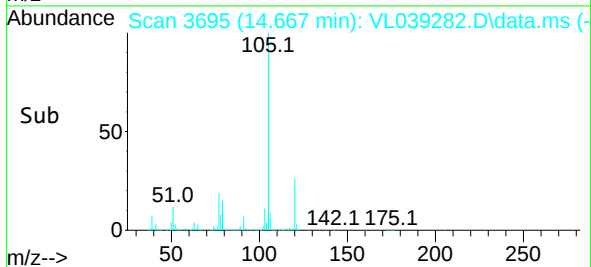
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

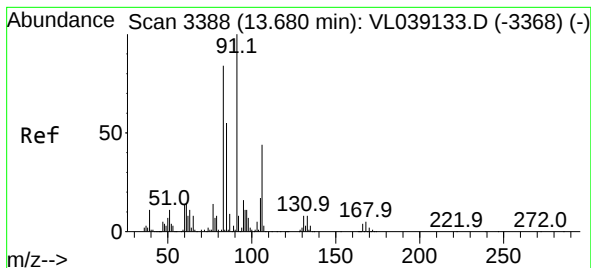


#62
Isopropylbenzene
Concen: 8.615 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



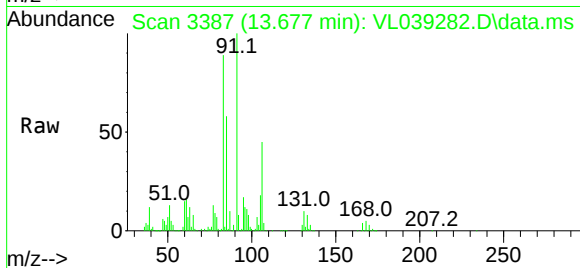
Tgt Ion:105 Resp: 4938898
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.577 ppbv
RT: 13.677 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

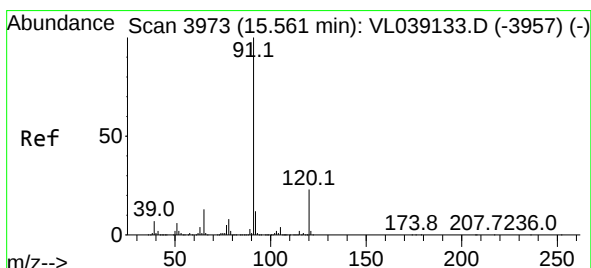
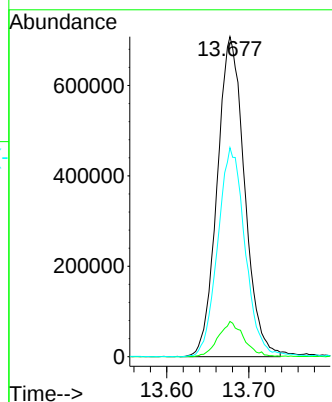
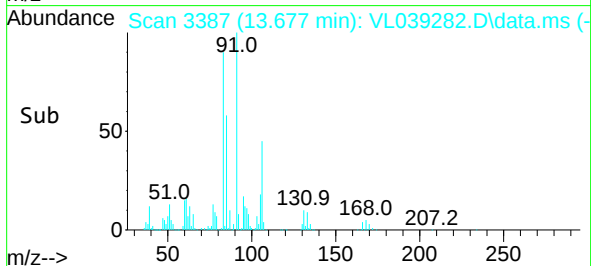
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



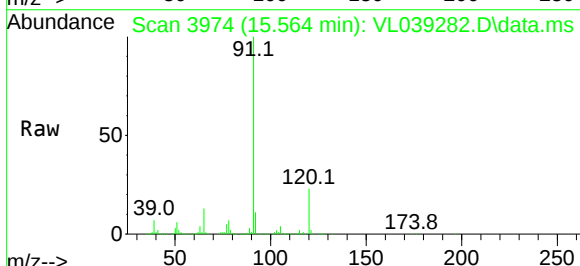
Tgt Ion: 83 Resp: 1640440
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 65.7 33.0 99.0

Manual Integrations
APPROVED

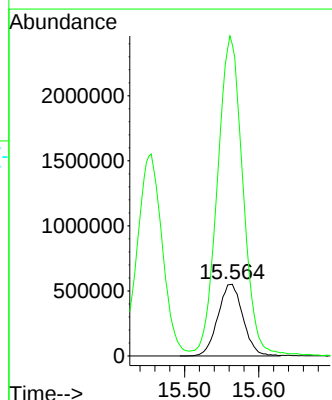
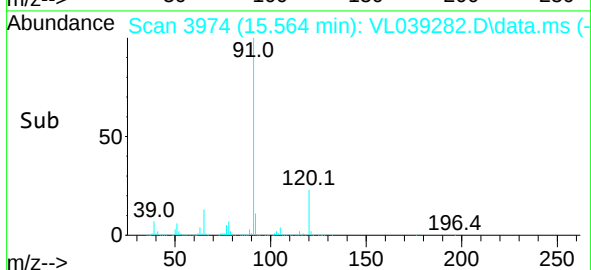
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

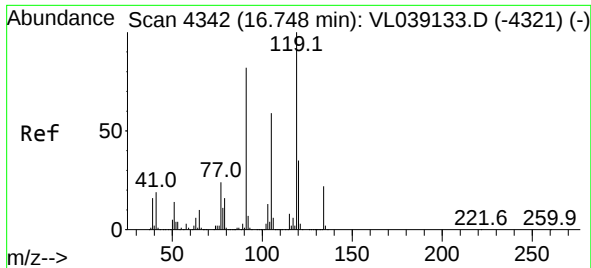


#64
n-propylbenzene
Concen: 9.170 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



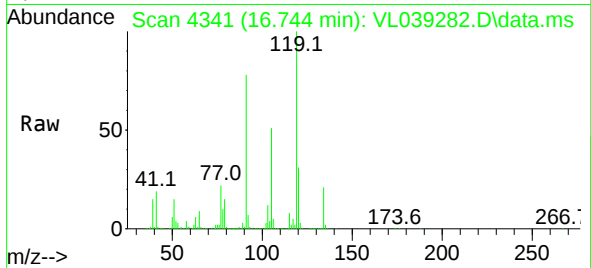
Tgt Ion:120 Resp: 1292345
Ion Ratio Lower Upper
120 100
91 454.6 388.4 582.6





#65
tert-Butylbenzene
Concen: 8.677 ppbv
RT: 16.744 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

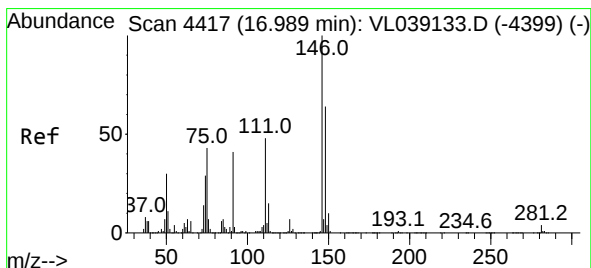
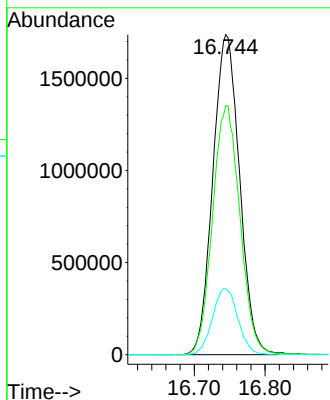
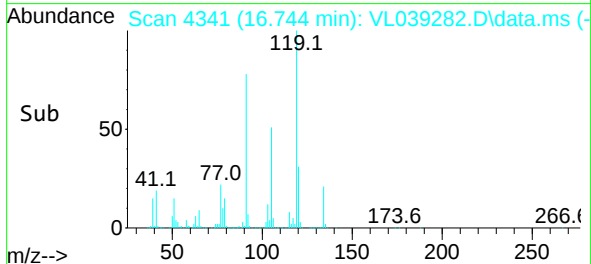
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



Tgt Ion: 119 Resp: 4548534
Ion Ratio Lower Upper
119 100
91 79.7 67.1 100.7
134 19.8 15.8 23.8

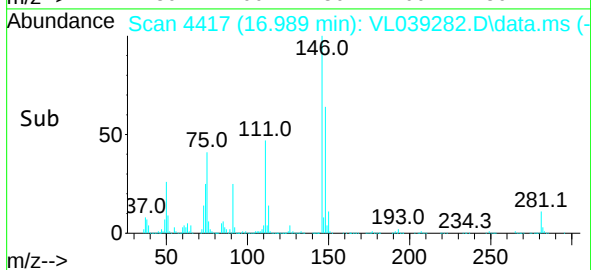
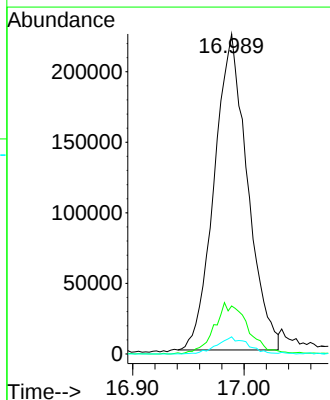
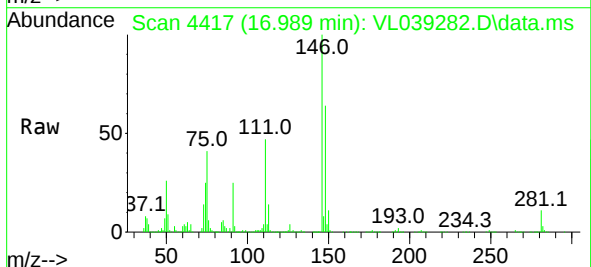
Manual Integrations
APPROVED

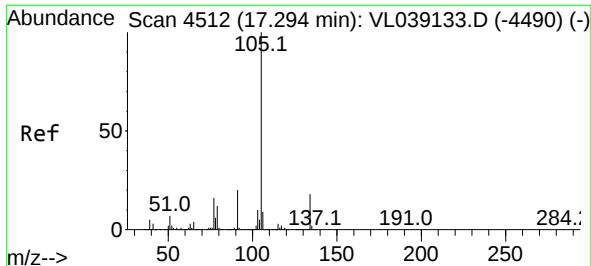
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#66
Benzyl Chloride
Concen: 6.796 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

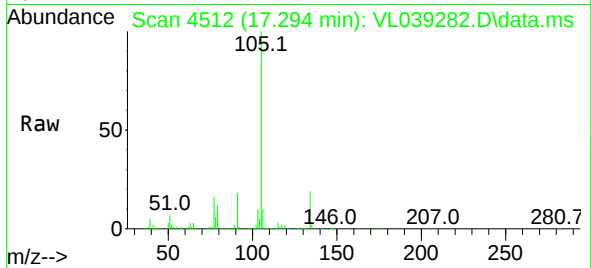
Tgt Ion: 91 Resp: 463252
Ion Ratio Lower Upper
91 100
126 16.8 13.4 20.0
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 8.639 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

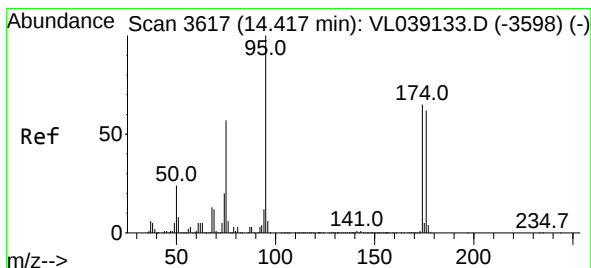
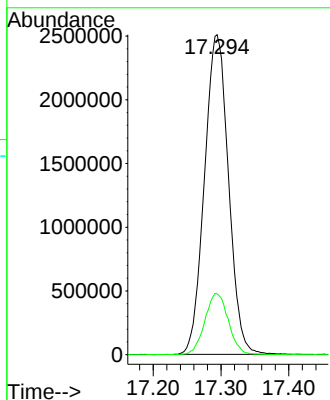
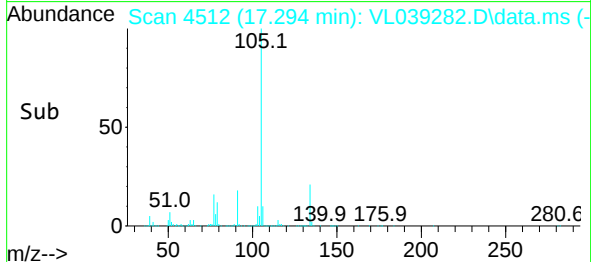
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01



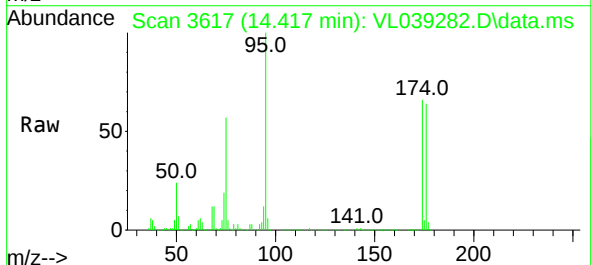
Tgt Ion: 105 Resp: 617901
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.4 21.6

Manual Integrations
 APPROVED

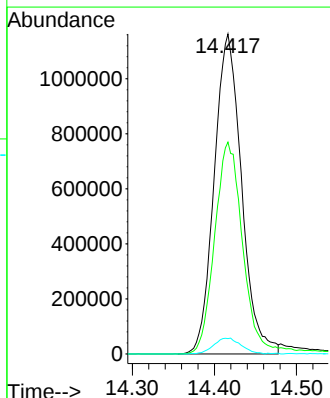
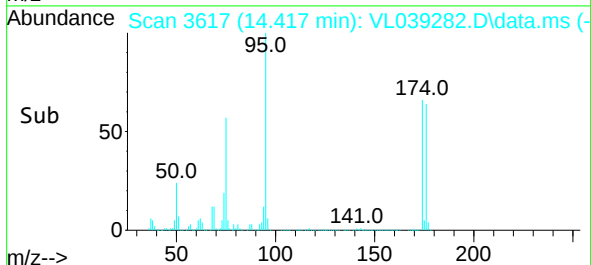
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

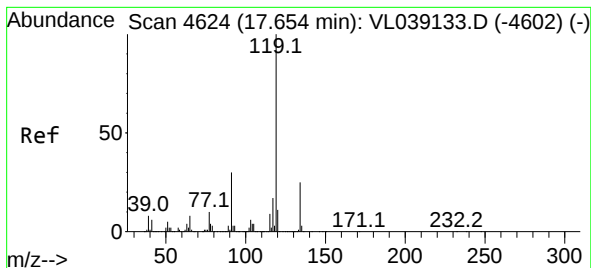


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.641 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07



Tgt Ion: 95 Resp: 2697222
 Ion Ratio Lower Upper
 95 100
 174 69.8 53.8 80.8
 175 5.1 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.885 ppbv

RT: 17.651 min Scan# 4623

Delta R.T. -0.003 min

Lab File: VL039282.D

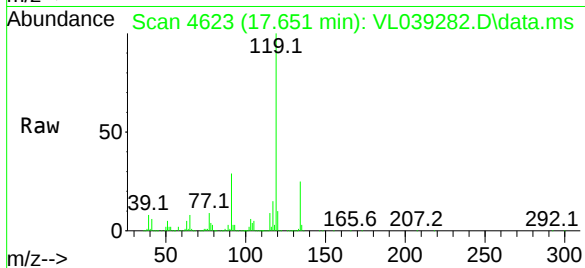
Acq: 14 Jun 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

VL0614ABS01



Tgt Ion:119 Resp: 5361958

Ion Ratio Lower Upper

119 100

134 24.9 20.4 30.6

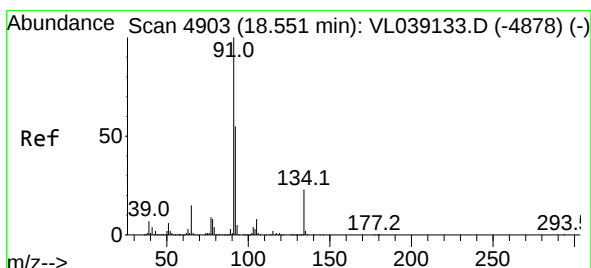
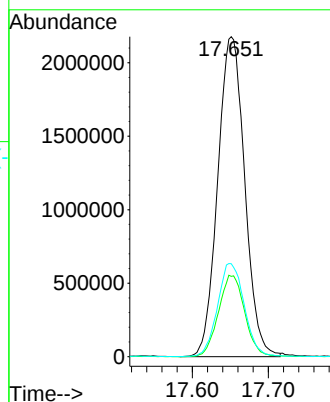
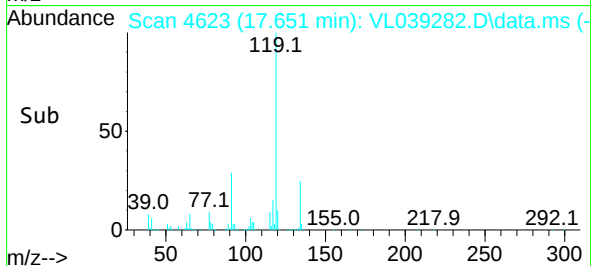
91 28.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#70

n-Butylbenzene

Concen: 8.479 ppbv

RT: 18.548 min Scan# 4902

Delta R.T. -0.003 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

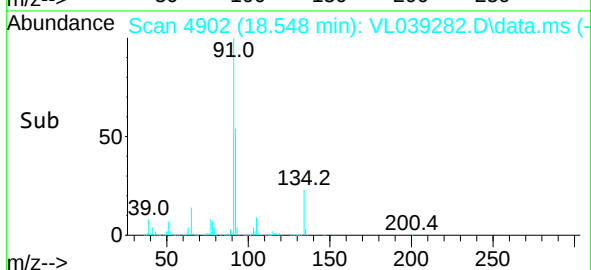
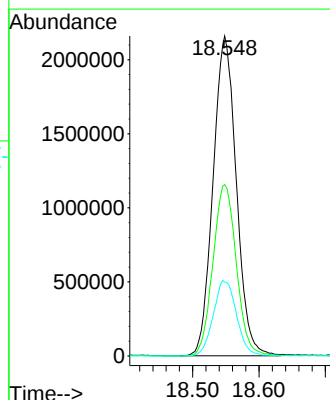
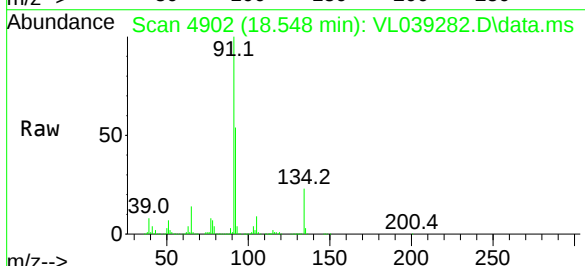
Tgt Ion: 91 Resp: 5252072

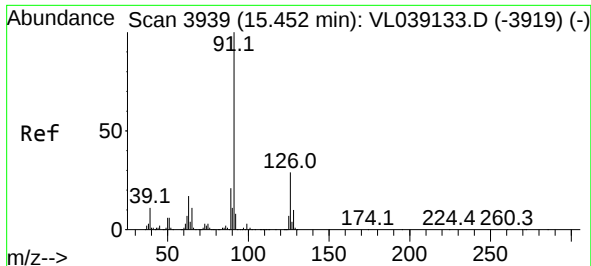
Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

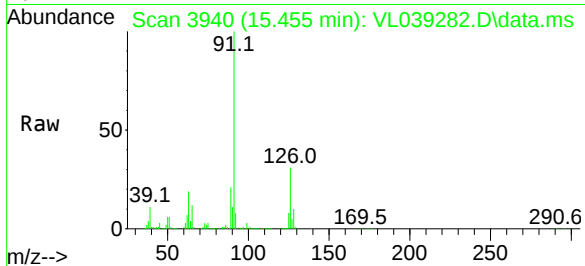
134 23.7 17.7 26.5





#71
2-Chlorotoluene
Concen: 8.278 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

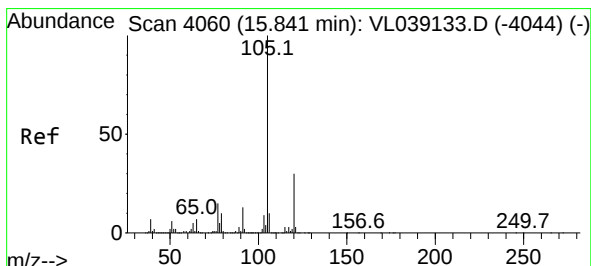
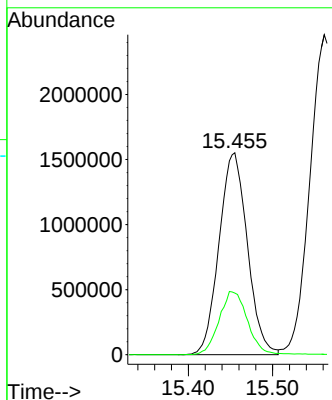
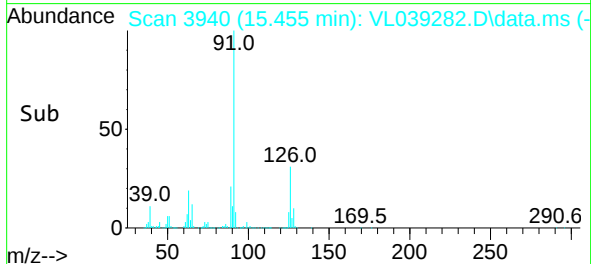
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



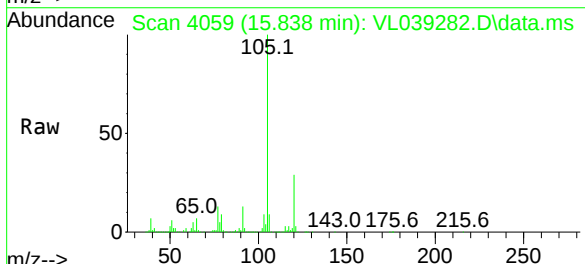
Tgt Ion: 91 Resp: 361875
Ion Ratio Lower Upper
91 100
126 31.9 12.2 48.6

Manual Integrations
APPROVED

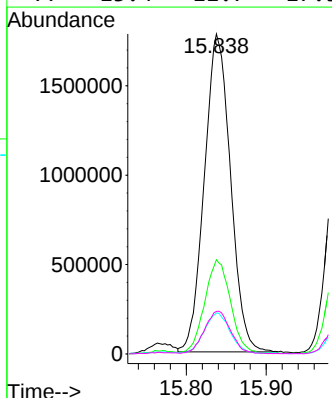
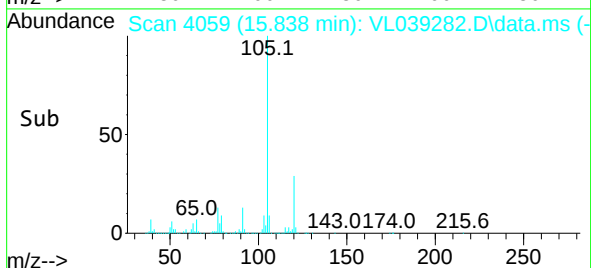
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

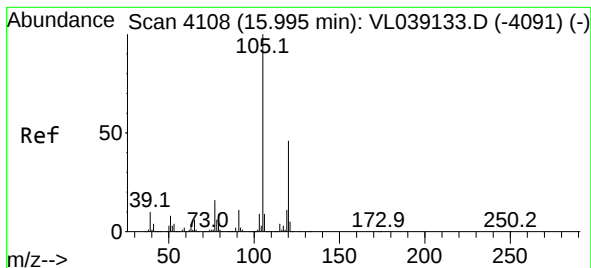


#72
4-Ethyltoluene
Concen: 8.944 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion:105 Resp: 4043237
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 12.9 10.6 16.0
77 13.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.032 ppbv

RT: 15.995 min Scan# 4108

Delta R.T. 0.000 min

Lab File: VL039282.D

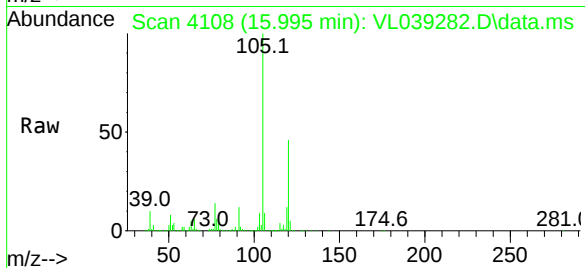
Acq: 14 Jun 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

VL0614ABS01



Tgt Ion:105 Resp: 368251

Ion Ratio Lower Upper

105 100

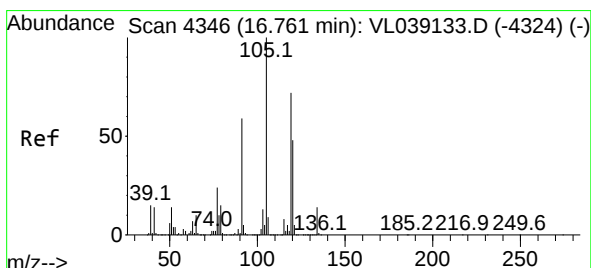
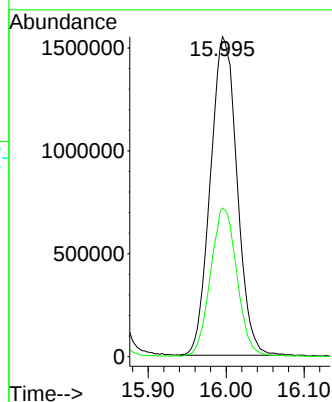
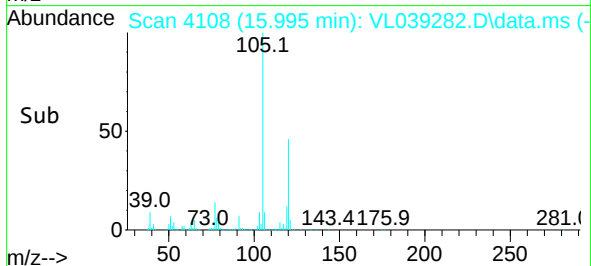
120 46.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.667 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

Tgt Ion:105 Resp: 3943377

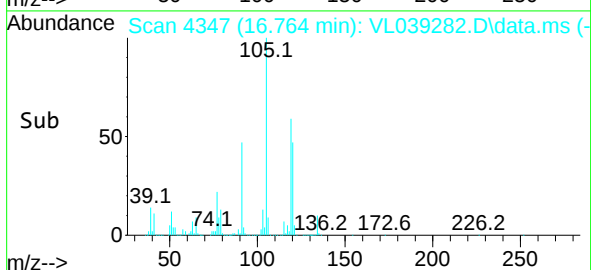
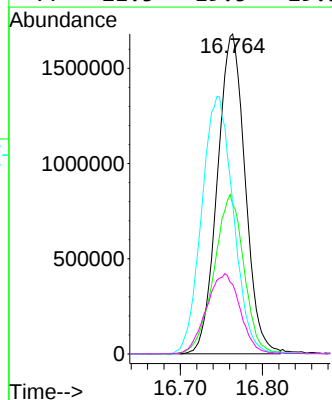
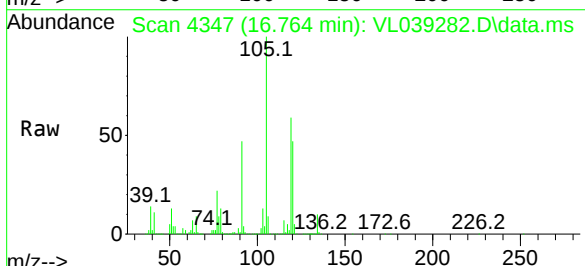
Ion Ratio Lower Upper

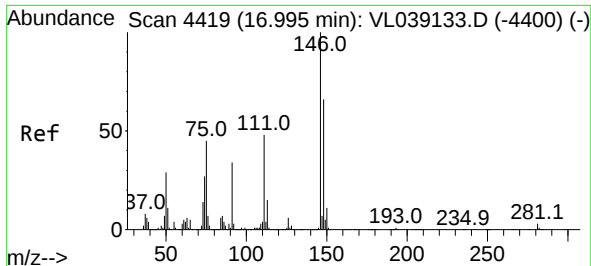
105 100

120 46.3 38.1 57.1

91 46.5 47.4 71.0#

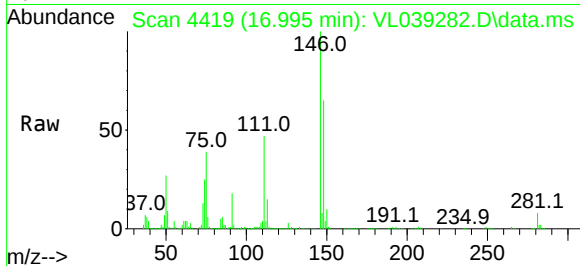
77 21.5 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 9.001 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

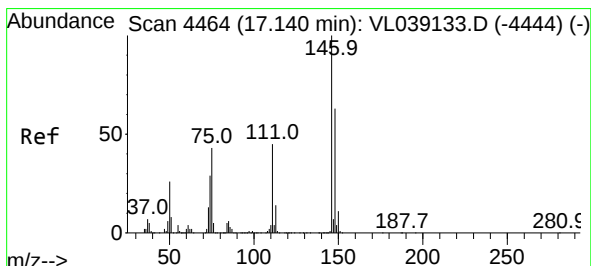
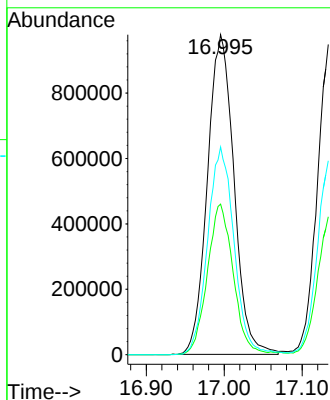
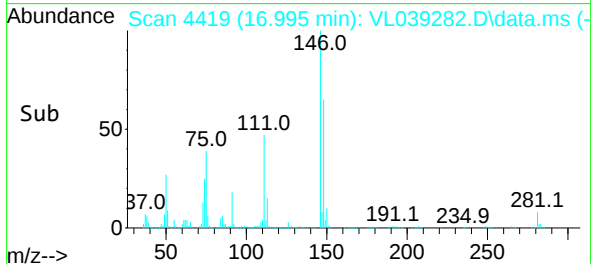
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



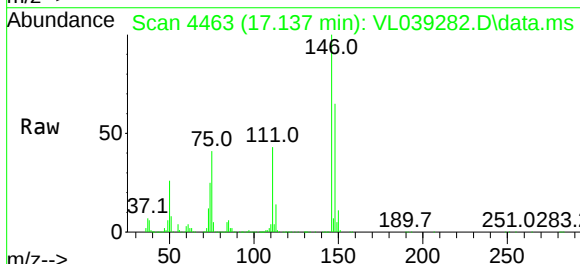
Tgt Ion:146 Resp: 231805
Ion Ratio Lower Upper
146 100
111 46.1 23.8 71.4
148 64.6 32.4 97.0

Manual Integrations
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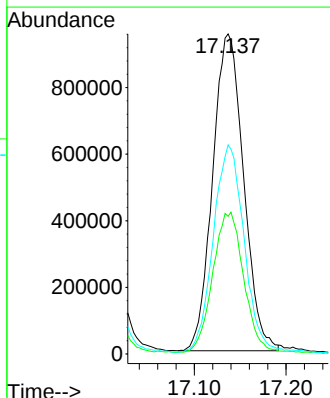
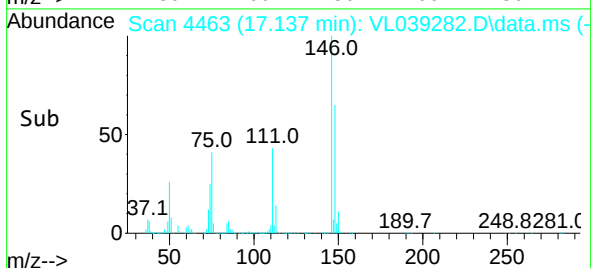
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

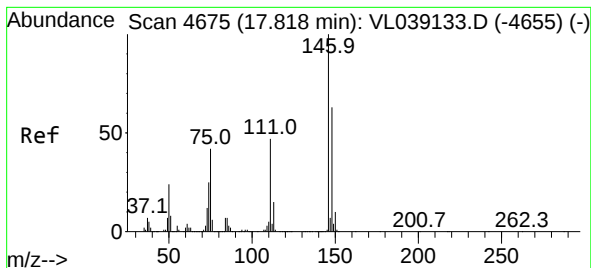


#76
1,4-Dichlorobenzene
Concen: 8.679 ppbv
RT: 17.137 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



Tgt Ion:146 Resp: 2230237
Ion Ratio Lower Upper
146 100
111 46.0 23.6 71.0
148 67.1 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 8.645 ppbv

RT: 17.815 min Scan# 40

Delta R.T. -0.003 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

VL0614ABS01

Tgt Ion:146 Resp: 224391

Ion Ratio Lower Upper

146 100

111 47.7 24.4 73.4

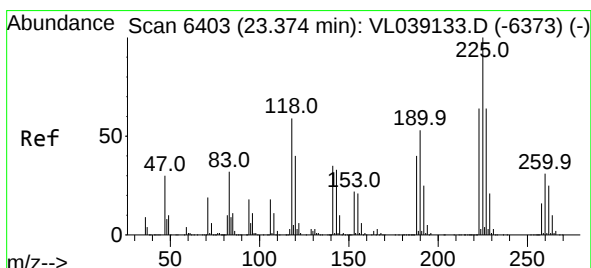
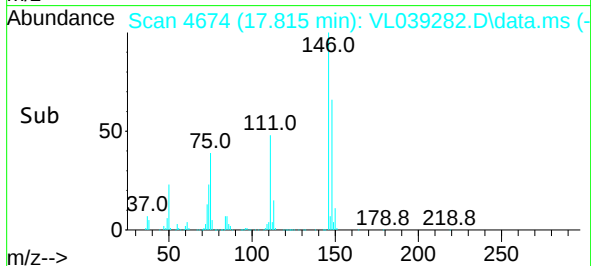
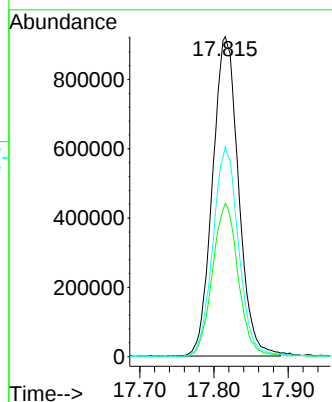
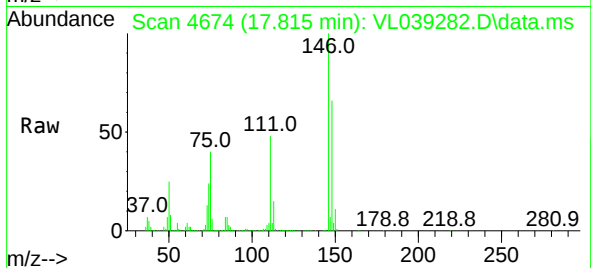
148 65.0 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.214 ppbv

RT: 23.371 min Scan# 6402

Delta R.T. -0.003 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

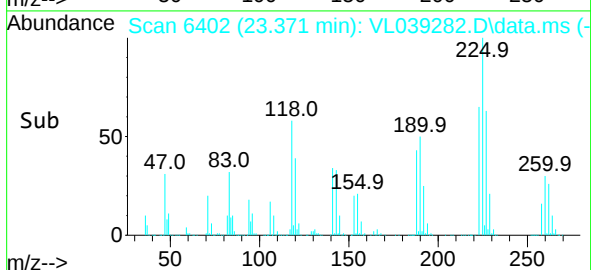
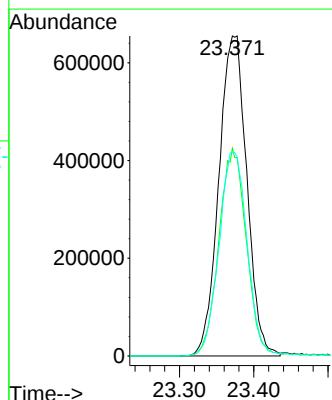
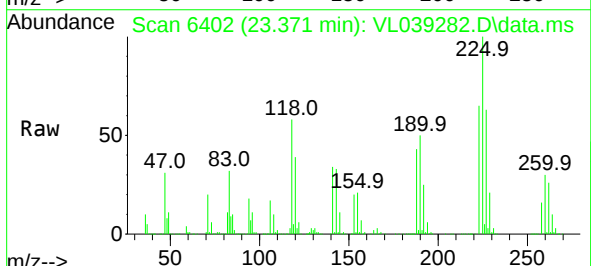
Tgt Ion:225 Resp: 1712411

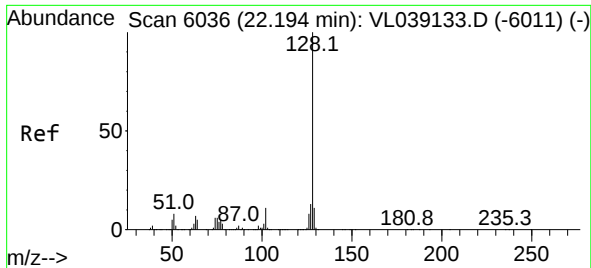
Ion Ratio Lower Upper

225 100

223 64.1 51.4 77.0

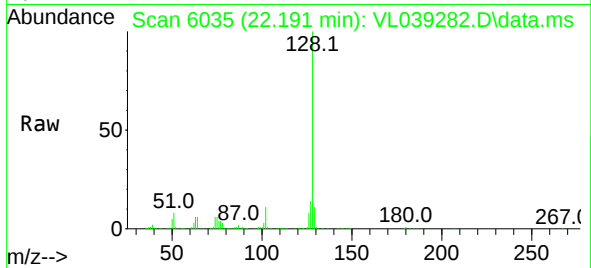
227 64.6 50.6 75.8





#79
Naphthalene
Concen: 9.421 ppbv
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

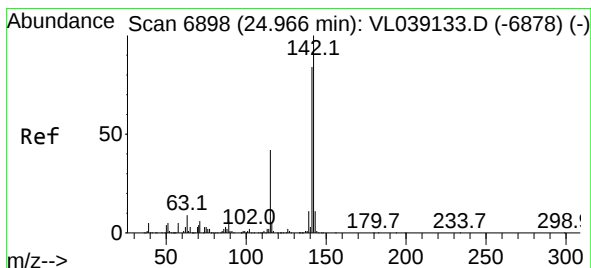
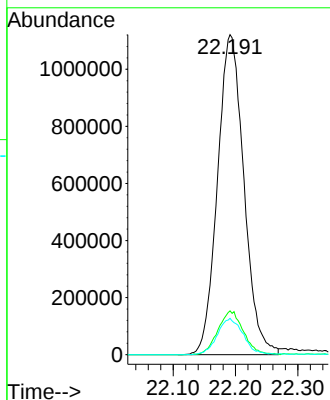
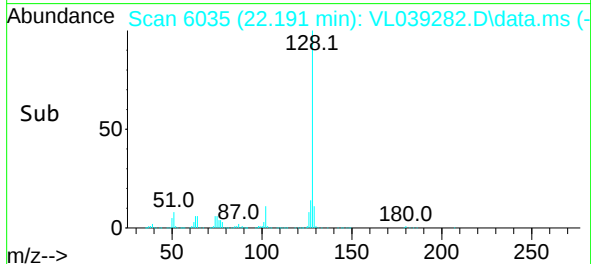
Instrument :
MSVOA_L
ClientSampleId :
VL0614ABS01



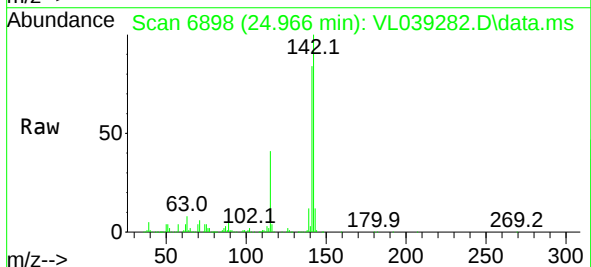
Tgt Ion:128 Resp: 3299738
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.4 9.0 13.6

Manual Integrations
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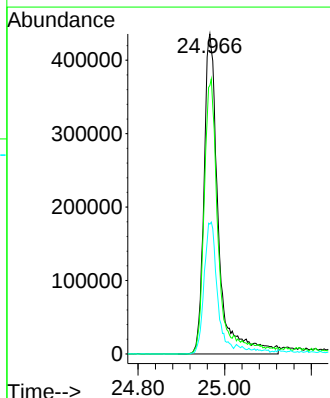
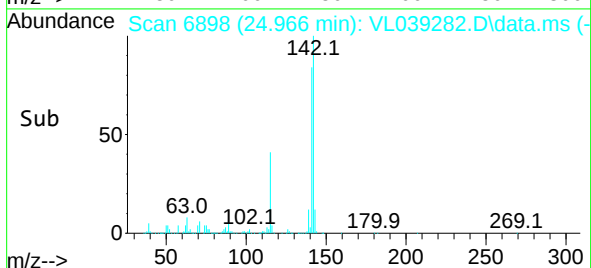
Reviewed By :Semsettin Yesilyurt 06/16/2022
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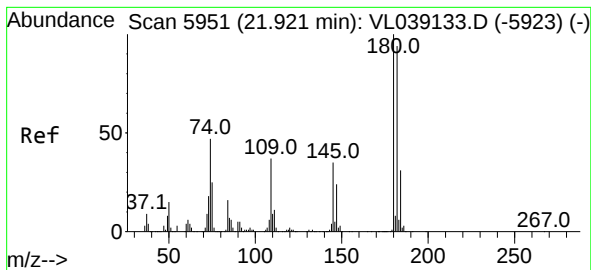


#80
Naphthalene,2-methyl-
Concen: 7.739 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.000 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07



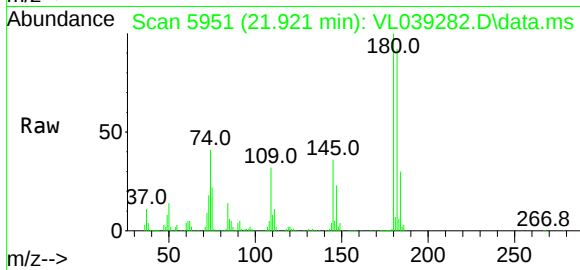
Tgt Ion:142 Resp: 1007171
Ion Ratio Lower Upper
142 100
141 84.8 64.6 96.8
115 40.9 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 8.688 ppbv
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.000 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABS01



Tgt Ion:180 Resp: 192794

Ion	Ratio	Lower	Upper
180	100		
182	97.1	0.0	0.0
184	30.9	0.0	0.0

Manual Integrations
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