

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039519.D
 Acq On : 25 Jul 2022 12:28
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:05:00 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1048980	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.182	114	2913606	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	2864493m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 2145018 10.094 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1186748	7.843	ppbv	96
3) Chlorodifluoromethane	2.996	51	1301833	9.782	ppbv	99
4) Chloromethane	3.147	50	723041	9.934	ppbv	99
5) Vinyl Chloride	3.263	62	673639	9.386	ppbv	94
6) Bromomethane	3.481	94	311814	10.323	ppbv	95
7) Chloroethane	3.565	64	261700	10.251	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1619170	9.796	ppbv	97
9) Propene	3.015	41	546410	9.091	ppbv	99
10) Heptane	8.131	43	1474370	10.474	ppbv	99
11) Trichlorofluoromethane	3.957	101	1732872	10.278	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.491	101	1277782	10.166	ppbv	99
13) Ethanol	3.603	45	41783m	11.983	ppbv	
14) Bromoethene	3.745	108	532550	10.078	ppbv	98
15) Acetone	3.851	43	1301784	10.490	ppbv	100
16) 1,3-Butadiene	3.333	39	659195	10.237	ppbv	99
17) tert-Butyl alcohol	4.288	59	1210702	11.494	ppbv	99
18) 1,1-Dichloroethene	4.295	96	590595	10.372	ppbv	100
19) Isopropyl Alcohol	3.963	45	706340	10.670	ppbv	99
20) Methylene Chloride	4.353	84	492439	9.955	ppbv	99
21) Allyl Chloride	4.417	41	893547	10.396	ppbv	100
22) trans-1,2-Dichloroethene	4.893	96	569092	10.325	ppbv	94
23) Vinyl Acetate	5.076	43	990896	11.948	ppbv	98
24) 1,1-Dichloroethane	5.018	63	1335317	11.400	ppbv	98
25) Ethyl Acetate	5.680	43	2696573	10.597	ppbv	100
26) Hexane	5.693	57	1159952	11.308	ppbv	99
27) Carbon Disulfide	4.555	76	1408650	11.378	ppbv	100
28) Methyl tert-Butyl Ether	5.037	73	1279573	11.667	ppbv	96
29) Chloroform	5.758	83	1882960	10.557	ppbv	98
30) Cyclohexane	7.137	84	984735	10.545	ppbv	99
31) cis-1,2-Dichloroethene	5.555	61	1146528	10.534	ppbv	100
32) 1,1,1-Trichloroethane	6.520	97	1904572	10.818	ppbv	98
34) 2-Butanone	5.246	43	1583411	10.796	ppbv	99
35) Carbon Tetrachloride	7.028	117	2021605	11.229	ppbv	97
36) Benzene	6.899	78	2389446	10.596	ppbv	96
37) 1,2-Dichloroethane	6.311	62	1458236	10.956	ppbv	99
38) Trichloroethene	7.841	130	1277594	10.475	ppbv	98
39) 1,2-Dichloropropane	7.619	63	891855	10.587	ppbv	94
40) 1,4-Dioxane	7.835	88	359491	10.709	ppbv	98
41) Tetrahydrofuran	6.053	42	884087	10.402	ppbv	98
42) Bromodichloromethane	7.796	83	2012821	11.216	ppbv	99
43) Methyl Methacrylate	8.018	69	965350	11.259	ppbv	99
44) 2,2,4-Trimethylpentane	7.877	57	3981095	10.418	ppbv	99
45) t-1,3-Dichloropropene	9.285	75	1028964	13.478	ppbv	97

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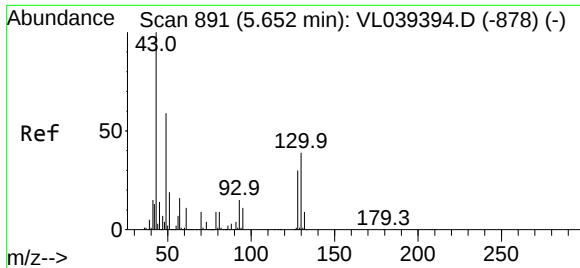
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

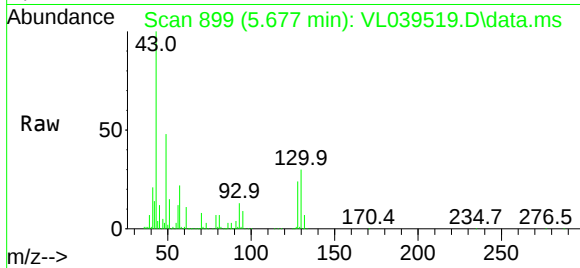
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1312541	12.491	ppbv	98
47) 1,1,2-Trichloroethane	9.481	97	1016663	10.756	ppbv	99
48) Dibromochloromethane	10.314	129	1823139	12.135	ppbv	100
49) Bromoform	13.047	173	1539465	12.702	ppbv	99
50) 4-Methyl-2-Pentanone	8.745	43	2498091	11.264	ppbv	99
51) 2-Hexanone	10.134	43	1918063	11.434	ppbv #	99
52) Tetrachloroethene	11.230	164	920453	10.140	ppbv	96
53) Toluene	9.812	91	2896929	11.137	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1338704	11.382	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.134	131	1326003	10.479	ppbv	96
57) Chlorobenzene	12.153	112	2263680	10.193	ppbv	98
58) Ethyl Benzene	12.716	91	3900652	10.546	ppbv	100
59) m/p-Xylene	13.002	91	6829543m	20.944	ppbv	
60) o-Xylene	13.696	91	3250643	10.527	ppbv	99
61) Styrene	13.532	104	1953849	11.681	ppbv	99
62) Isopropylbenzene	14.674	105	4876120	10.370	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.683	83	1512286	9.344	ppbv	99
64) n-propylbenzene	15.568	120	1273272	10.683	ppbv	100
65) tert-Butylbenzene	16.751	119	4493036	10.340	ppbv	100
66) Benzyl Chloride	16.992	91	577970	13.997	ppbv	99
67) sec-Butylbenzene	17.297	105	6147952	10.504	ppbv	100
69) p-Isopropyltoluene	17.657	119	5323005	10.719	ppbv	100
70) n-Butylbenzene	18.555	91	5213969	10.817	ppbv	100
71) 2-Chlorotoluene	15.458	91	3554842	10.563	ppbv	100
72) 4-Ethyltoluene	15.841	105	4027644	11.094	ppbv	99
73) 1,3,5-Trimethylbenzene	16.002	105	3636607	10.907	ppbv	100
74) 1,2,4-Trimethylbenzene	16.767	105	3946694	10.700	ppbv	98
75) 1,3-Dichlorobenzene	16.998	146	2365328	10.750	ppbv	100
76) 1,4-Dichlorobenzene	17.143	146	2306764	10.578	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	2299282	10.542	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	1642950	9.367	ppbv	100
79) Naphthalene	22.198	128	3266796	12.869	ppbv	98
80) Naphthalene,2-methyl-	24.969	142	1229380	14.229	ppbv	98
81) 1,2,4-Trichlorobenzene	21.927	180	1829646	11.066	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

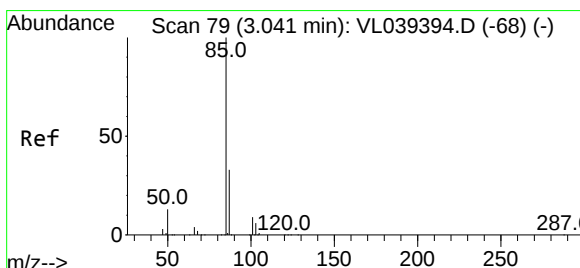
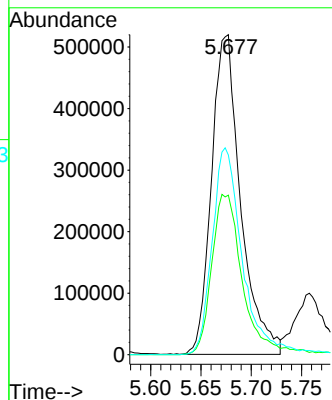
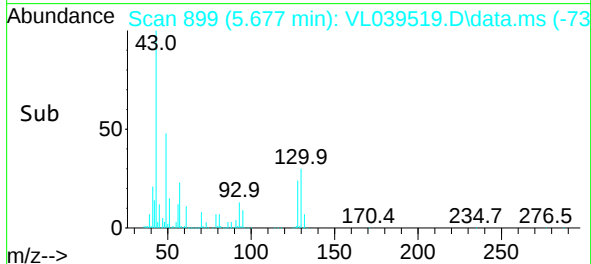
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



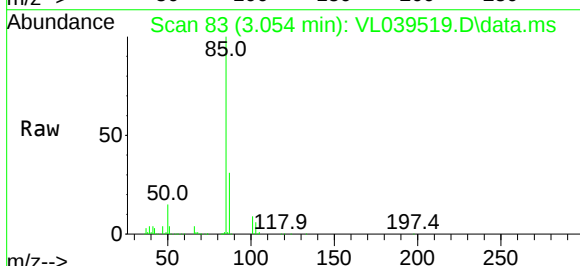
Tgt Ion: 49 Resp: 1048980
Ion Ratio Lower Upper
49 100
128 53.7 26.7 80.0
130 68.0 34.3 102.8

Manual Integrations
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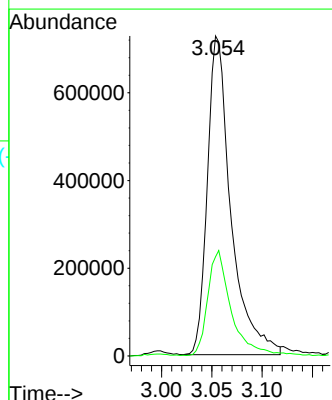
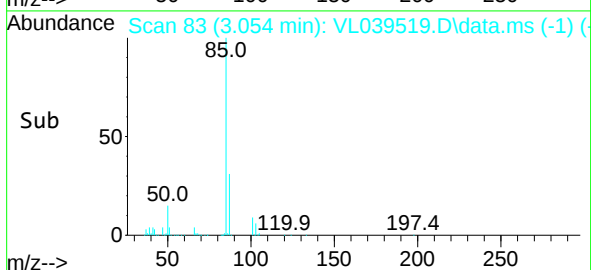
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

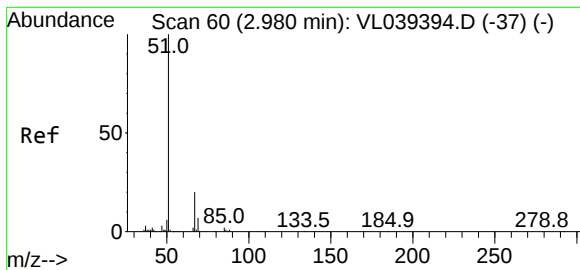


#2
Dichlorodifluoromethane
Concen: 7.843 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



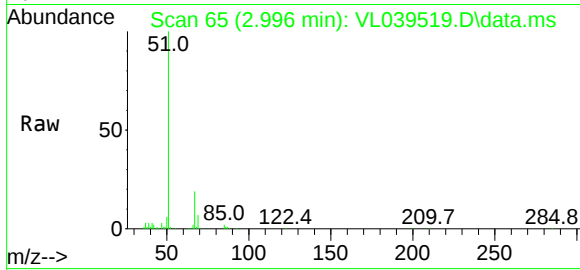
Tgt Ion: 85 Resp: 1186748
Ion Ratio Lower Upper
85 100
87 31.0 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.782 ppbv
RT: 2.996 min Scan# 60
Delta R.T. 0.016 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

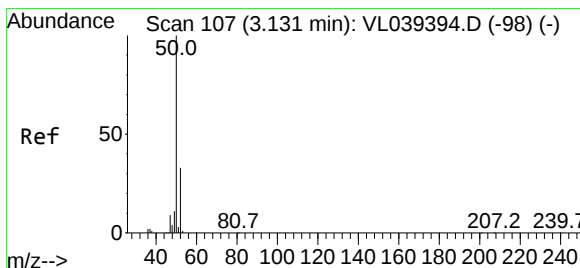
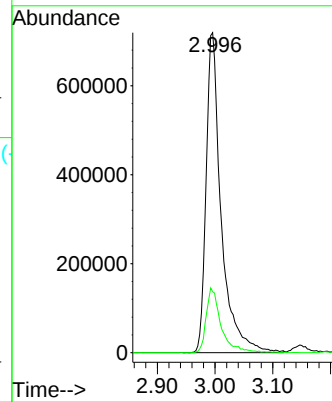
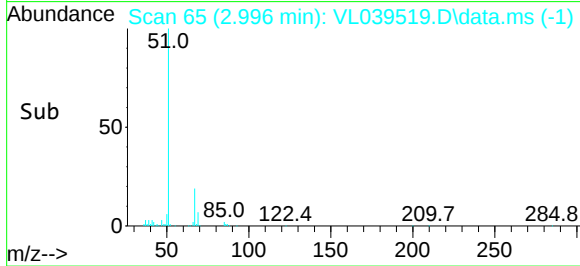
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 130183
Ion Ratio Lower Upper
51 100
67 20.2 15.7 23.5

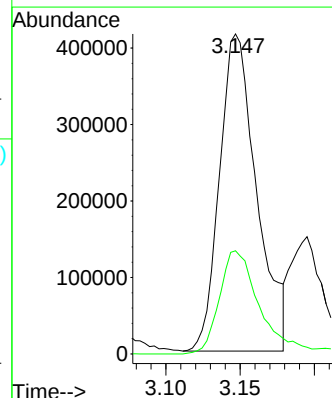
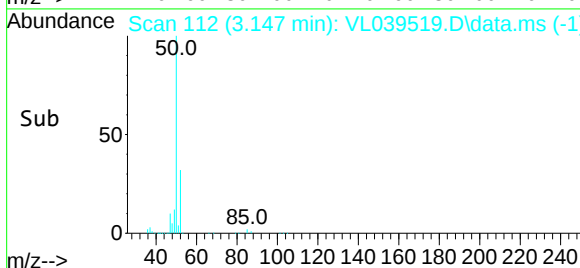
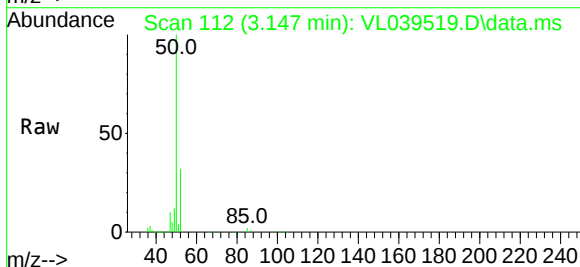
Manual Integrations
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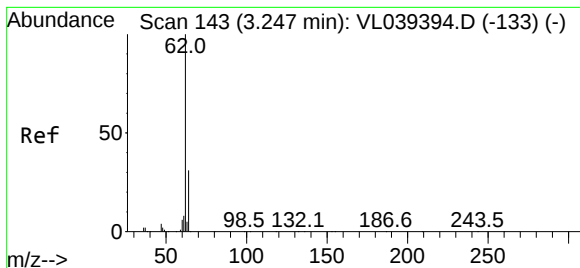
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#4
Chloromethane
Concen: 9.934 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

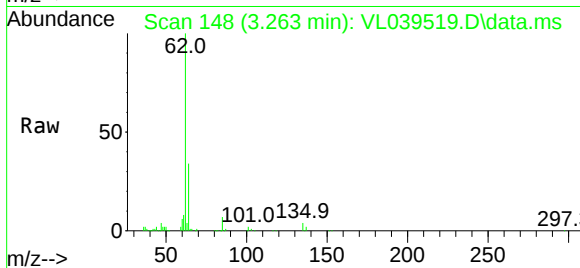
Tgt Ion: 50 Resp: 723041
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.386 ppbv
 RT: 3.263 min Scan# 143
 Delta R.T. 0.016 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

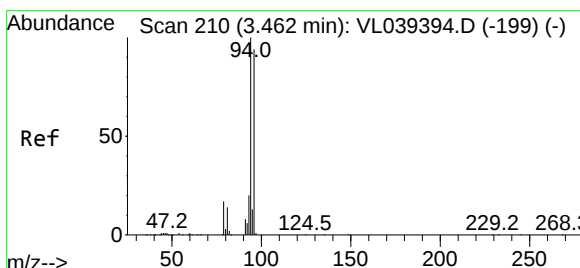
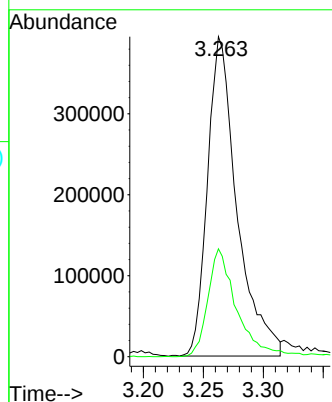
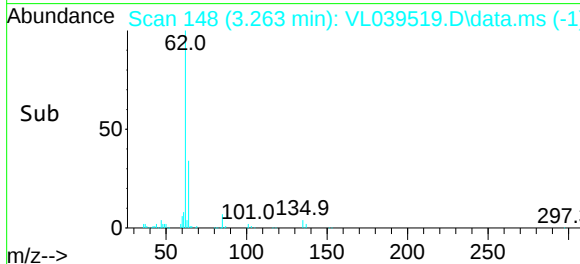
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



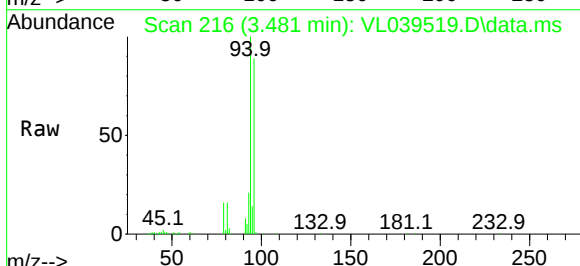
Tgt Ion: 62 Resp: 673639
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.6 36.8

Manual Integrations
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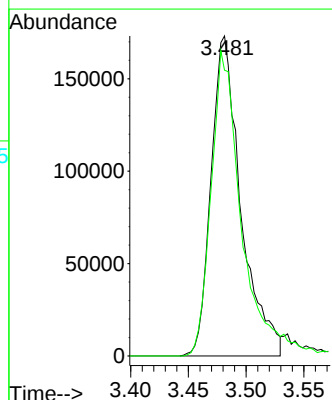
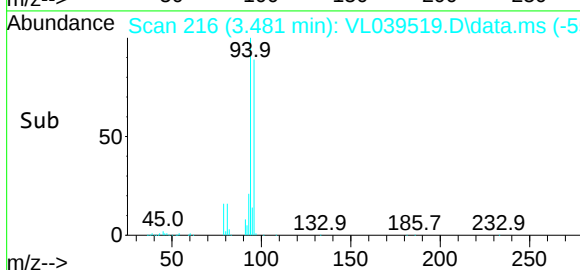
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

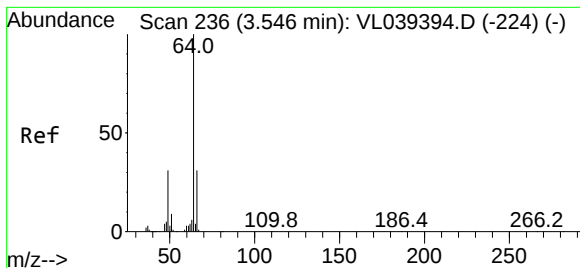


#6
 Bromomethane
 Concen: 10.323 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28



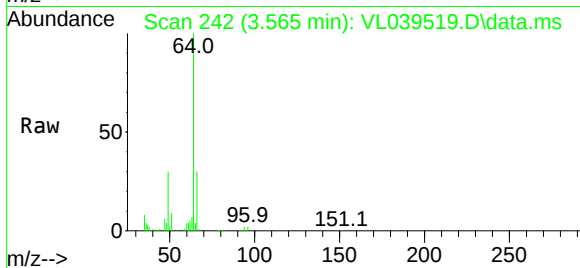
Tgt Ion: 94 Resp: 311814
 Ion Ratio Lower Upper
 94 100
 96 89.3 75.6 113.4





#7
Chloroethane
Concen: 10.251 ppbv
RT: 3.565 min Scan# 242
Delta R.T. 0.019 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

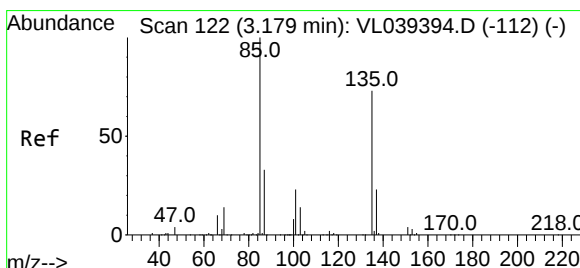
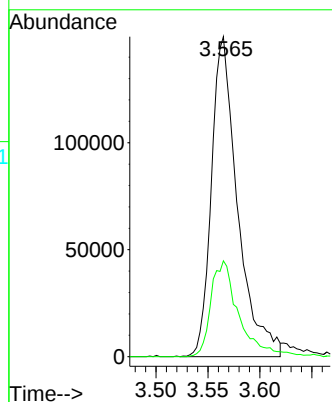
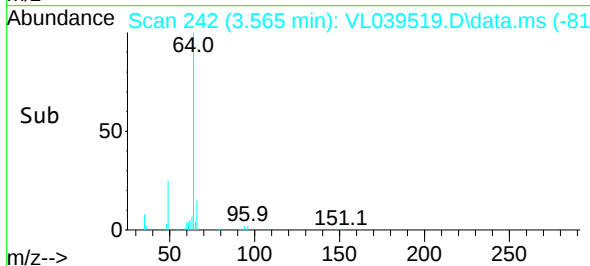
Instrument :
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ClientSampleId :
VSTDCCC010



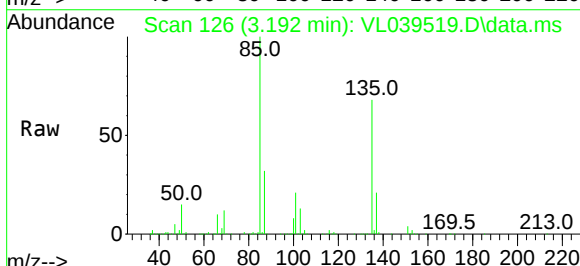
Tgt Ion: 64 Resp: 261700
Ion Ratio Lower Upper
64 100
66 30.0 24.7 37.1

Manual Integrations
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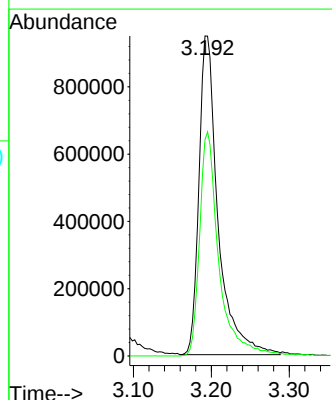
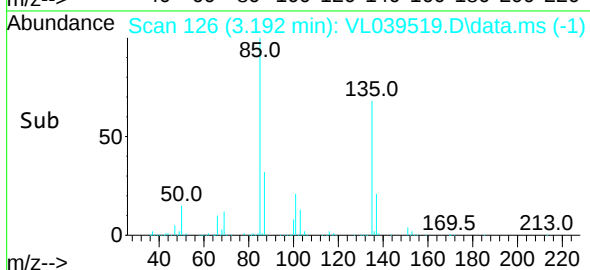
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

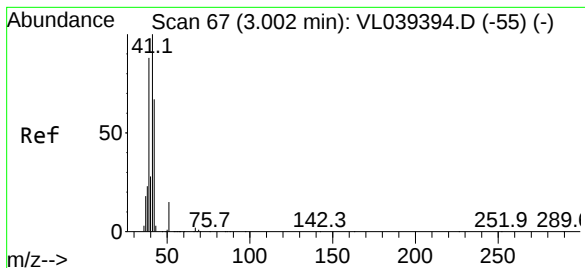


#8
Dichlorotetrafluoroethane
Concen: 9.796 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.013 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



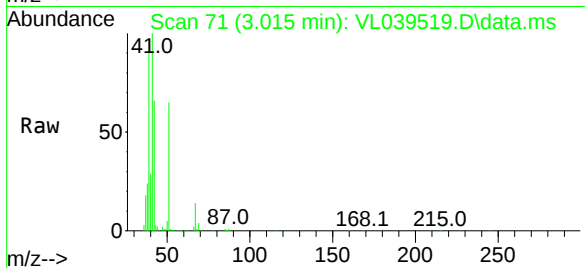
Tgt Ion: 85 Resp: 1619170
Ion Ratio Lower Upper
85 100
135 71.1 59.0 88.4





#9
 Propene
 Concen: 9.091 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

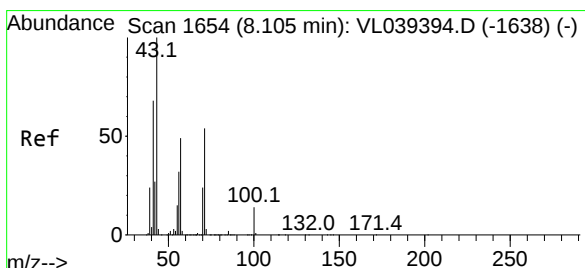
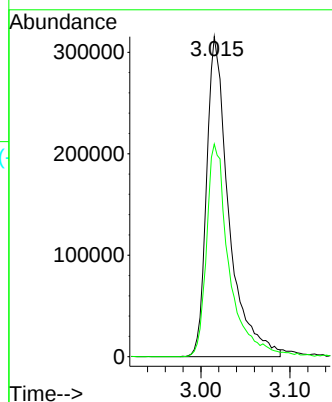
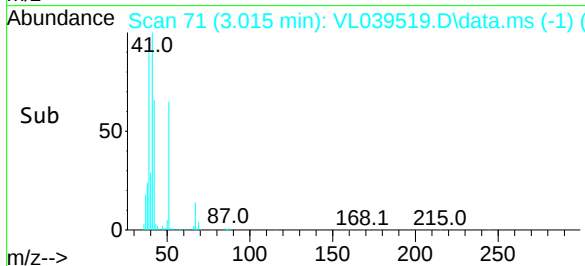
Instrument :
 MSVOA_L
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 VSTDCCC010



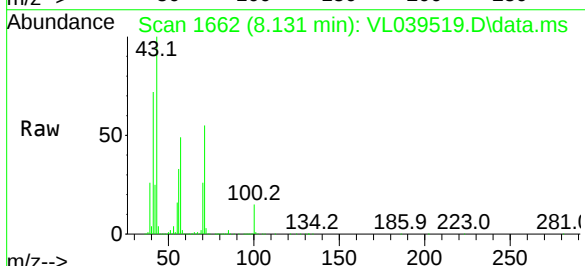
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 Ion Ratio Lower Upper
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Manual Integrations
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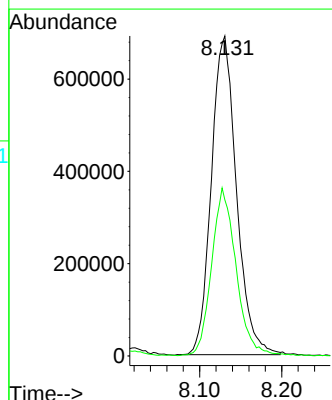
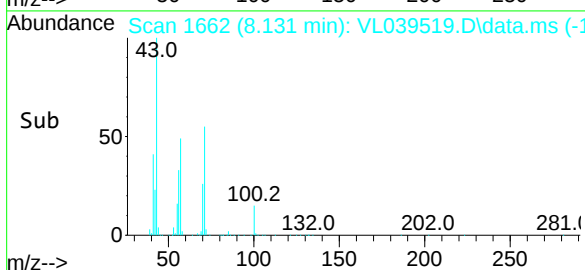
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

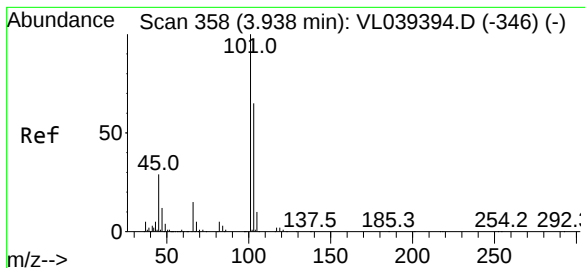


#10
 Heptane
 Concen: 10.474 ppbv
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.026 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28



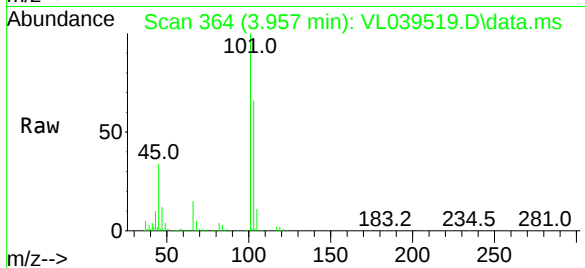
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 Ion Ratio Lower Upper
 43 100
 57 51.5 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 10.278 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

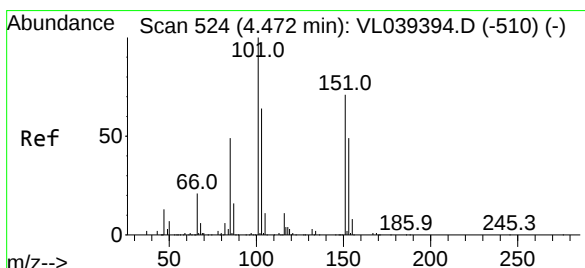
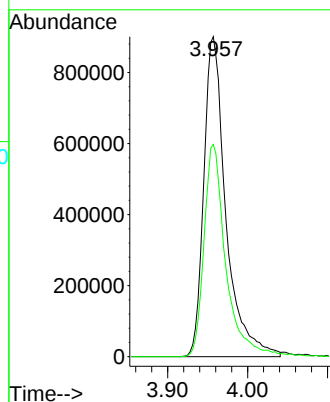
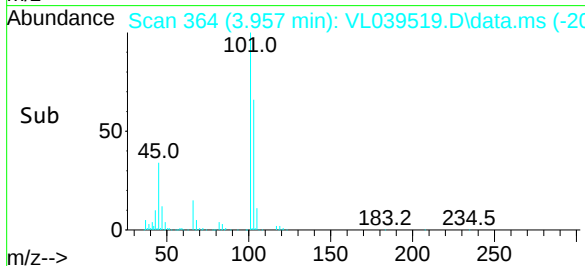
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



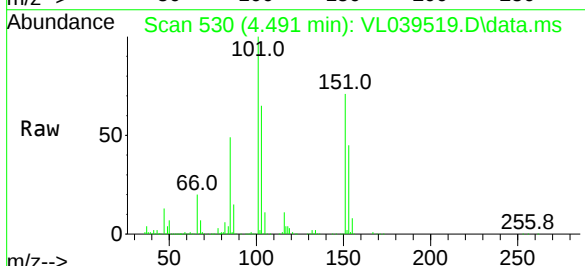
Tgt Ion:101 Resp: 1732872
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.8

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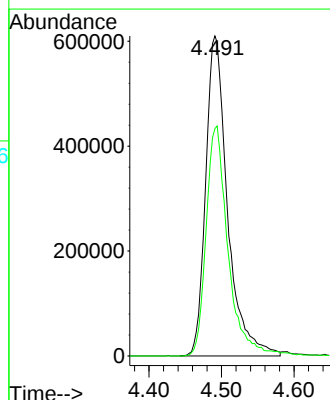
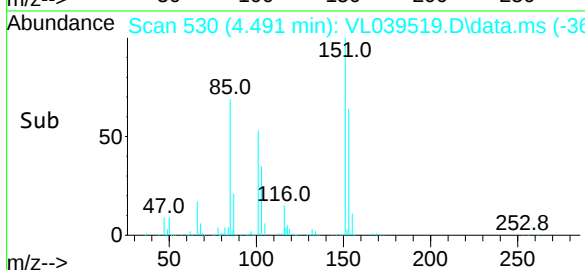
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

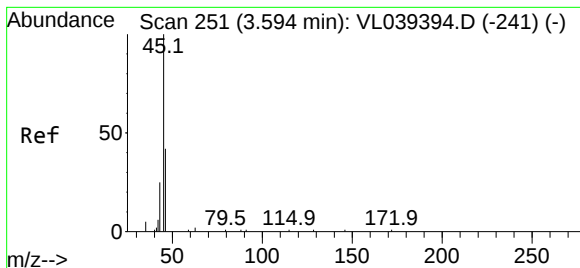


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.166 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. 0.019 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28



Tgt Ion:101 Resp: 1277782
 Ion Ratio Lower Upper
 101 100
 151 72.4 58.9 88.3





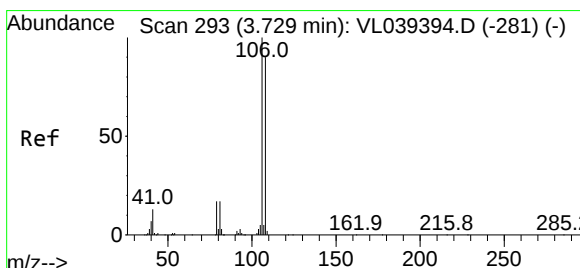
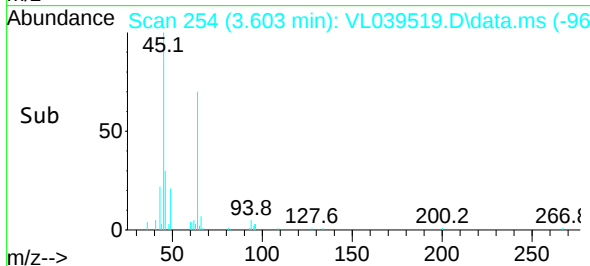
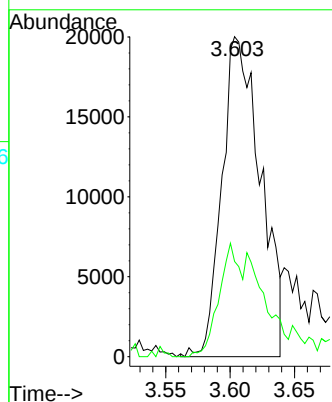
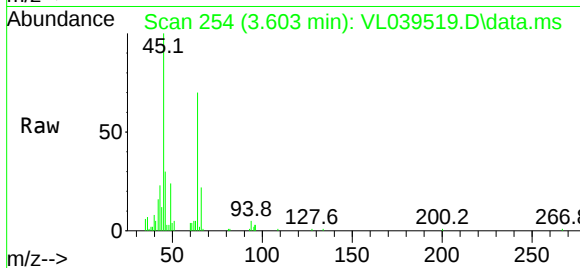
#13
Ethanol
Concen: 11.983 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 4178
Ion Ratio Lower Upper
45 100
46 41.9 22.8 91.2

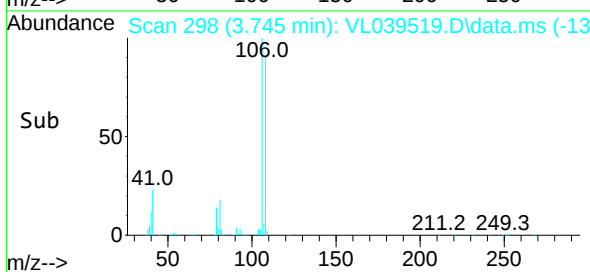
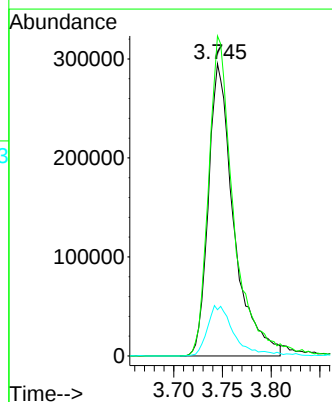
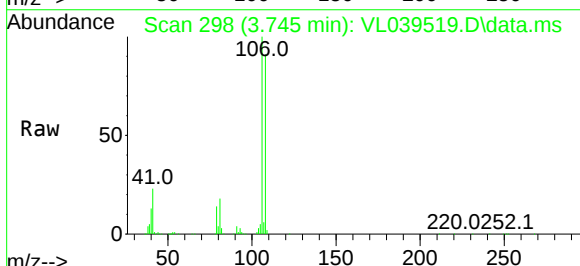
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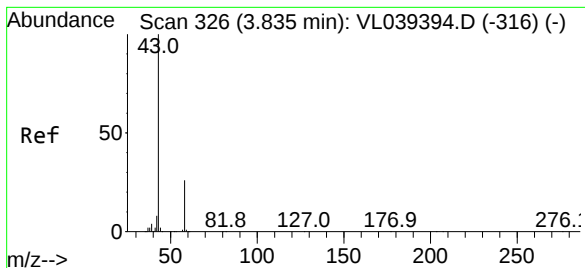
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#14
Bromoethene
Concen: 10.078 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.016 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Tgt Ion:108 Resp: 532550
Ion Ratio Lower Upper
108 100
106 110.9 87.1 130.7
79 18.6 14.6 22.0





#15

Acetone

Concen: 10.490 ppbv

RT: 3.851 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1301784

Ion Ratio Lower Upper

43 100

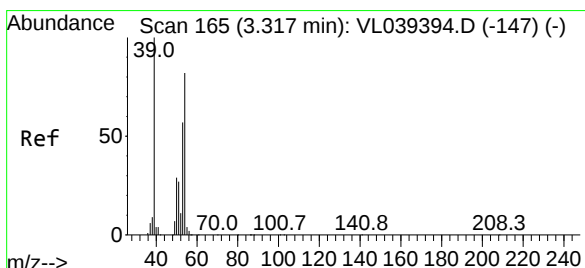
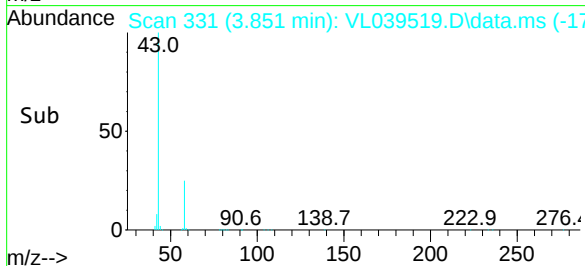
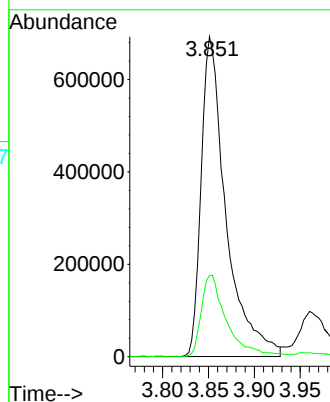
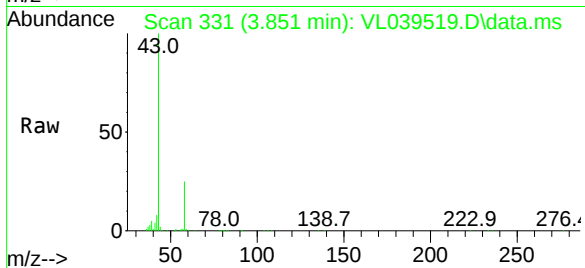
58 26.2 21.0 31.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#16

1,3-Butadiene

Concen: 10.237 ppbv

RT: 3.333 min Scan# 170

Delta R.T. 0.016 min

Lab File: VL039519.D

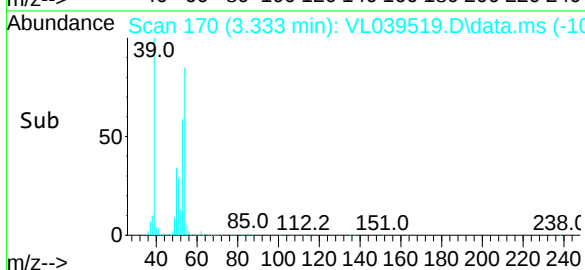
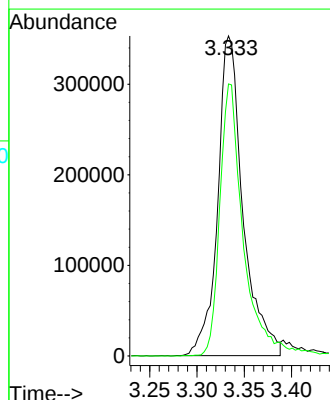
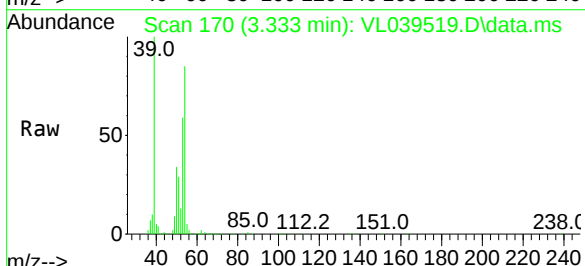
Acq: 25 Jul 2022 12:28

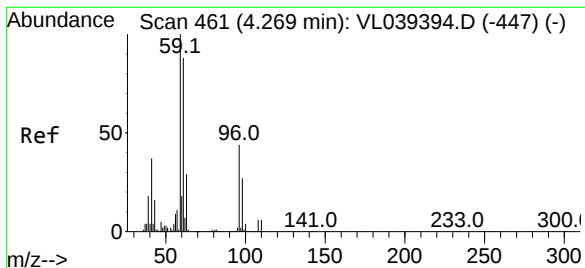
Tgt Ion: 39 Resp: 659195

Ion Ratio Lower Upper

39 100

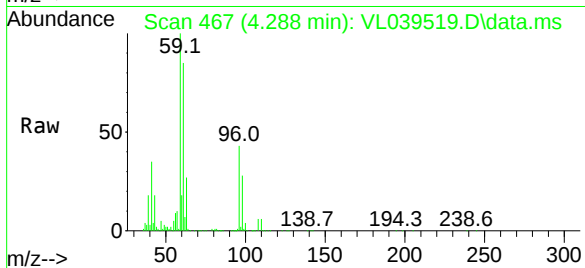
54 80.1 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.494 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.019 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

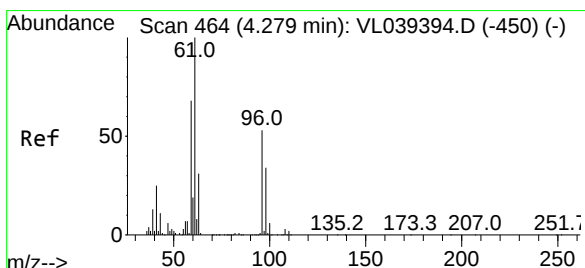
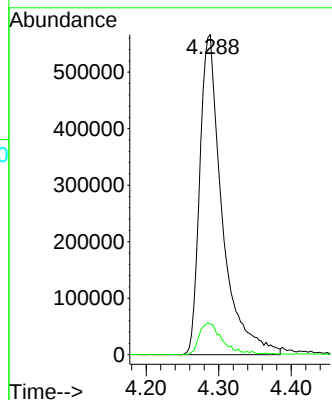
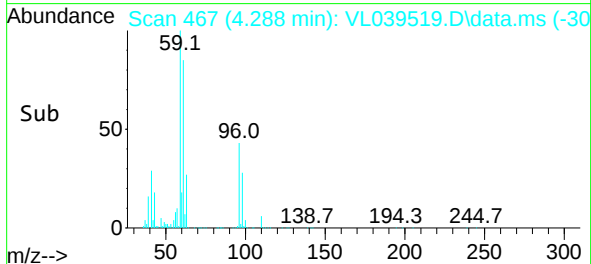
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



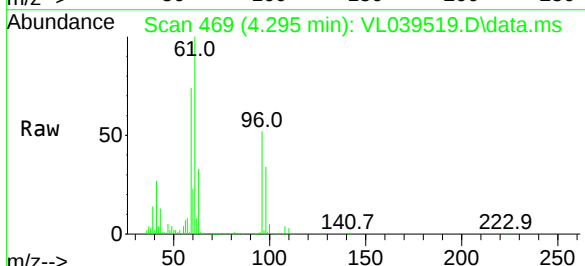
Tgt Ion: 59 Resp: 121070
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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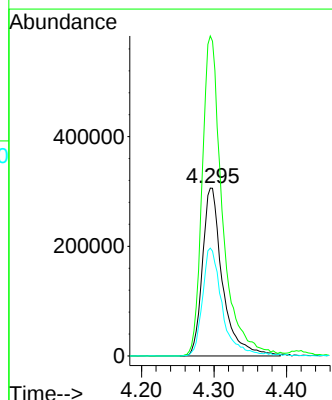
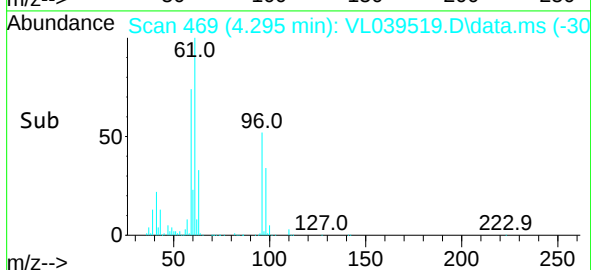
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

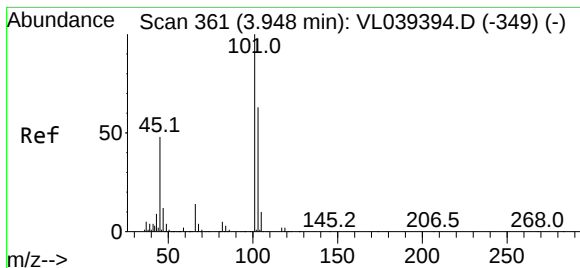


#18
1,1-Dichloroethene
Concen: 10.372 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.016 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



Tgt Ion: 96 Resp: 590595
Ion Ratio Lower Upper
96 100
61 190.6 152.2 228.4
98 64.3 51.8 77.6





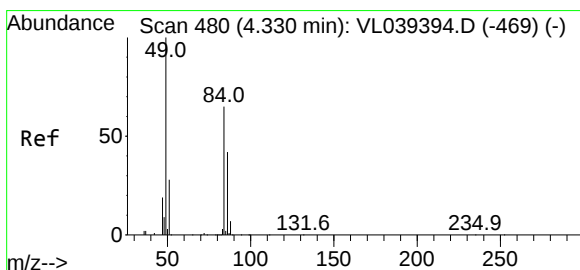
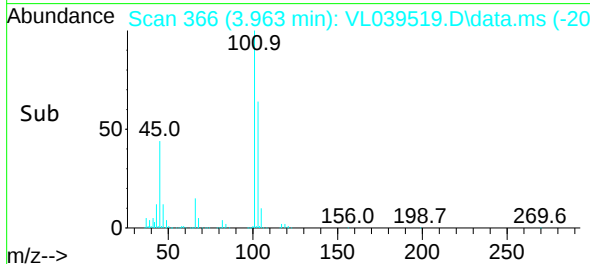
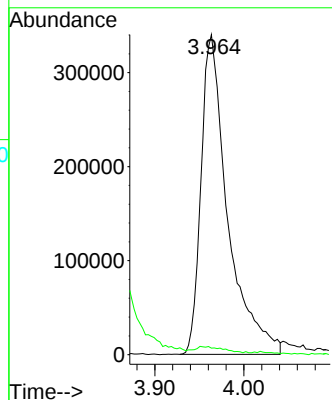
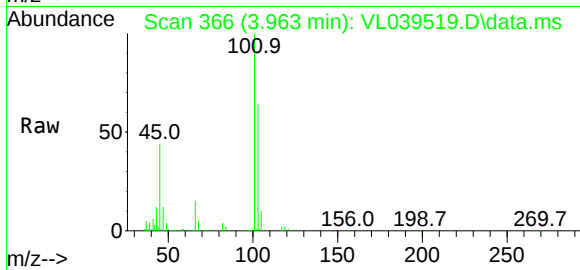
#19
Isopropyl Alcohol
Concen: 10.670 ppbv
RT: 3.963 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 706340
Ion Ratio Lower Upper
45 100
58 3.8 3.2 4.8

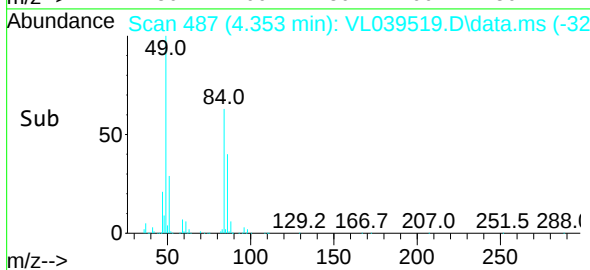
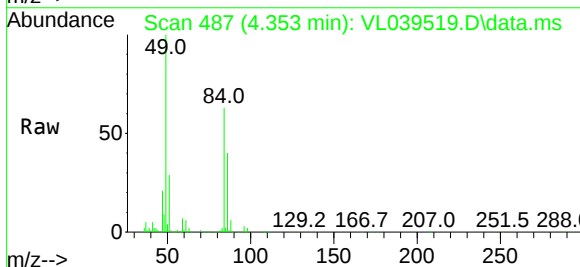
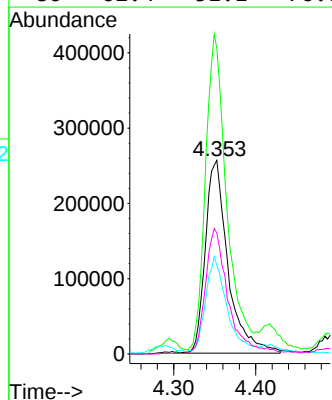
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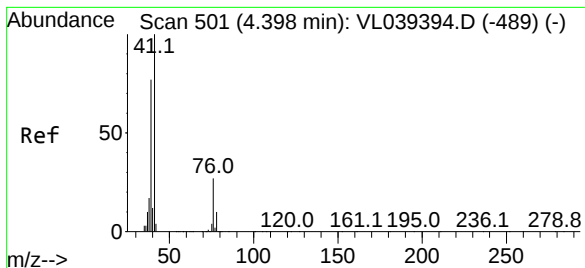
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#20
Methylene Chloride
Concen: 9.955 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Tgt Ion: 84 Resp: 492439
Ion Ratio Lower Upper
84 100
49 155.1 123.1 184.7
51 44.0 34.4 51.6
86 62.4 51.1 76.7





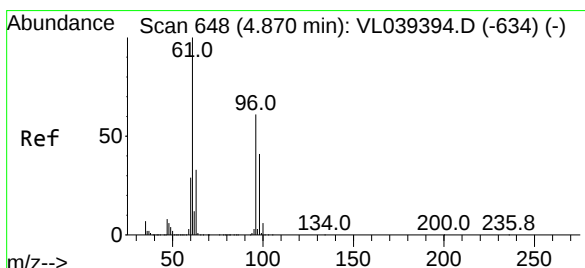
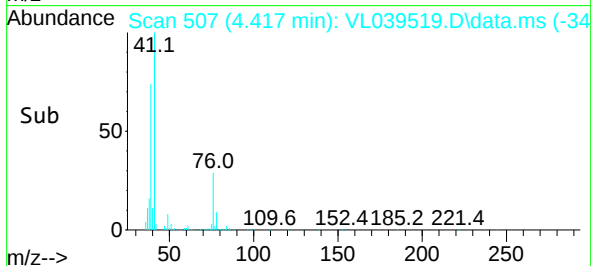
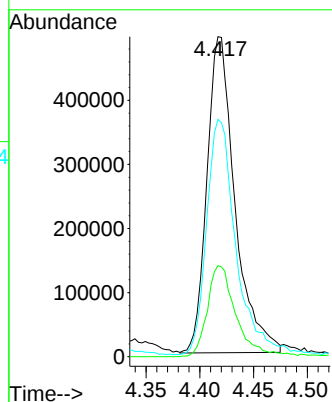
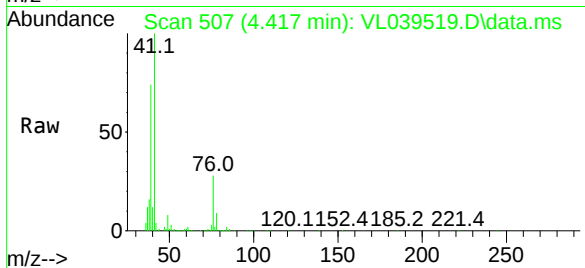
#21
 Allyl Chloride
 Concen: 10.396 ppbv
 RT: 4.417 min Scan# 501
 Delta R.T. 0.019 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 89354
 Ion Ratio Lower Upper
 41 100
 76 29.9 24.4 36.6
 39 79.2 63.5 95.3

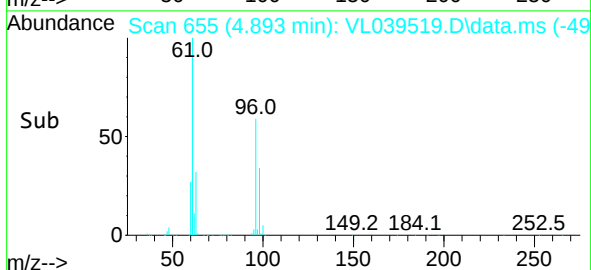
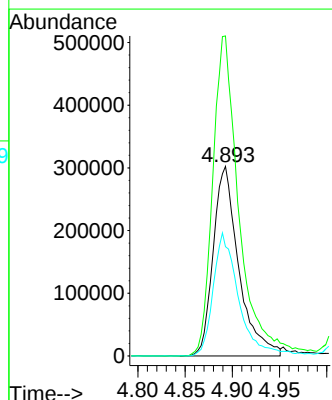
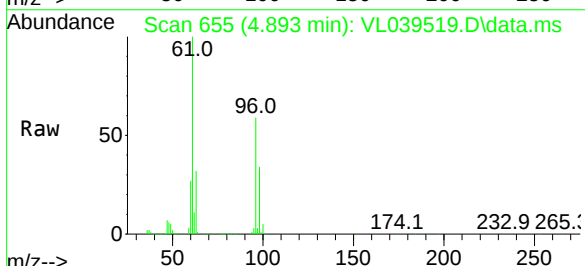
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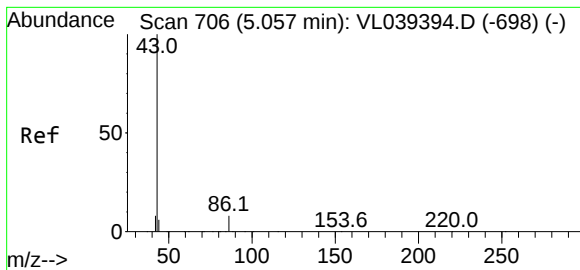
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.325 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.022 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

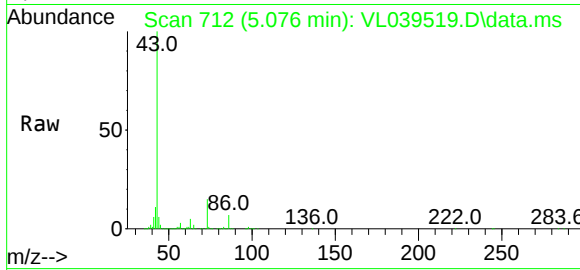
Tgt Ion: 96 Resp: 569092
 Ion Ratio Lower Upper
 96 100
 61 168.8 130.6 195.8
 98 57.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 11.948 ppbv
 RT: 5.076 min Scan# 712
 Delta R.T. 0.019 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

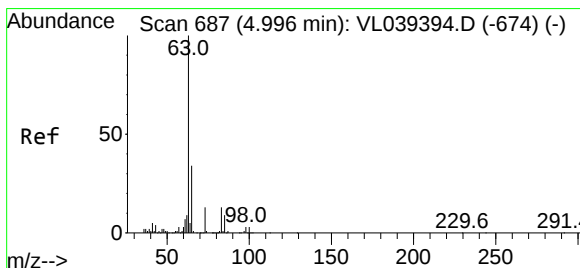
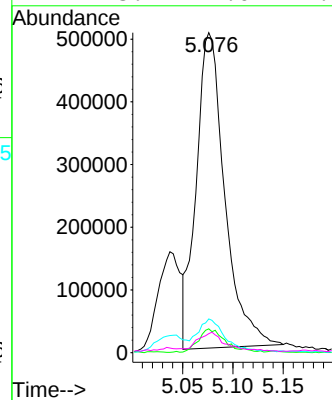
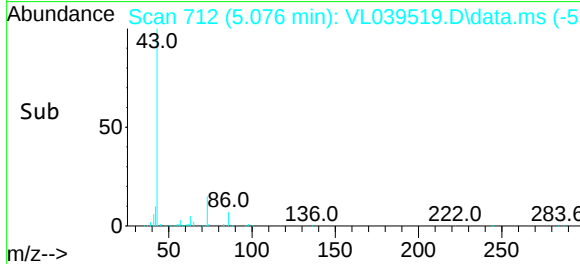
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



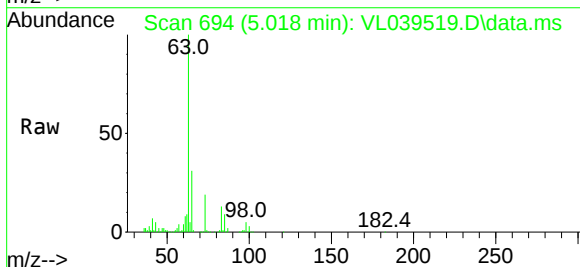
Tgt Ion: 43 Resp: 990890
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.0 7.6
 42 10.3 7.7 11.5
 44 5.4 4.6 7.0

Manual Integrations
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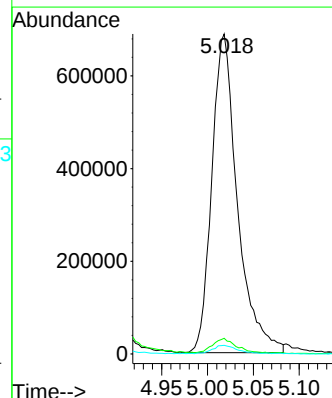
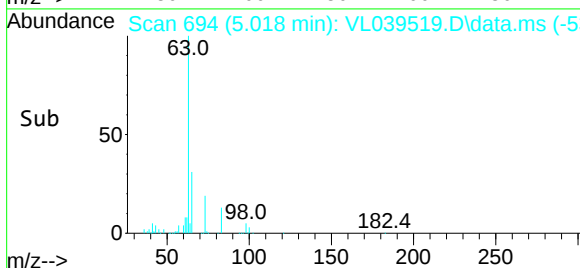
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

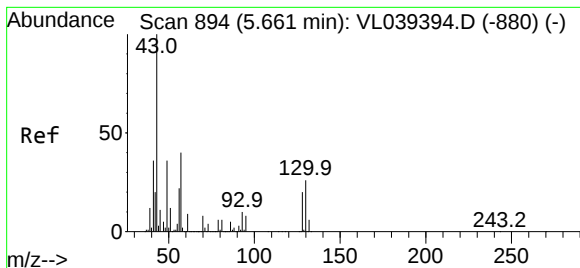


#24
 1,1-Dichloroethane
 Concen: 11.400 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.022 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28



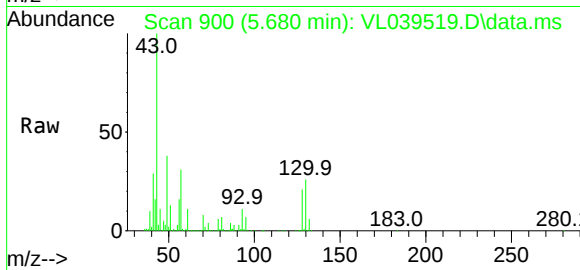
Tgt Ion: 63 Resp: 1335317
 Ion Ratio Lower Upper
 63 100
 98 4.6 1.8 5.3
 100 2.6 1.5 4.4





#25
Ethyl Acetate
Concen: 10.597 ppbv
RT: 5.680 min Scan# 900
Delta R.T. 0.019 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

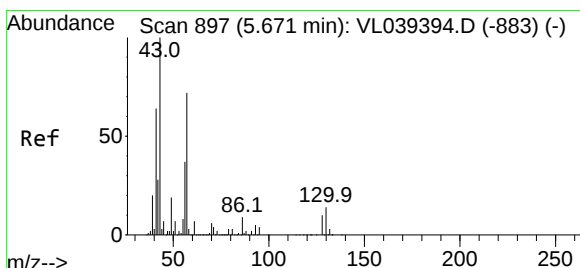
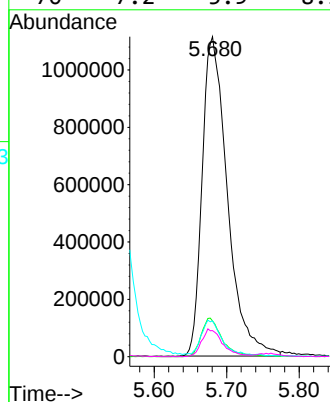
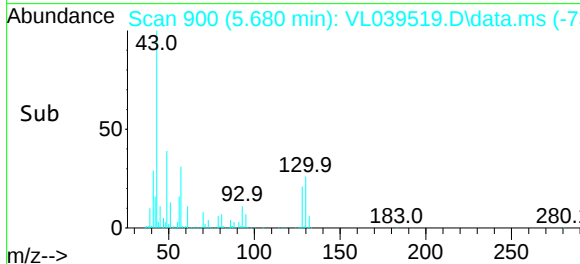


Tgt Ion: 43 Resp: 269657

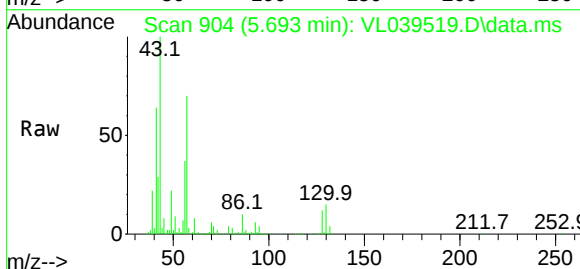
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.3	8.3	12.5
70	7.2	5.9	8.9

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Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

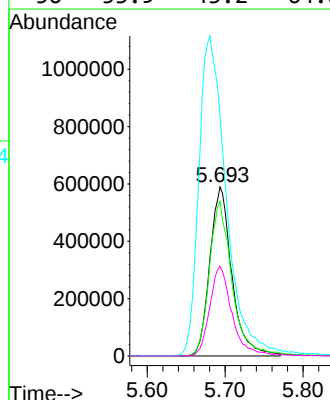
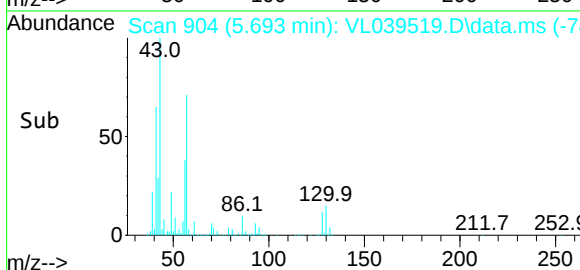


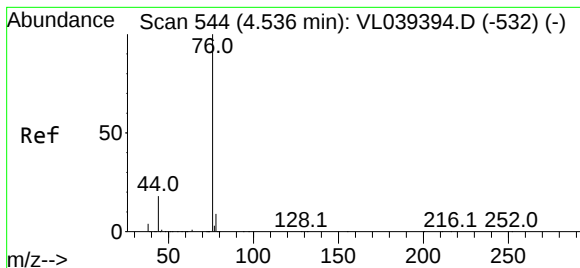
#26
Hexane
Concen: 11.308 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.022 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



Tgt Ion: 57 Resp: 1159952

Ion	Ratio	Lower	Upper
57	100		
41	95.1	76.9	115.3
43	236.3	191.0	286.6
56	53.9	43.2	64.8





#27

Carbon Disulfide

Concen: 11.378 ppbv

RT: 4.555 min Scan# 51

Delta R.T. 0.019 min

Lab File: VL039519.D

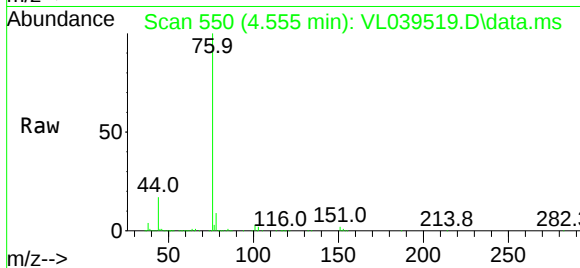
Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 76 Resp: 1408650

Ion Ratio Lower Upper

76 100

44 18.3 14.6 21.8

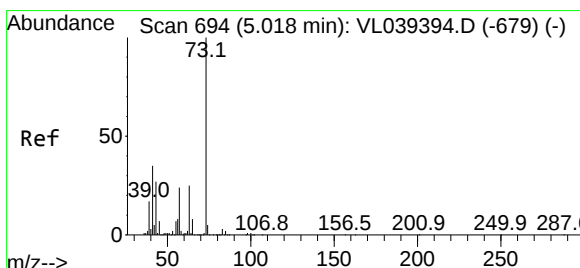
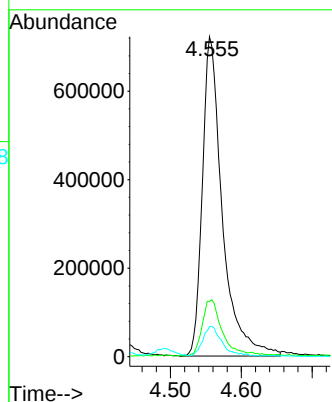
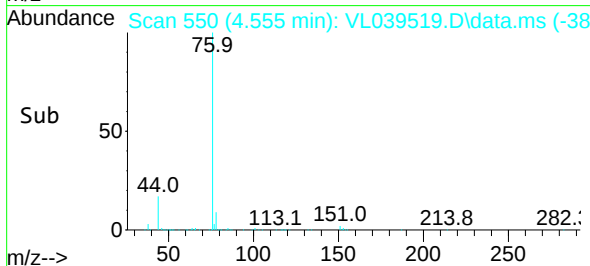
78 9.8 7.8 11.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#28

Methyl tert-Butyl Ether

Concen: 11.667 ppbv

RT: 5.037 min Scan# 700

Delta R.T. 0.019 min

Lab File: VL039519.D

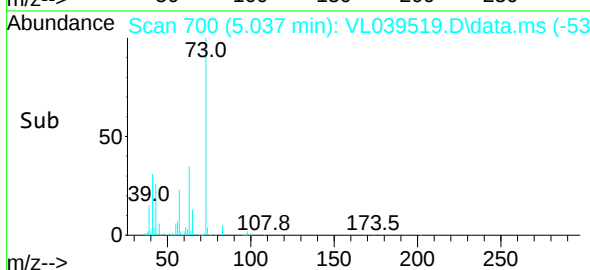
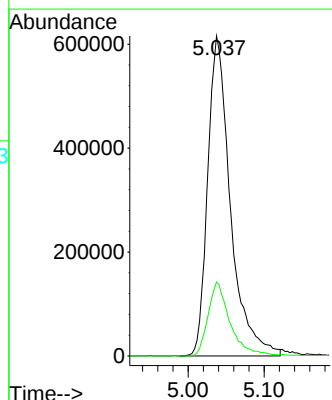
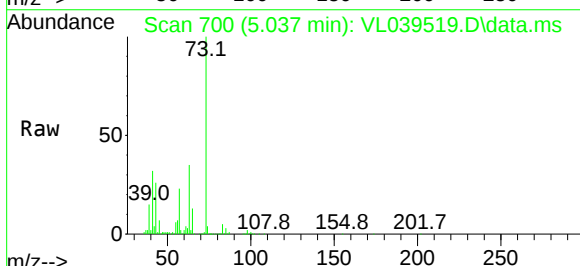
Acq: 25 Jul 2022 12:28

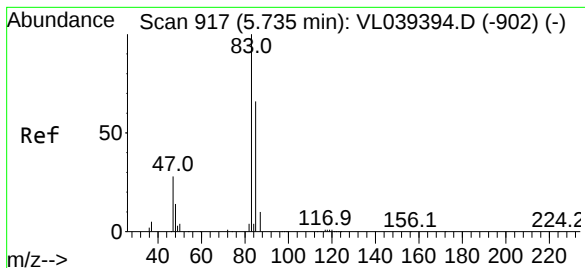
Tgt Ion: 73 Resp: 1279573

Ion Ratio Lower Upper

73 100

57 22.8 19.8 29.8





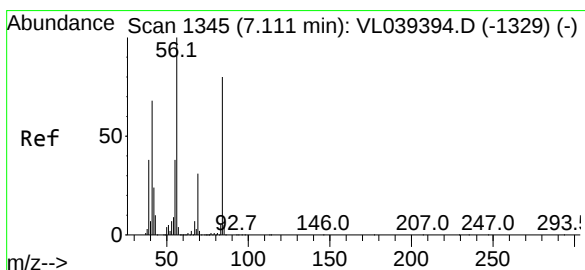
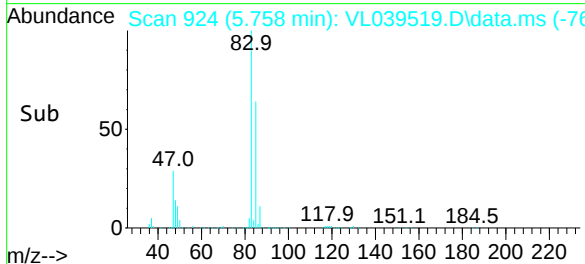
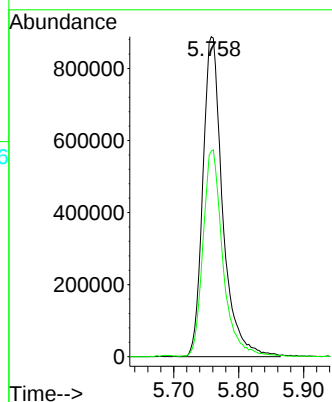
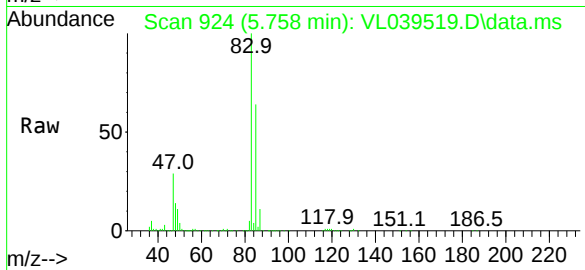
#29
Chloroform
Concen: 10.557 ppbv
RT: 5.758 min Scan# 917
Delta R.T. 0.022 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1882960
Ion Ratio Lower Upper
83 100
85 64.1 52.8 79.2

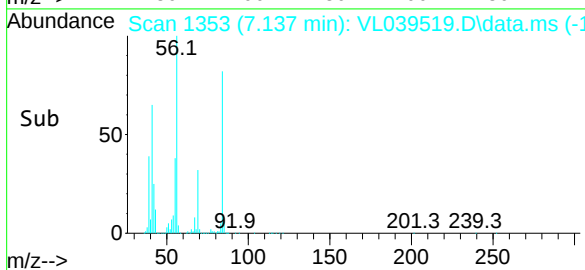
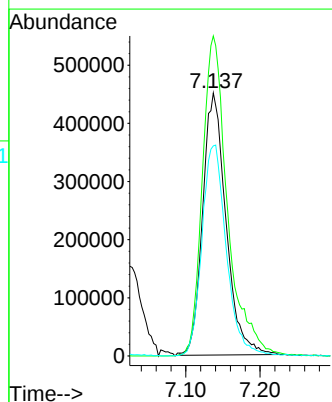
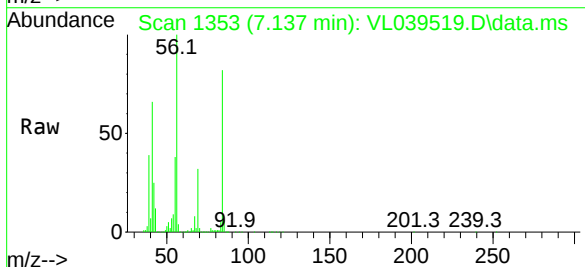
Manual Integrations
APPROVED

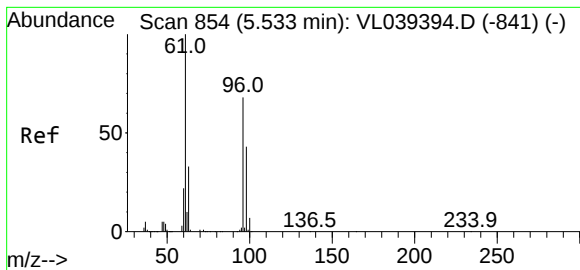
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#30
Cyclohexane
Concen: 10.545 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

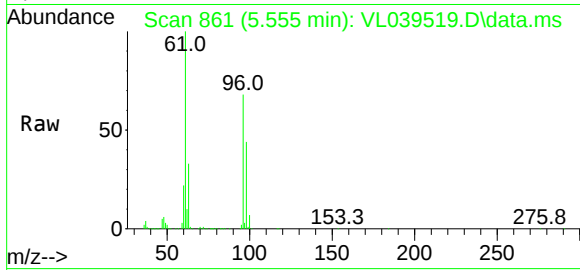
Tgt Ion: 84 Resp: 984735
Ion Ratio Lower Upper
84 100
56 132.2 107.7 161.5
41 84.7 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.534 ppbv
 RT: 5.555 min Scan# 80
 Delta R.T. 0.022 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

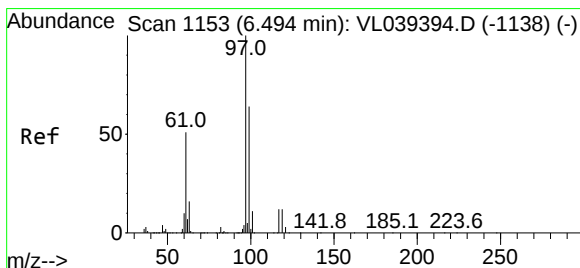
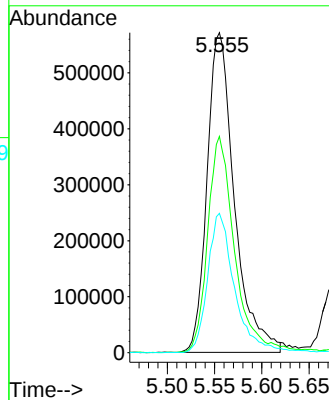
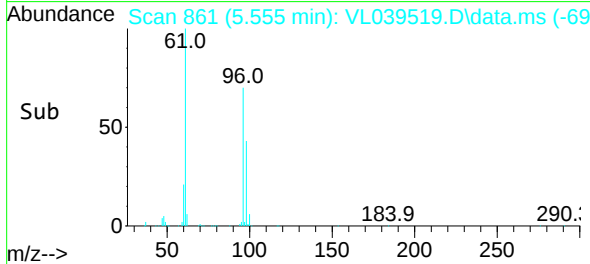
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 1146528
 Ion Ratio Lower Upper
 61 100
 96 67.4 54.1 81.1
 98 43.5 34.6 52.0

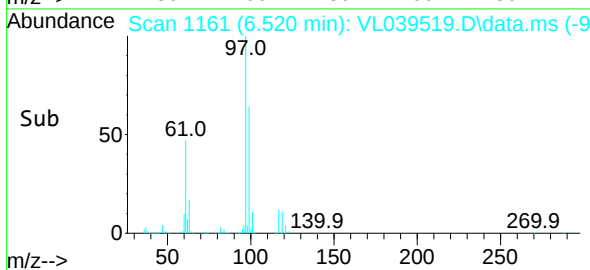
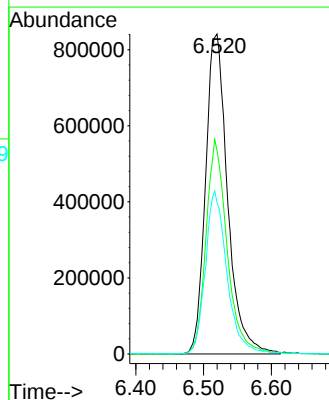
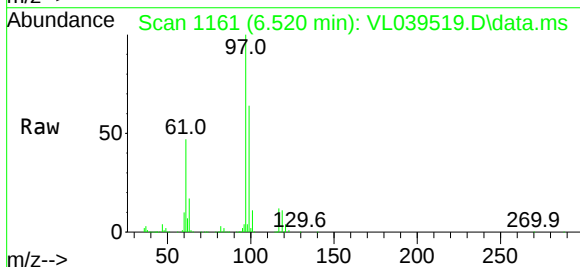
Manual Integrations
 APPROVED

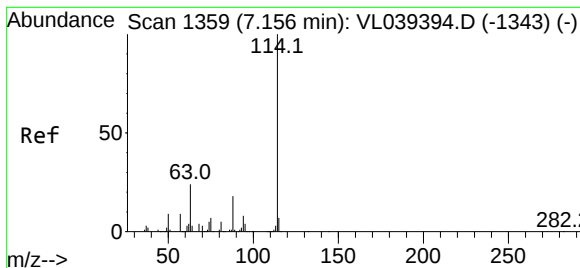
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.818 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.026 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

Tgt Ion: 97 Resp: 1904572
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.3 78.5
 61 49.8 40.9 61.3





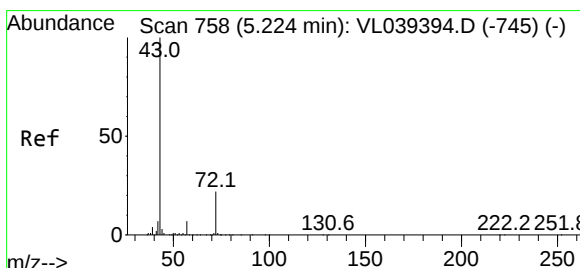
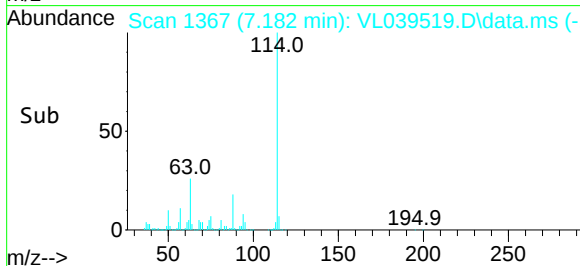
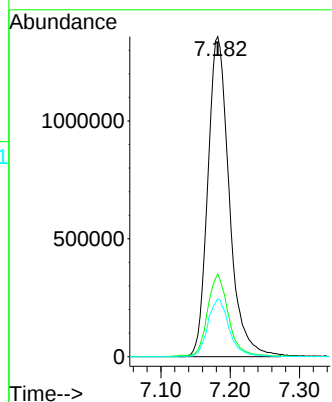
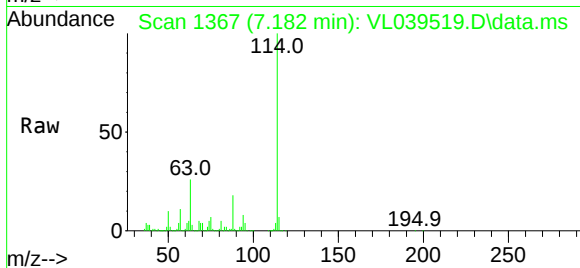
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2913600
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.0 14.5 21.7

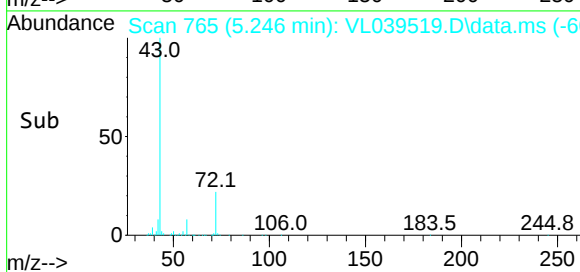
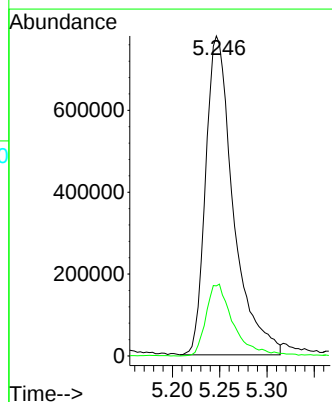
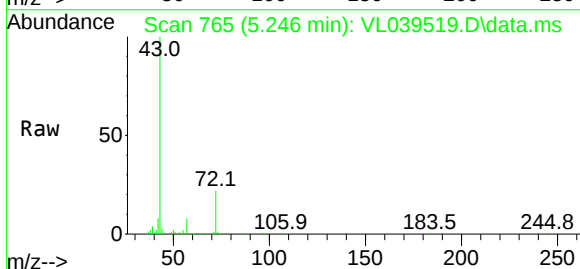
Manual Integrations
APPROVED

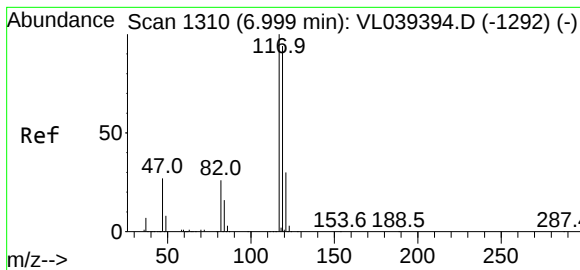
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#34
2-Butanone
Concen: 10.796 ppbv
RT: 5.246 min Scan# 765
Delta R.T. 0.022 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

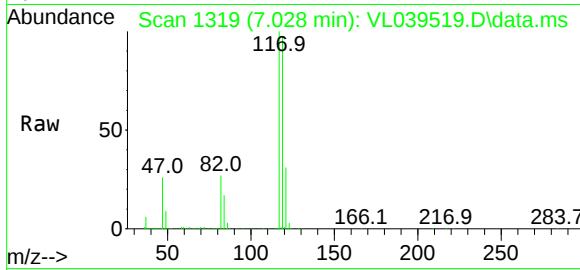
Tgt Ion: 43 Resp: 1583411
Ion Ratio Lower Upper
43 100
72 22.8 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.229 ppbv
RT: 7.028 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

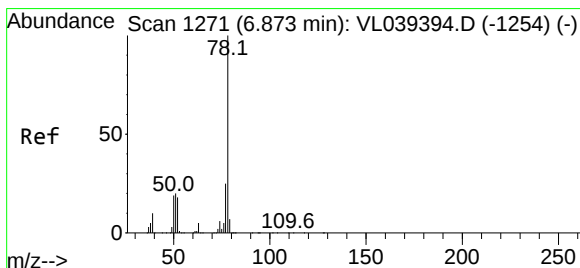
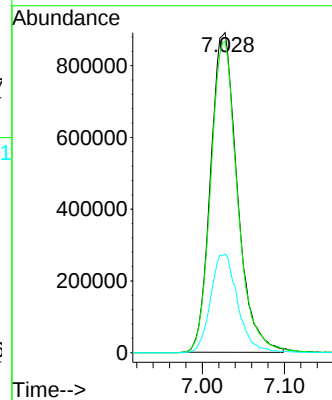
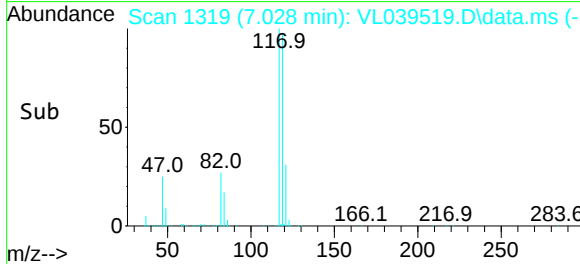
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



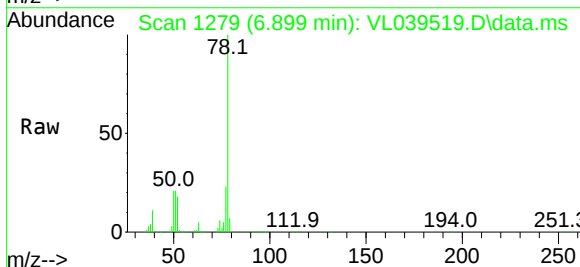
Tgt Ion: 117 Resp: 202160
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.2
121 30.8 24.2 36.2

Manual Integrations
APPROVED

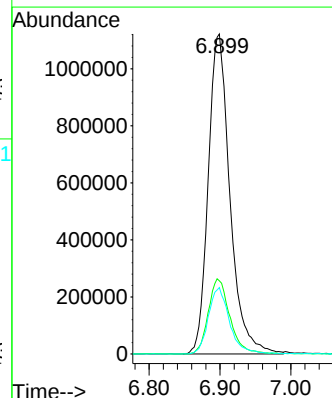
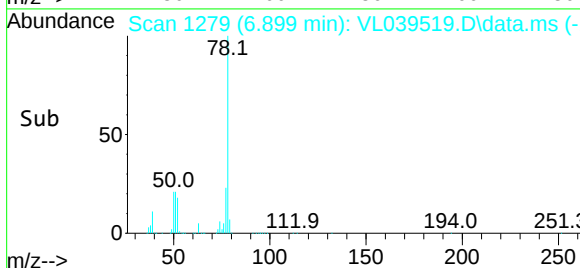
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

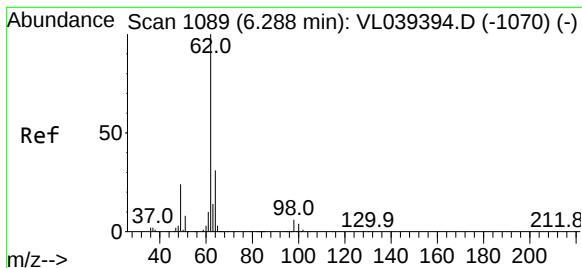


#36
Benzene
Concen: 10.596 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



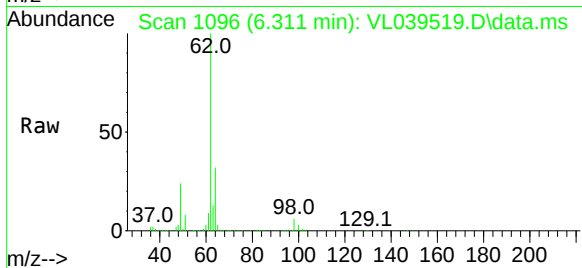
Tgt Ion: 78 Resp: 2389446
Ion Ratio Lower Upper
78 100
77 22.8 20.3 30.5
50 20.7 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.956 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.022 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

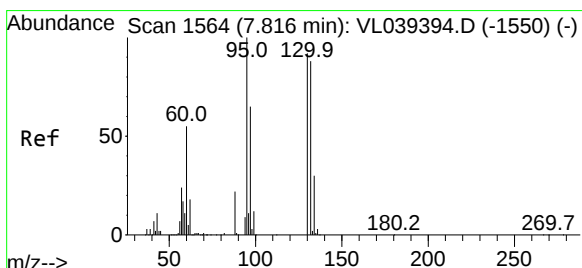
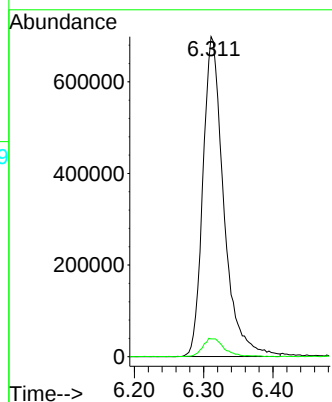
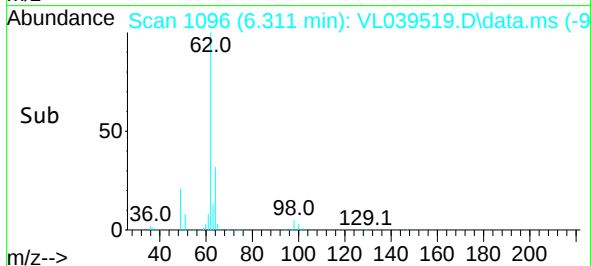
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1458230
Ion Ratio Lower Upper
62 100
98 6.0 5.1 7.7

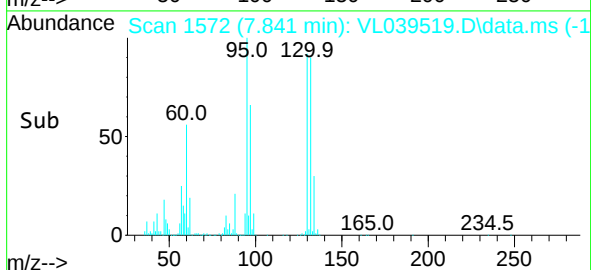
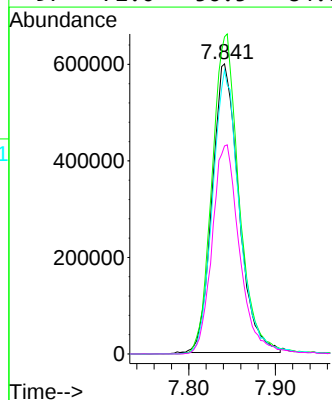
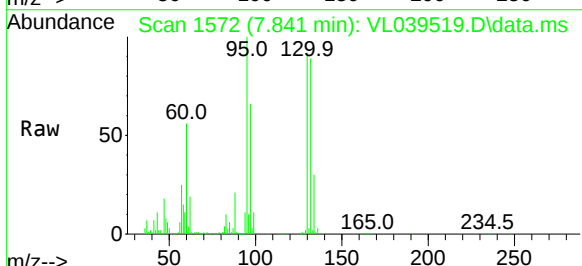
Manual Integrations
APPROVED

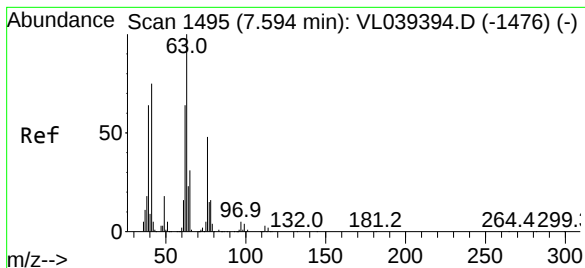
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Trichloroethene
Concen: 10.475 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

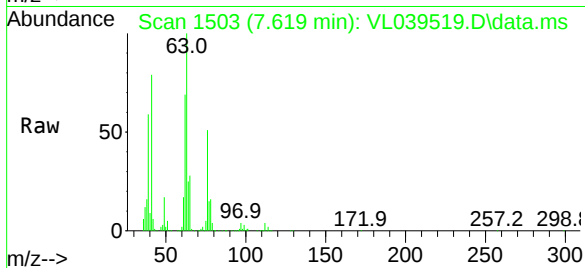
Tgt Ion:130 Resp: 1277594
Ion Ratio Lower Upper
130 100
95 109.8 87.3 130.9
132 98.2 76.7 115.1
97 72.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.587 ppbv
RT: 7.619 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

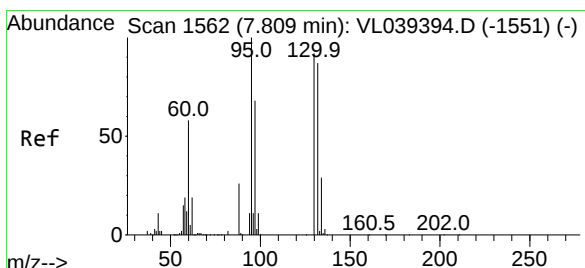
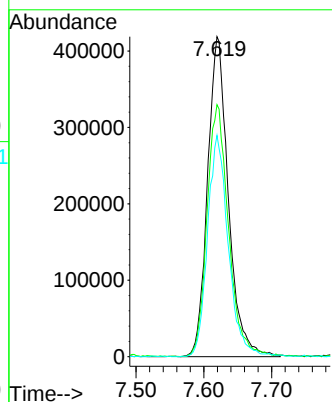
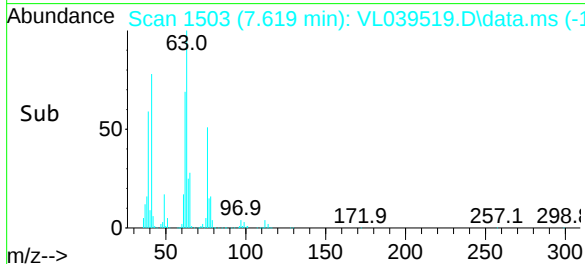
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



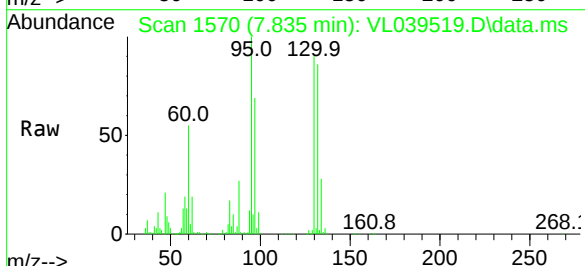
Tgt Ion: 63 Resp: 89185
Ion Ratio Lower Upper
63 100
41 78.7 59.6 89.4
62 69.1 51.4 77.0

Manual Integrations
APPROVED

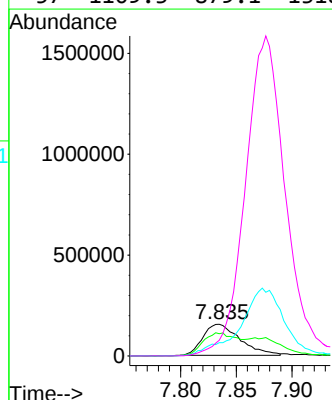
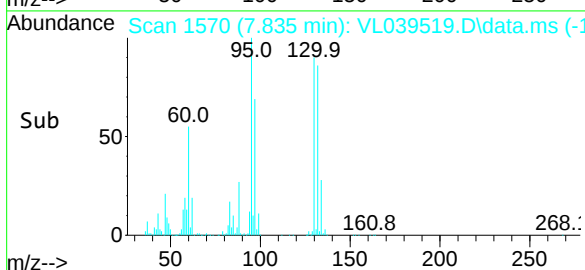
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

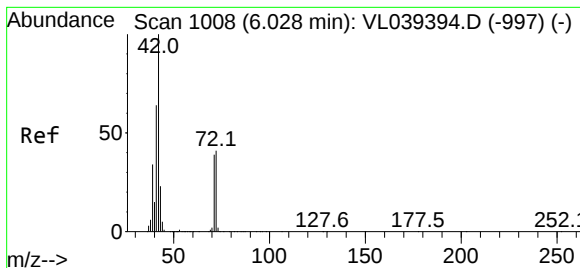


#40
1,4-Dioxane
Concen: 10.709 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



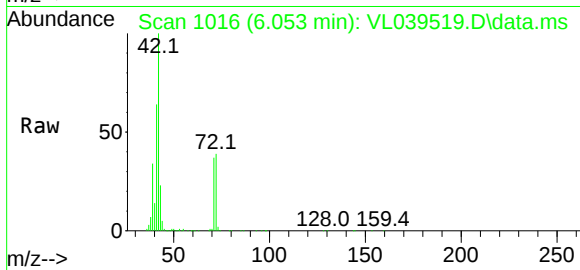
Tgt Ion: 88 Resp: 359491
Ion Ratio Lower Upper
88 100
58 127.9 100.2 150.4
43 259.3 205.8 308.6
57 1109.3 879.1 1318.7





#41
Tetrahydrofuran
Concen: 10.402 ppbv
RT: 6.053 min Scan# 1016
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

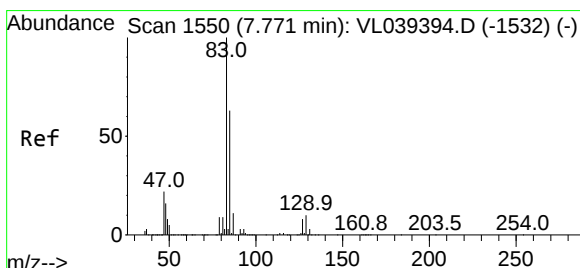
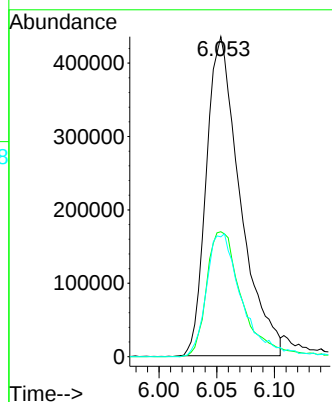
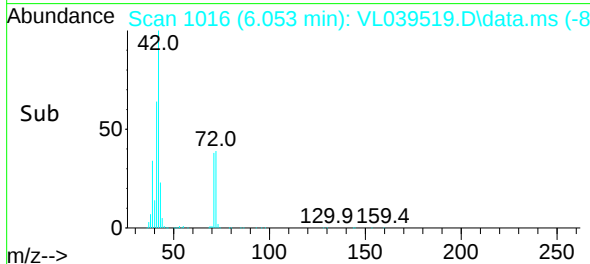
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 88408
Ion Ratio Lower Upper
42 100
72 41.8 31.8 47.8
71 40.9 31.8 47.8

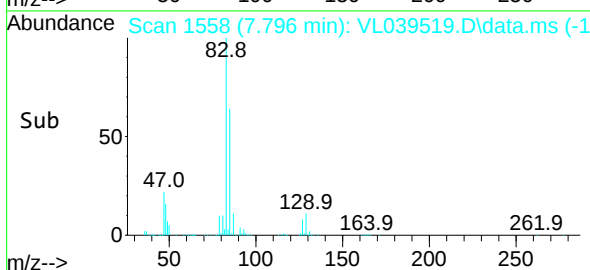
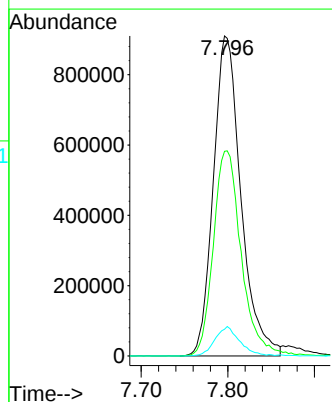
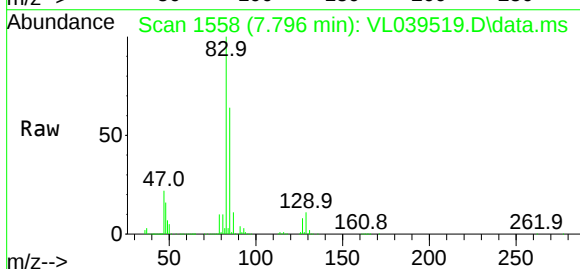
Manual Integrations
APPROVED

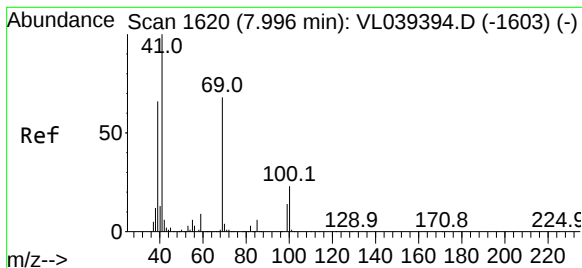
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#42
Bromodichloromethane
Concen: 11.216 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Tgt Ion: 83 Resp: 2012821
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1
127 8.3 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.259 ppbv

RT: 8.018 min Scan# 1

Delta R.T. 0.022 min

Lab File: VL039519.D

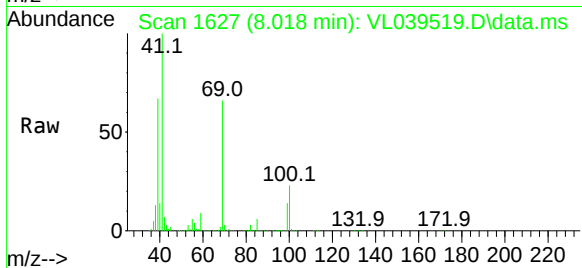
Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



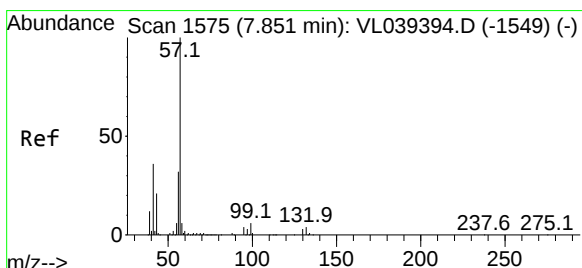
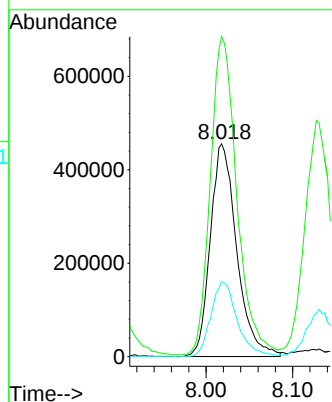
Tgt Ion: 69 Resp: 965350

Ion	Ratio	Lower	Upper
69	100		
41	152.0	120.8	181.2
100	35.1	27.8	41.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#44

2,2,4-Trimethylpentane

Concen: 10.418 ppbv

RT: 7.877 min Scan# 1583

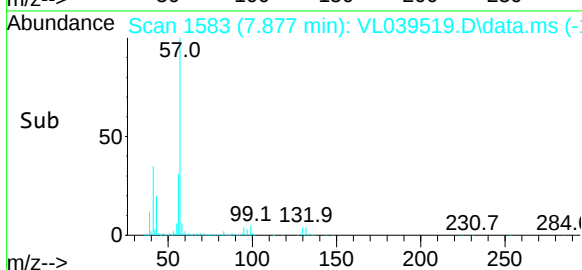
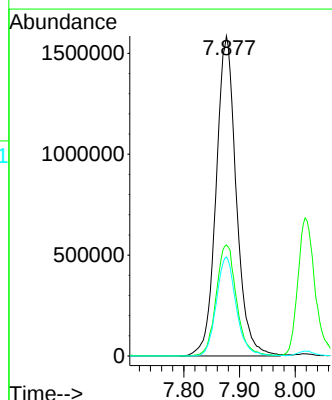
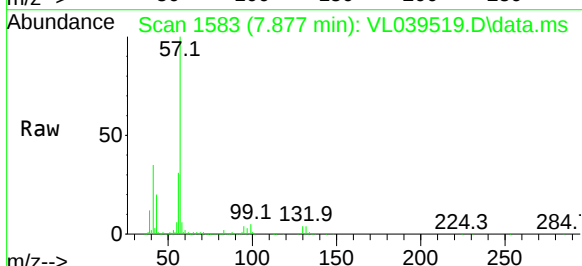
Delta R.T. 0.026 min

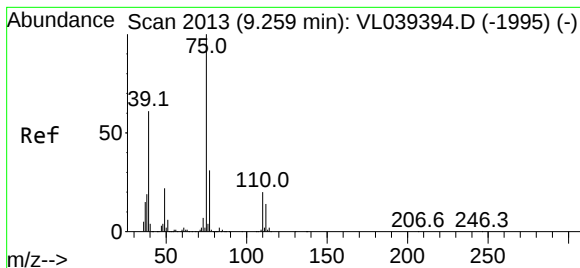
Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Tgt Ion: 57 Resp: 3981095

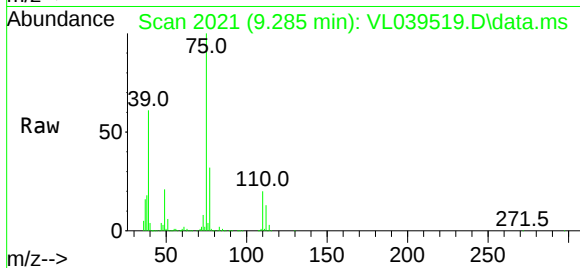
Ion	Ratio	Lower	Upper
57	100		
41	35.1	27.4	41.2
56	30.4	24.5	36.7





#45
 t-1,3-Dichloropropene
 Concen: 13.478 ppbv
 RT: 9.285 min Scan# 2013
 Delta R.T. 0.026 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

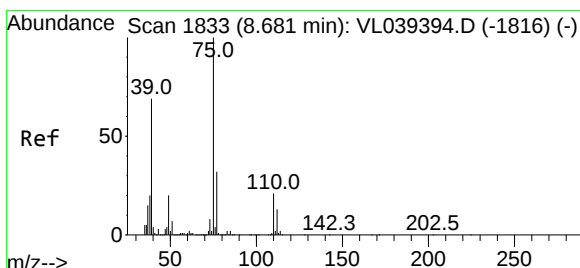
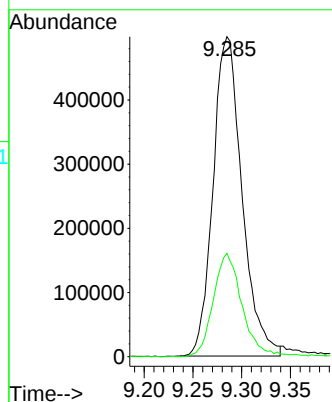
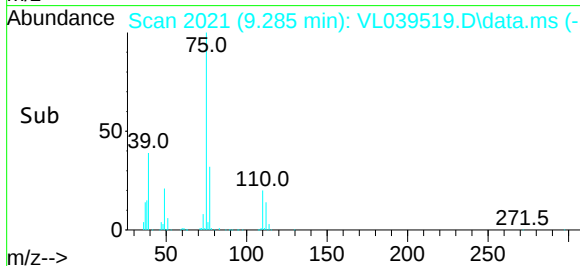
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



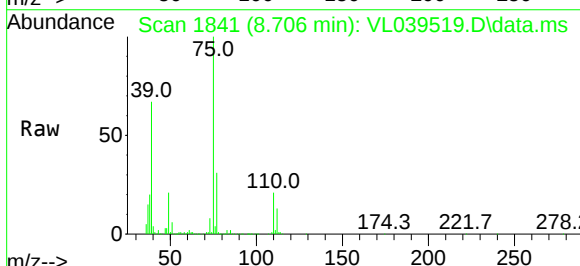
Tgt Ion: 75 Resp: 1028964
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8

Manual Integrations
 APPROVED

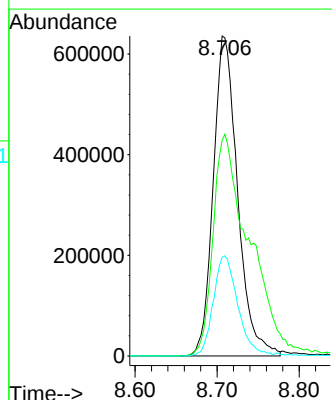
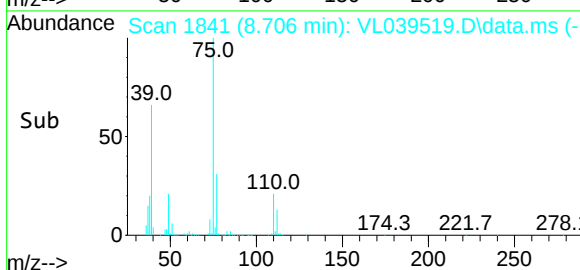
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

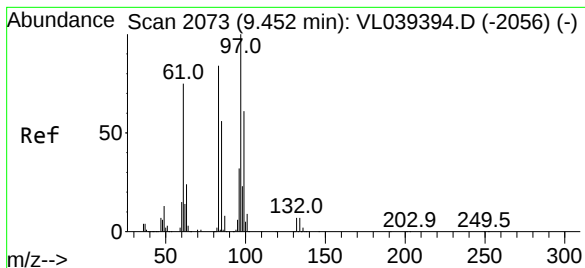


#46
 cis-1,3-Dichloropropene
 Concen: 12.491 ppbv
 RT: 8.706 min Scan# 1841
 Delta R.T. 0.026 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28



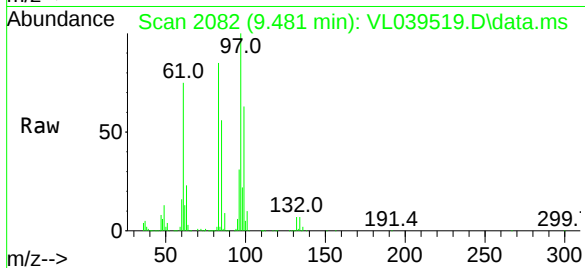
Tgt Ion: 75 Resp: 1312541
 Ion Ratio Lower Upper
 75 100
 39 67.3 55.0 82.4
 77 30.8 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.756 ppbv
RT: 9.481 min Scan# 2073
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

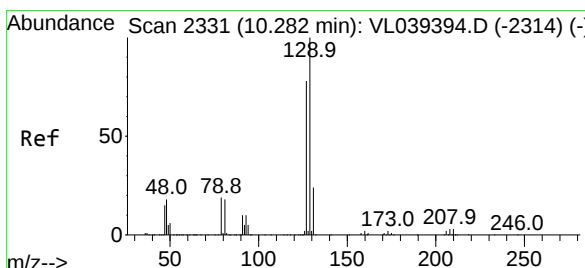
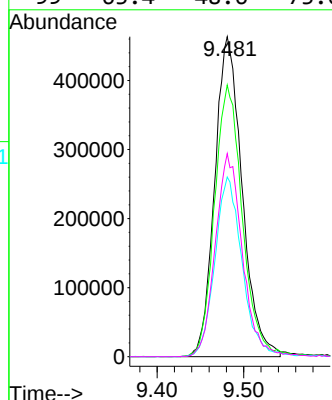
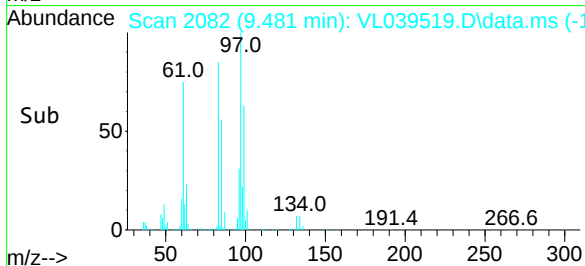
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 101666
Ion Ratio Lower Upper
97 100
83 84.8 67.4 101.0
85 56.2 45.1 67.7
99 63.4 48.6 73.0

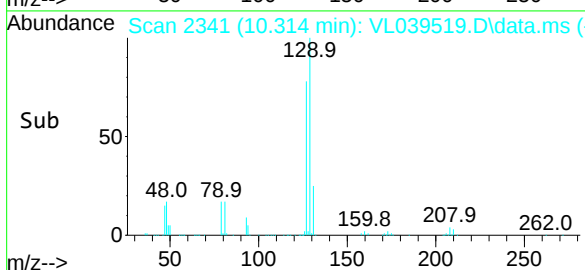
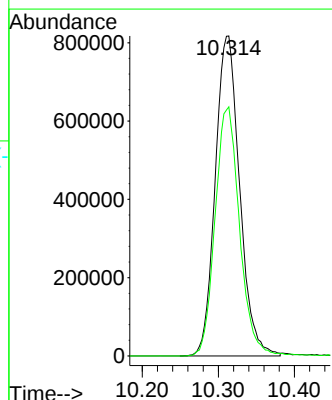
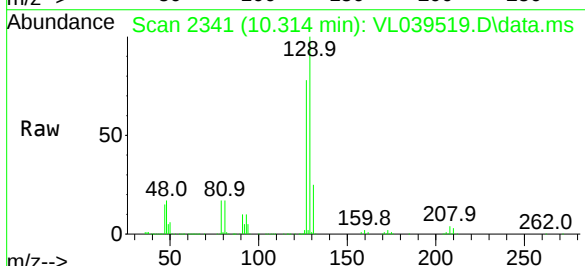
Manual Integrations
APPROVED

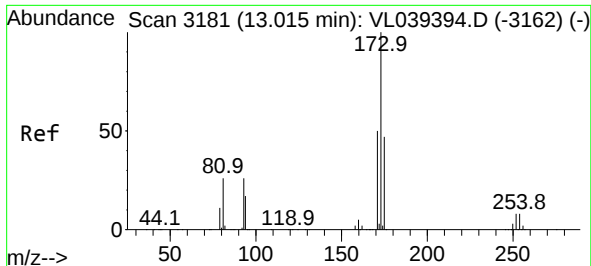
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#48
Dibromochloromethane
Concen: 12.135 ppbv
RT: 10.314 min Scan# 2341
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

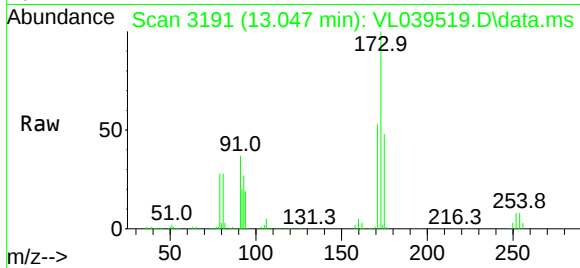
Tgt Ion:129 Resp: 1823139
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.9





#49
Bromoform
Concen: 12.702 ppbv
RT: 13.047 min Scan# 3181
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

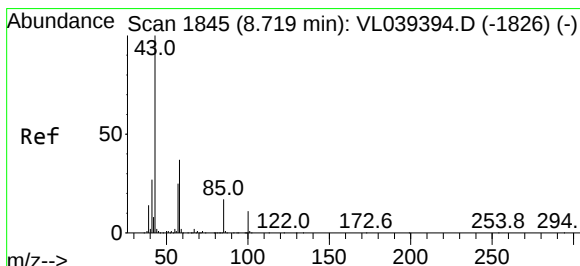
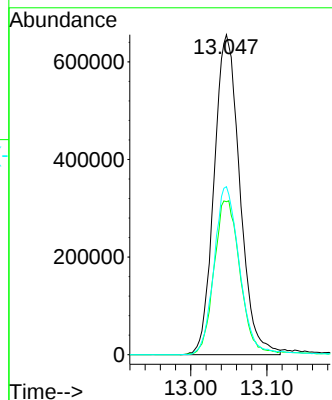
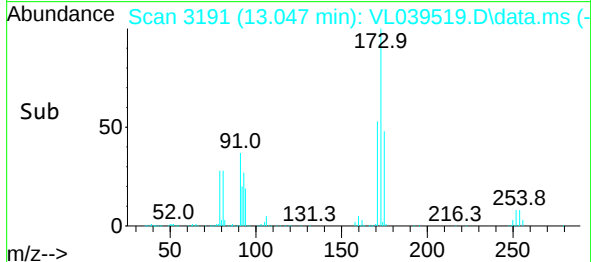
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



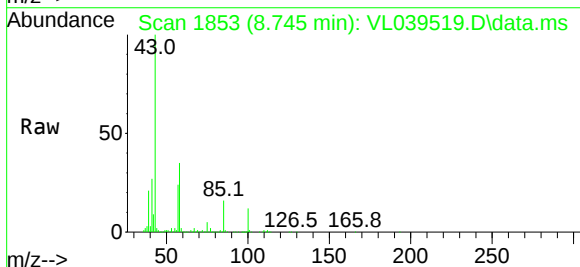
Tgt Ion: 173 Resp: 153946
Ion Ratio Lower Upper
173 100
175 49.5 40.3 60.5
171 52.9 42.9 64.3

Manual Integrations
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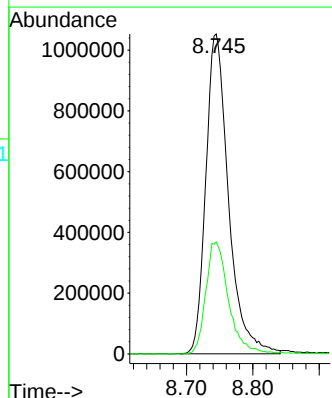
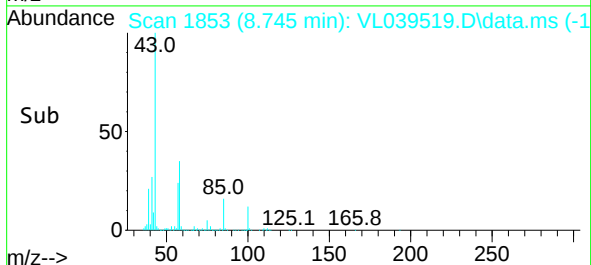
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

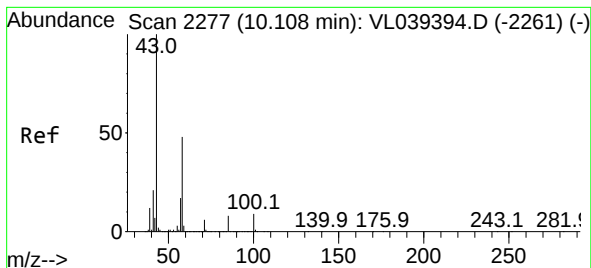


#50
4-Methyl-2-Pentanone
Concen: 11.264 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



Tgt Ion: 43 Resp: 2498091
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2





#51

2-Hexanone

Concen: 11.434 ppbv

RT: 10.134 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 191806

Ion Ratio Lower Upper

43 100

58 48.8 38.4 57.6

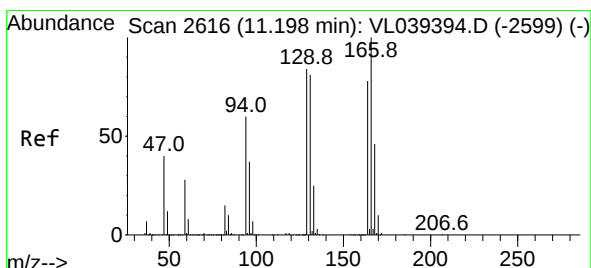
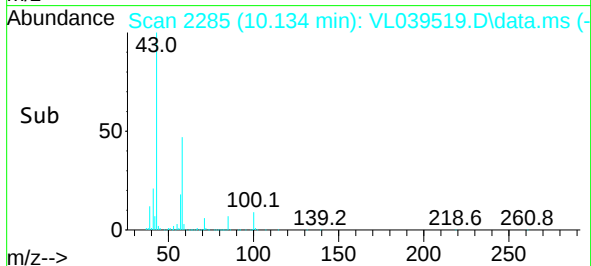
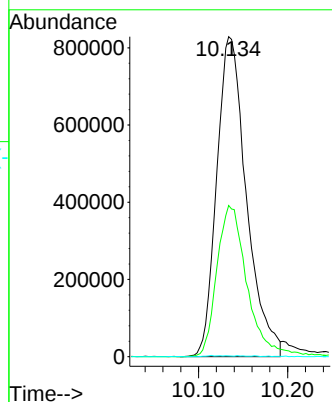
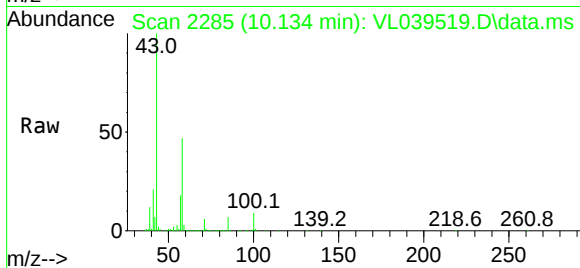
98 0.3 0.3 0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#52

Tetrachloroethene

Concen: 10.140 ppbv

RT: 11.230 min Scan# 2626

Delta R.T. 0.032 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Tgt Ion:164 Resp: 920453

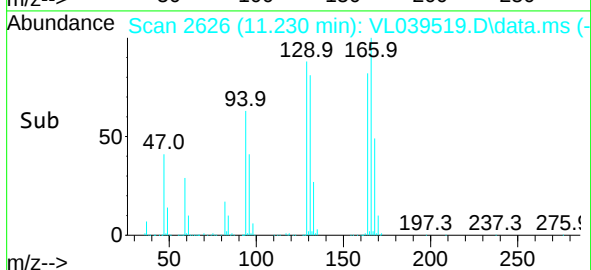
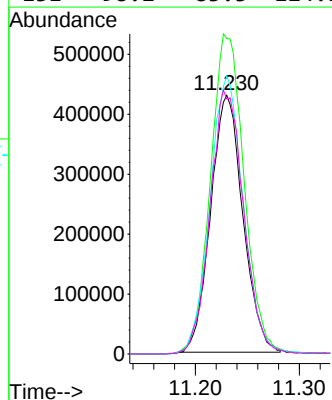
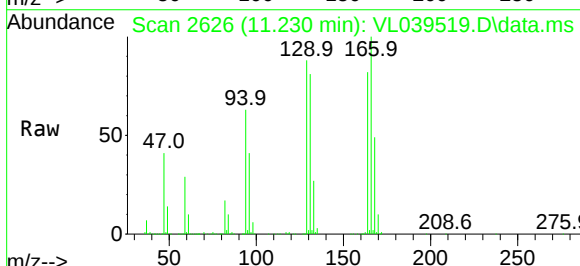
Ion Ratio Lower Upper

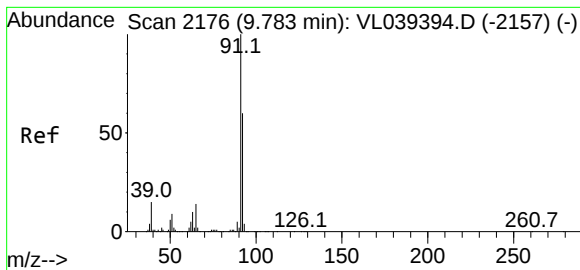
164 100

166 121.8 102.2 153.2

129 107.0 85.8 128.8

131 98.2 83.3 124.9





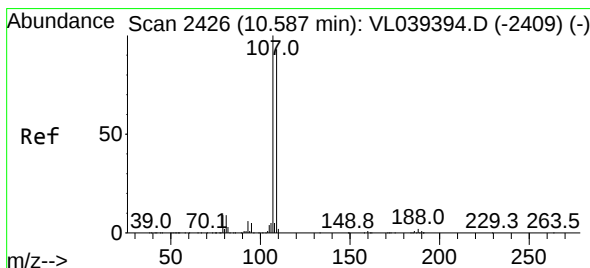
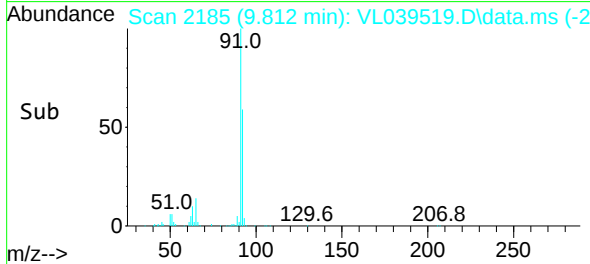
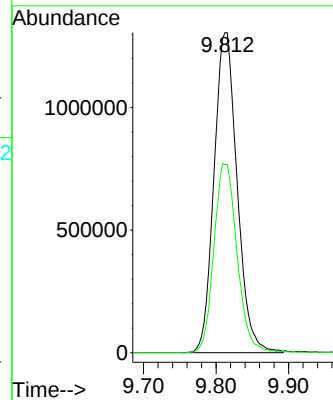
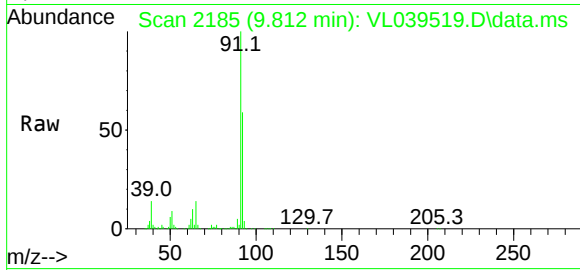
#53
Toluene
Concen: 11.137 ppbv
RT: 9.812 min Scan# 2176
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2896929
Ion Ratio Lower Upper
91 100
92 59.3 48.2 72.2

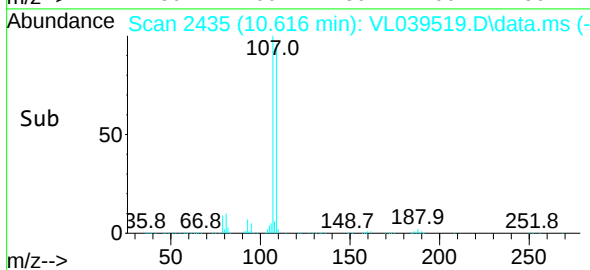
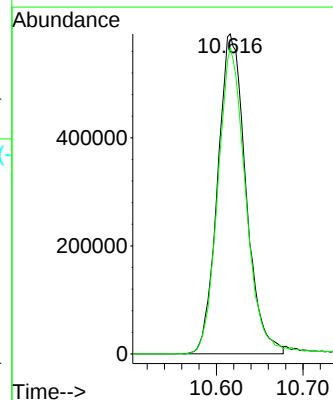
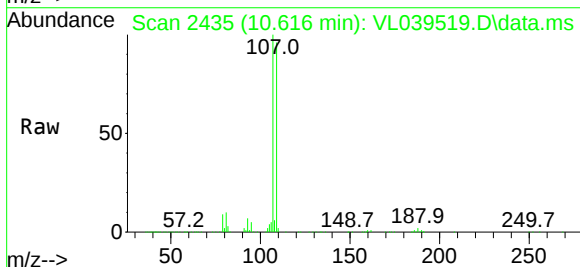
Manual Integrations
APPROVED

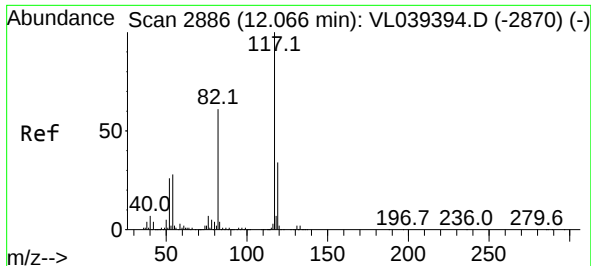
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#54
1,2-Dibromoethane
Concen: 11.382 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

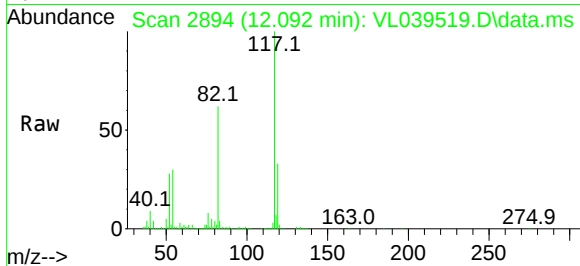
Tgt Ion:107 Resp: 1338704
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.092 min Scan# 2886
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

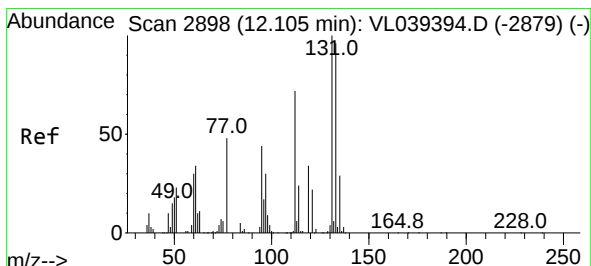
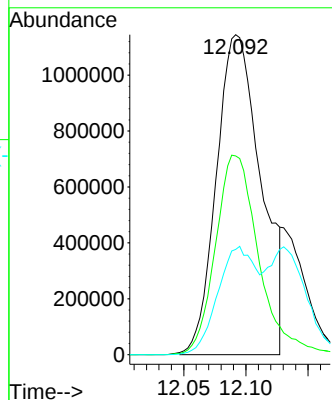
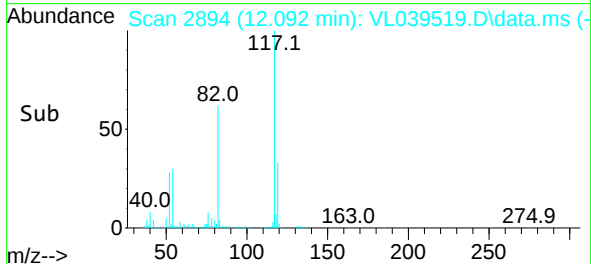
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



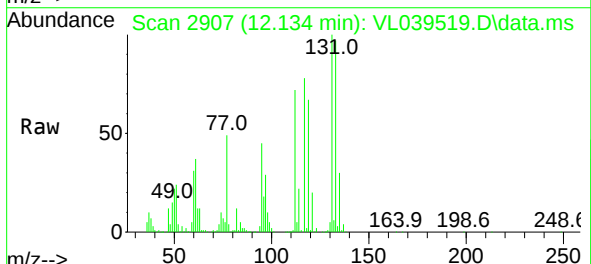
Tgt Ion:117 Resp: 286449
Ion Ratio Lower Upper
117 100
82 61.1 50.8 76.2
119 26.8 24.1 36.1

Manual Integrations
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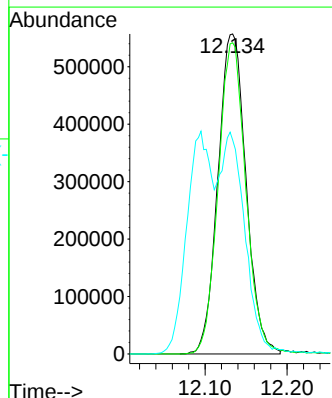
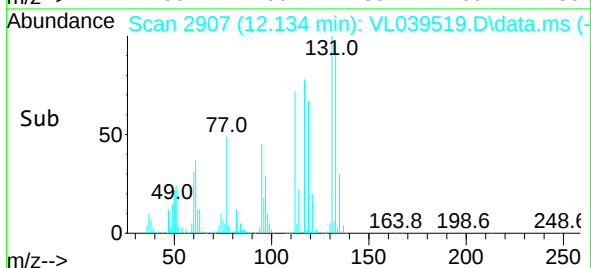
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

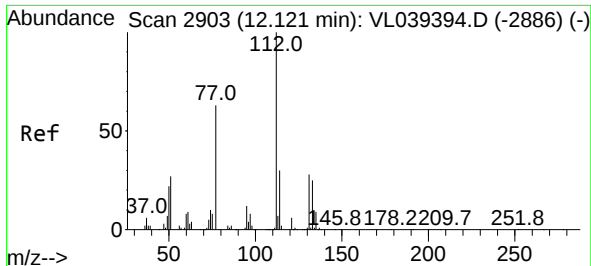


#56
1,1,1,2-Tetrachloroethane
Concen: 10.479 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



Tgt Ion:131 Resp: 1326003
Ion Ratio Lower Upper
131 100
133 96.3 76.8 115.2
119 64.4 46.2 69.4





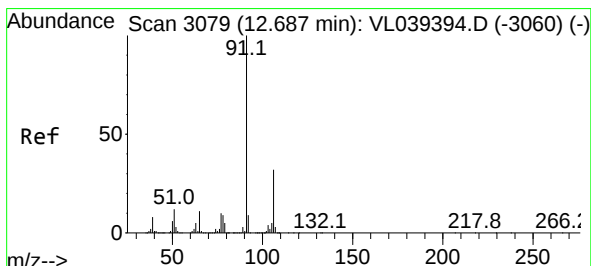
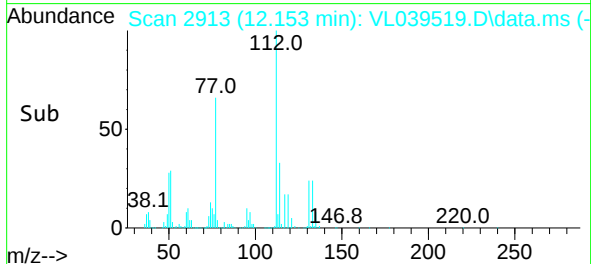
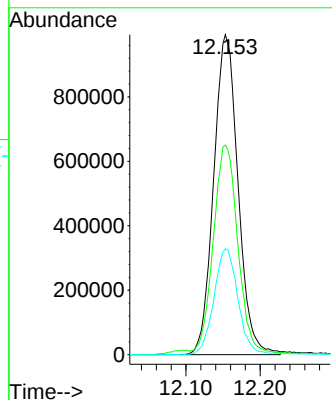
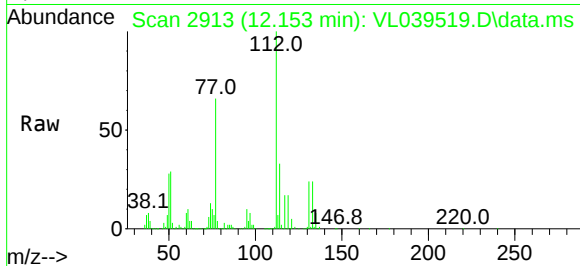
#57
Chlorobenzene
Concen: 10.193 ppbv
RT: 12.153 min Scan# 2903
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 2263680
Ion Ratio Lower Upper
112 100
77 64.9 51.0 76.4
114 33.0 27.5 33.6

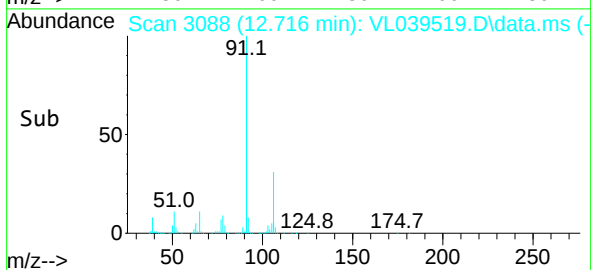
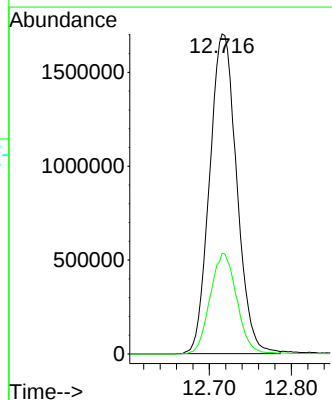
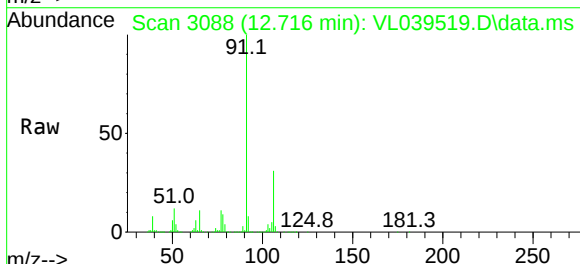
Manual Integrations
APPROVED

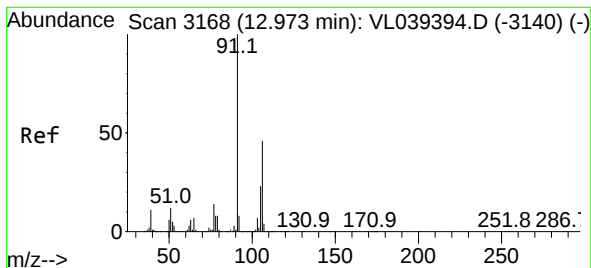
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#58
Ethyl Benzene
Concen: 10.546 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Tgt Ion: 91 Resp: 3900652
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0





#59

m/p-Xylene

Concen: 20.944 ppbv m

RT: 13.002 min Scan# 3168

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 682954

Ion Ratio Lower Upper

91 100

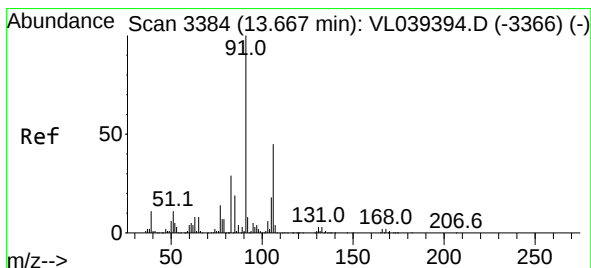
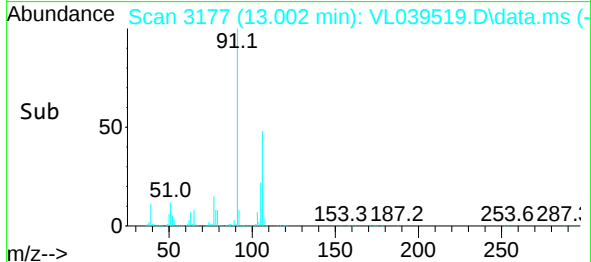
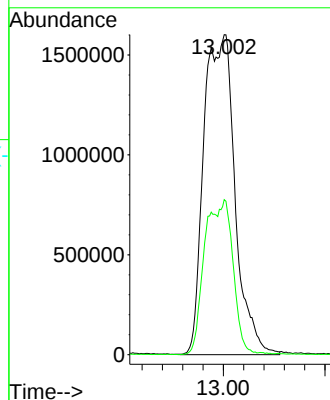
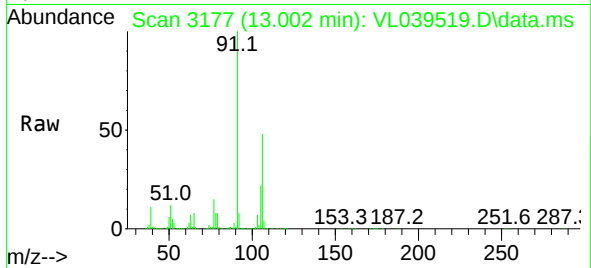
106 44.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#60

o-Xylene

Concen: 10.527 ppbv

RT: 13.696 min Scan# 3393

Delta R.T. 0.029 min

Lab File: VL039519.D

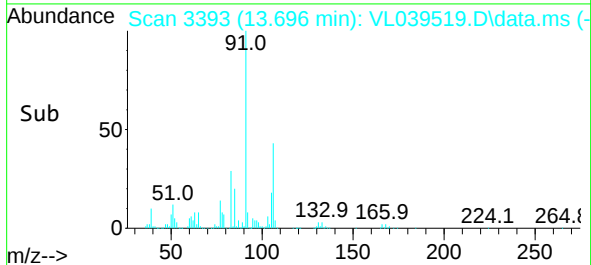
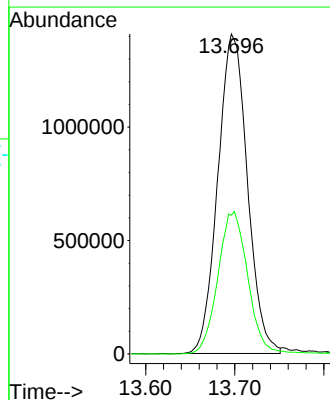
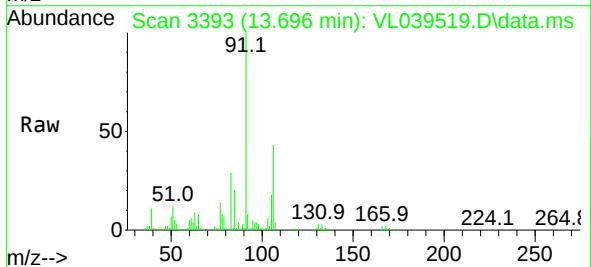
Acq: 25 Jul 2022 12:28

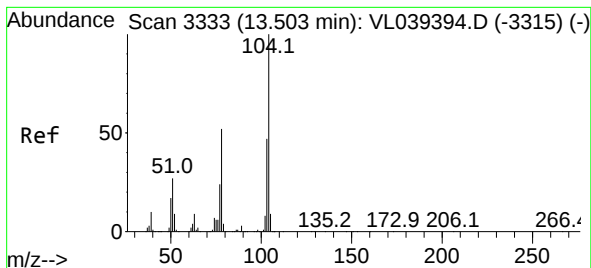
Tgt Ion: 91 Resp: 3250643

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.3





#61

Styrene

Concen: 11.681 ppbv

RT: 13.532 min Scan# 31

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1953849

Ion Ratio Lower Upper

104 100

78 52.2 41.2 61.8

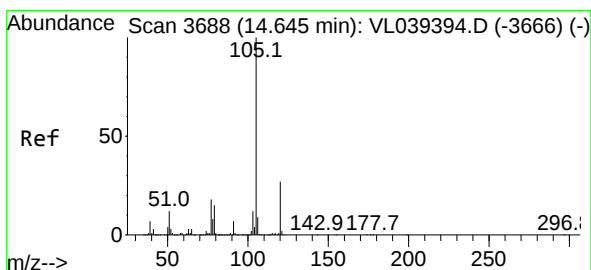
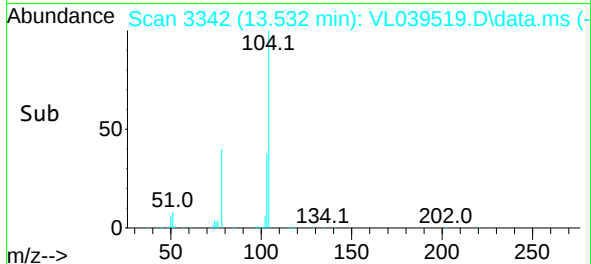
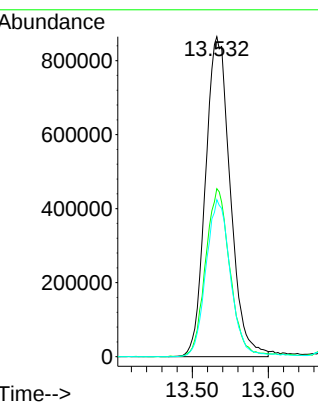
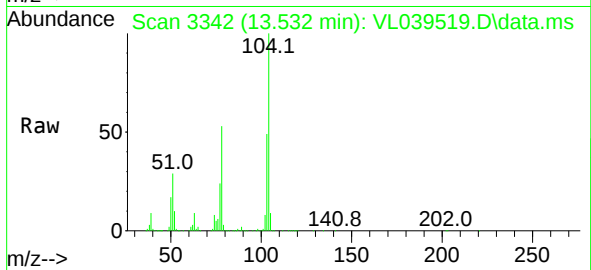
103 48.9 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#62

Isopropylbenzene

Concen: 10.370 ppbv

RT: 14.674 min Scan# 3697

Delta R.T. 0.029 min

Lab File: VL039519.D

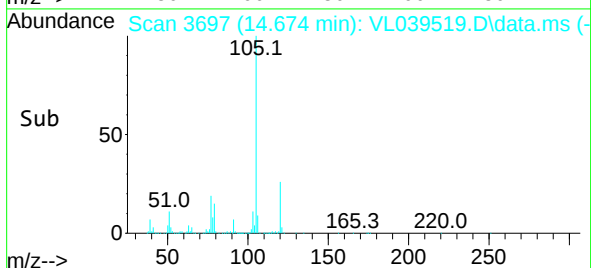
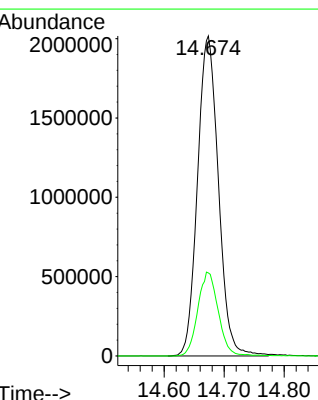
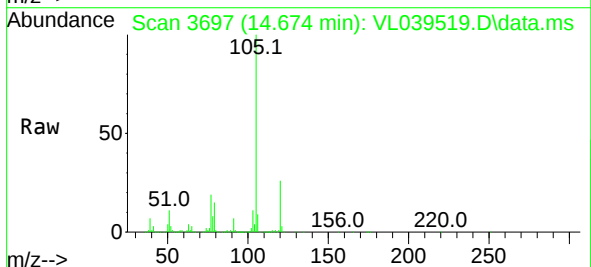
Acq: 25 Jul 2022 12:28

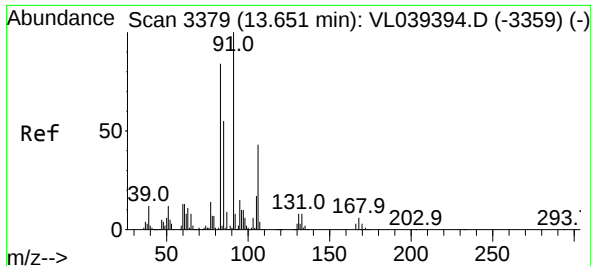
Tgt Ion:105 Resp: 4876120

Ion Ratio Lower Upper

105 100

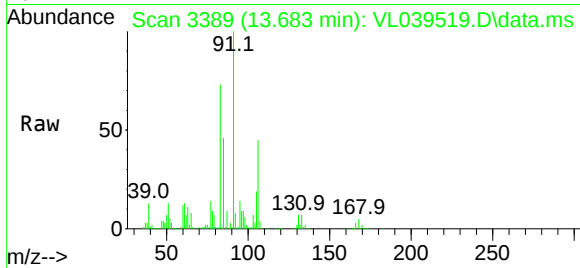
120 25.8 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.344 ppbv
RT: 13.683 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

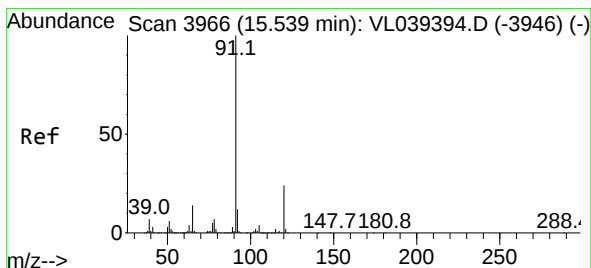
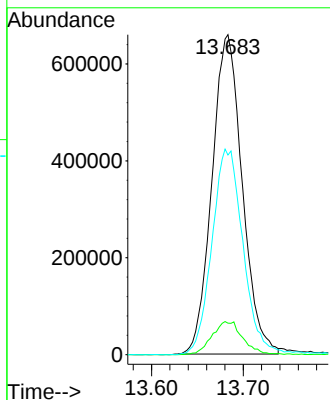
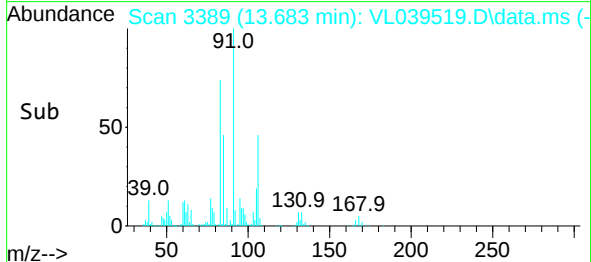
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



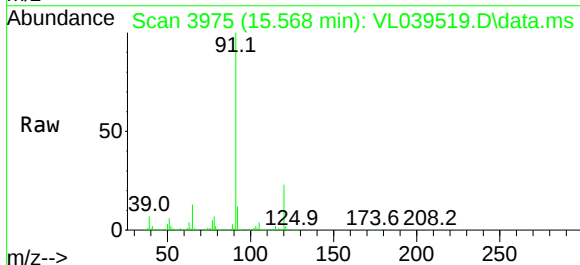
Tgt Ion: 83 Resp: 1512280
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 66.8 33.1 99.5

Manual Integrations
APPROVED

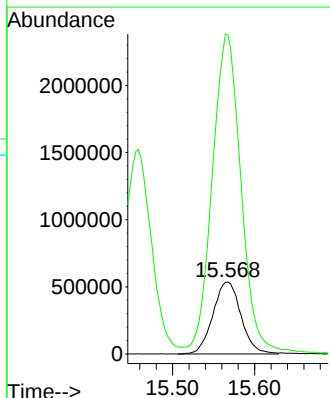
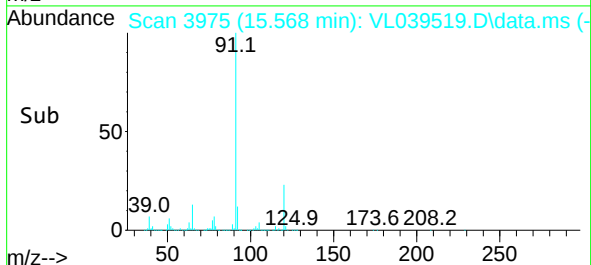
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

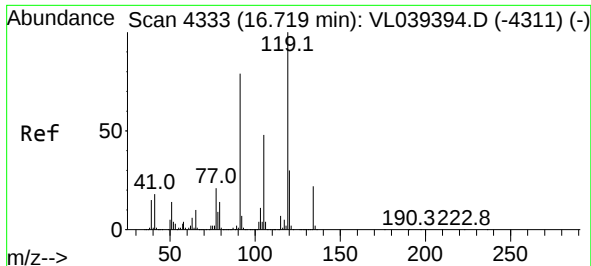


#64
n-propylbenzene
Concen: 10.683 ppbv
RT: 15.568 min Scan# 3975
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



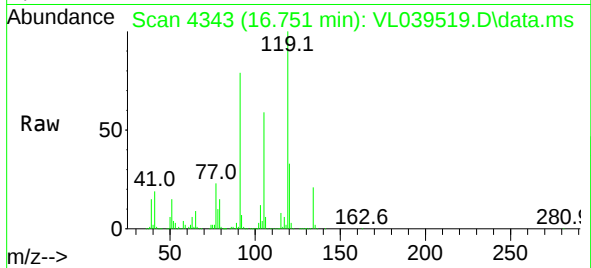
Tgt Ion:120 Resp: 1273272
Ion Ratio Lower Upper
120 100
91 459.2 367.2 550.8





#65
tert-Butylbenzene
Concen: 10.340 ppbv
RT: 16.751 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

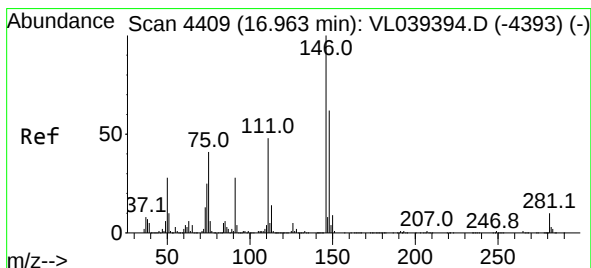
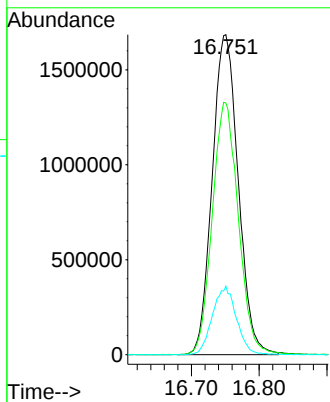
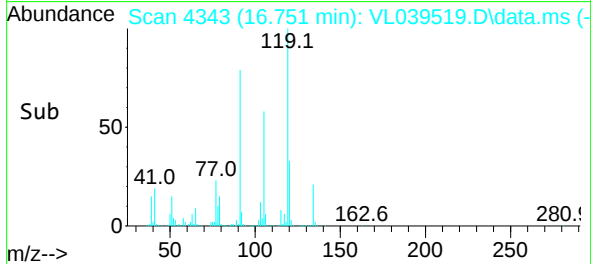
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



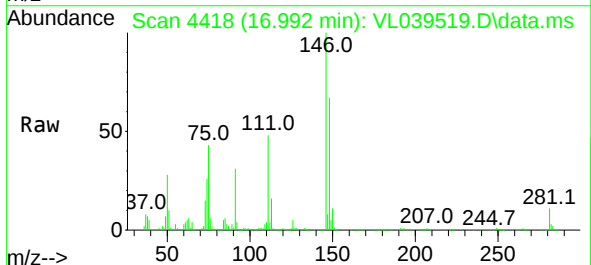
Tgt Ion: 119 Resp: 4493030
Ion Ratio Lower Upper
119 100
91 79.0 63.4 95.2
134 19.7 15.9 23.9

Manual Integrations
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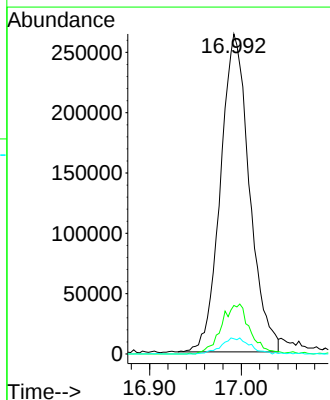
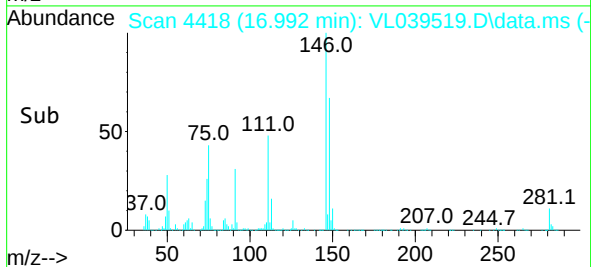
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

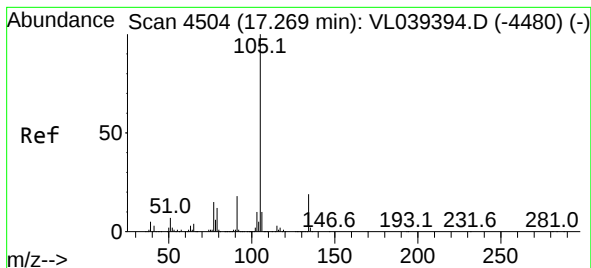


#66
Benzyl Chloride
Concen: 13.997 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. 0.029 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



Tgt Ion: 91 Resp: 577970
Ion Ratio Lower Upper
91 100
126 15.8 13.1 19.7
128 5.1 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.504 ppbv

RT: 17.297 min Scan# 4

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 614795

Ion Ratio Lower Upper

105 100

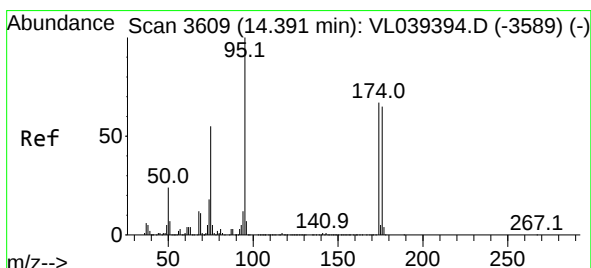
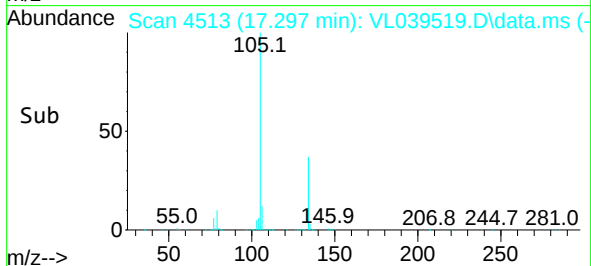
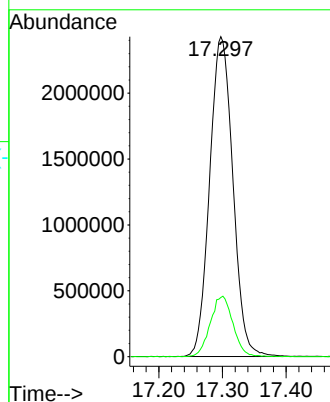
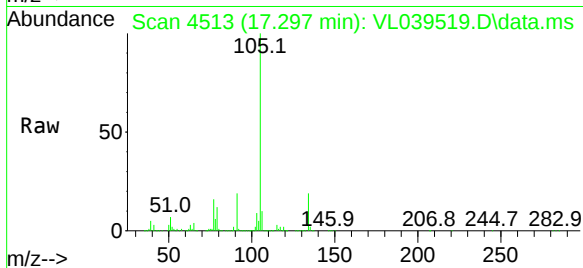
134 18.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.094 ppbv

RT: 14.420 min Scan# 3618

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

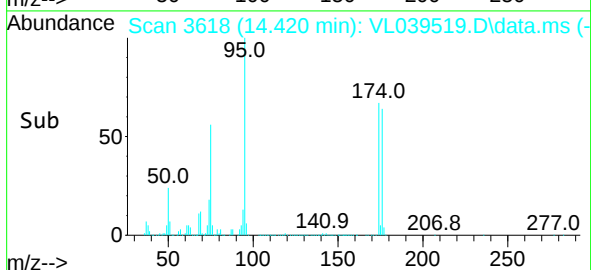
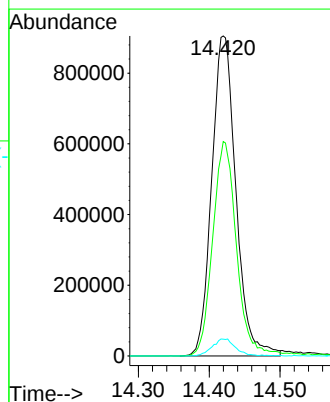
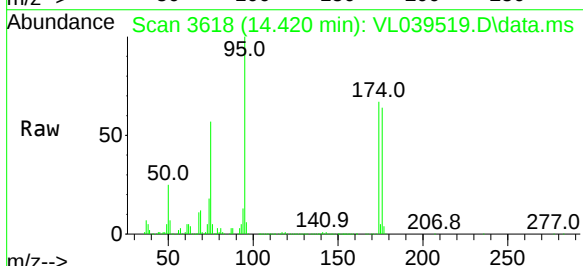
Tgt Ion: 95 Resp: 2145018

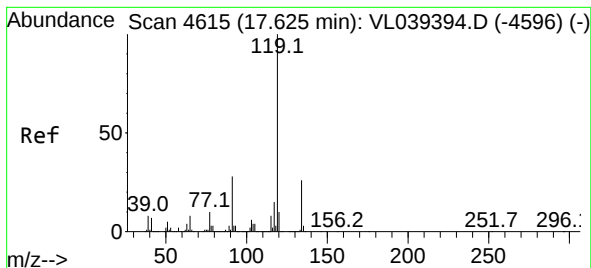
Ion Ratio Lower Upper

95 100

174 66.9 55.9 83.9

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.719 ppbv

RT: 17.657 min Scan# 40

Delta R.T. 0.032 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 532300

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

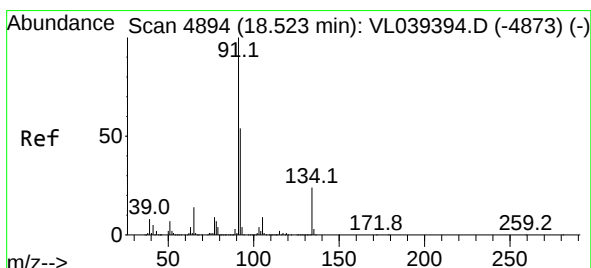
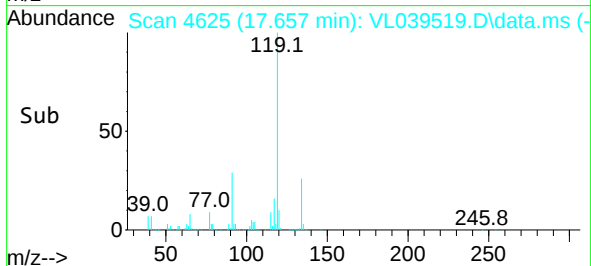
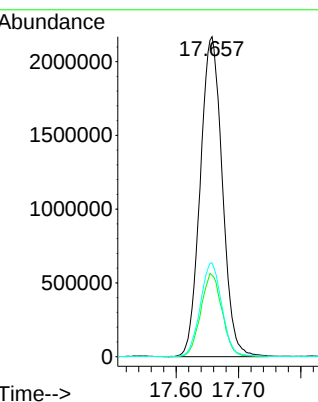
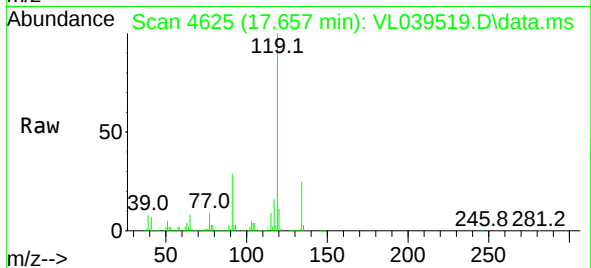
91 28.7 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#70

n-Butylbenzene

Concen: 10.817 ppbv

RT: 18.555 min Scan# 4904

Delta R.T. 0.032 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

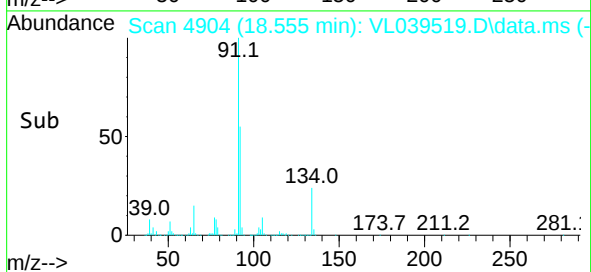
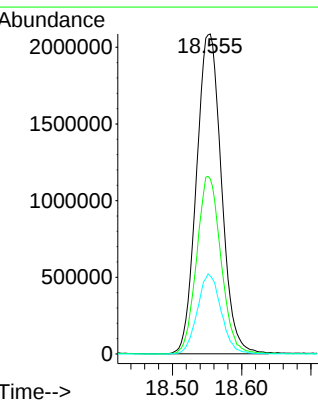
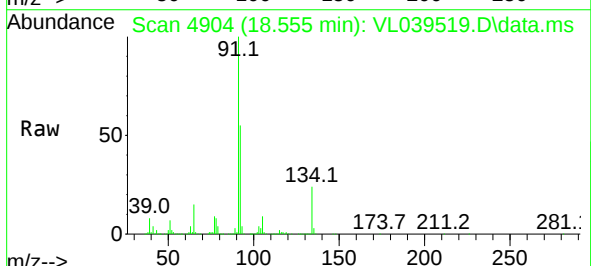
Tgt Ion: 91 Resp: 5213969

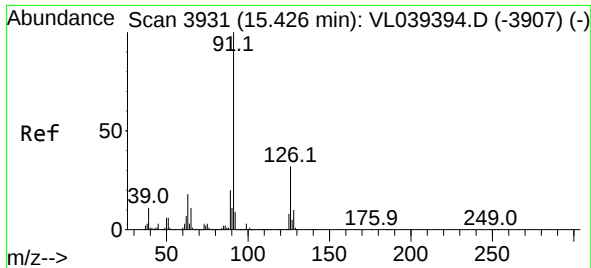
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.2

134 23.9 18.9 28.3





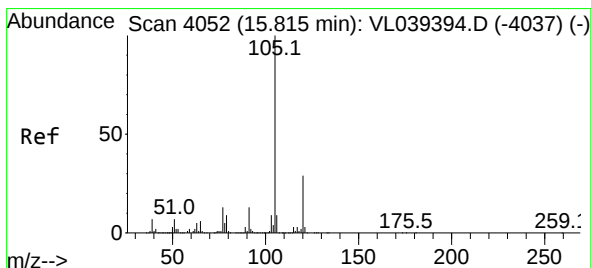
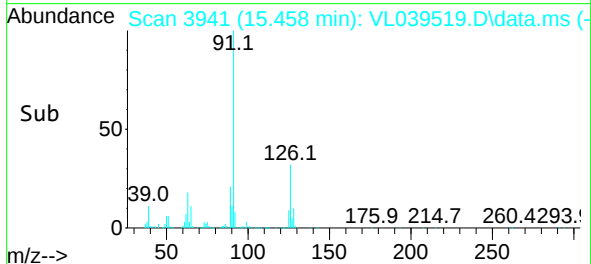
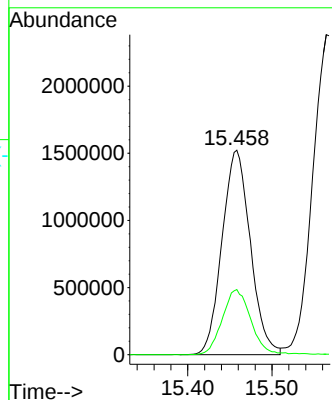
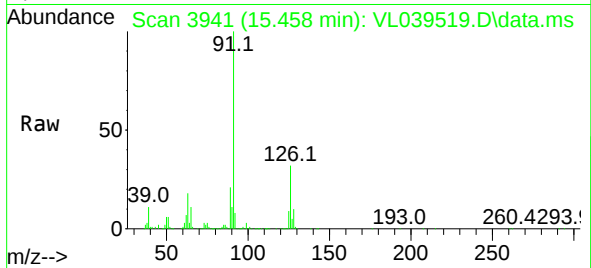
#71
2-Chlorotoluene
Concen: 10.563 ppbv
RT: 15.458 min Scan# 3931
Delta R.T. 0.032 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 355484
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

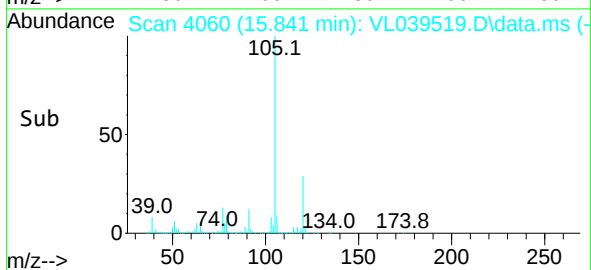
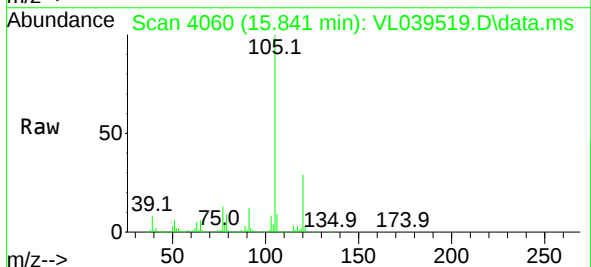
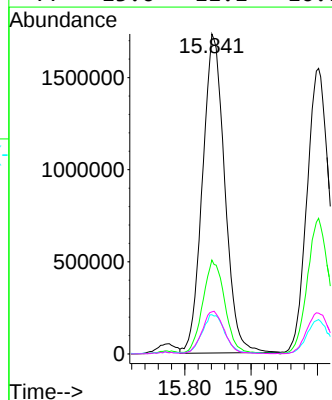
Manual Integrations
APPROVED

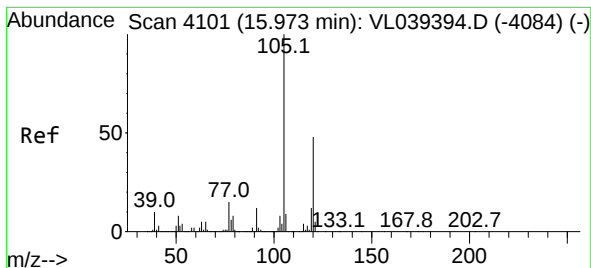
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#72
4-Ethyltoluene
Concen: 11.094 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

Tgt Ion:105 Resp: 4027644
Ion Ratio Lower Upper
105 100
120 29.5 24.2 36.2
91 12.5 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.907 ppbv

RT: 16.002 min Scan# 4101

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 363660

Ion Ratio Lower Upper

105 100

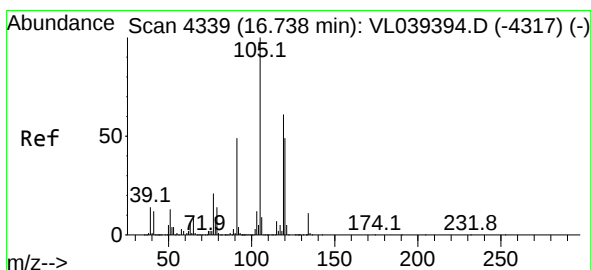
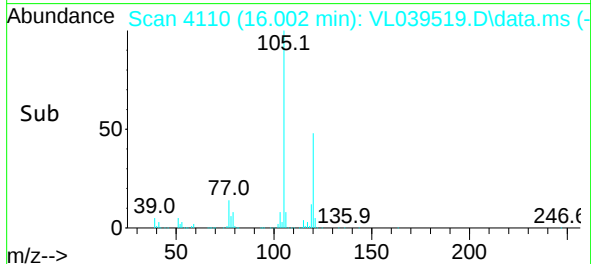
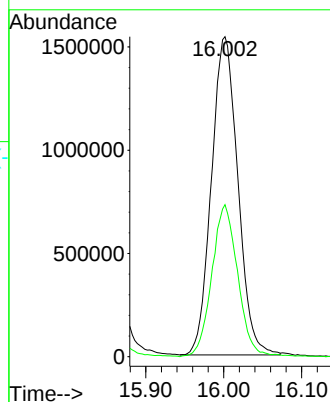
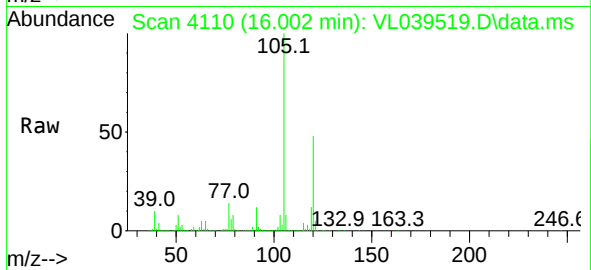
120 47.8 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.700 ppbv

RT: 16.767 min Scan# 4348

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Tgt Ion:105 Resp: 3946694

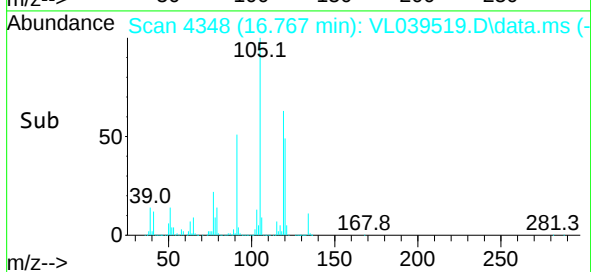
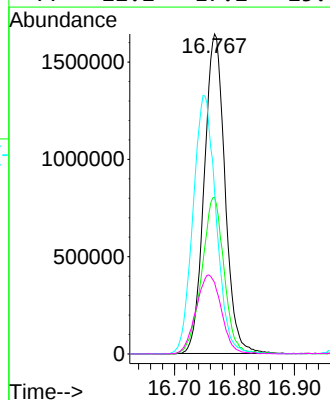
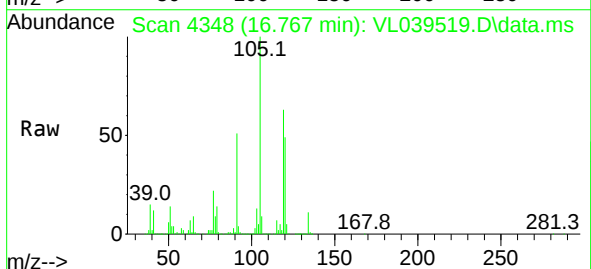
Ion Ratio Lower Upper

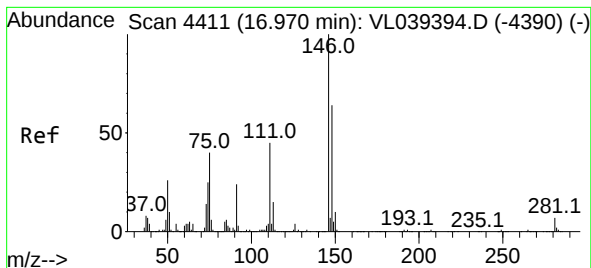
105 100

120 49.0 39.5 59.3

91 50.7 39.2 58.8

77 22.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.750 ppbv

RT: 16.998 min Scan# 4411

Delta R.T. 0.029 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2365328

Ion Ratio Lower Upper

146 100

111 46.4 22.9 68.7

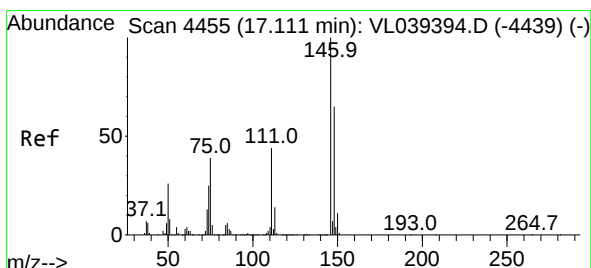
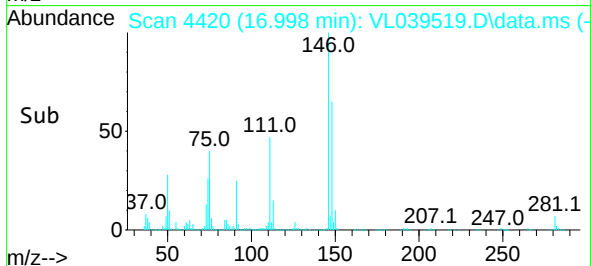
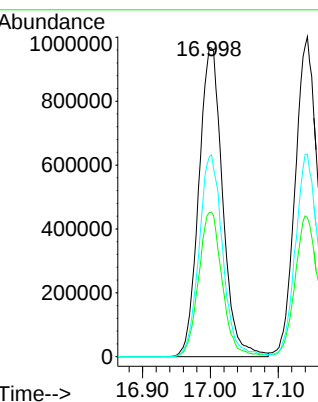
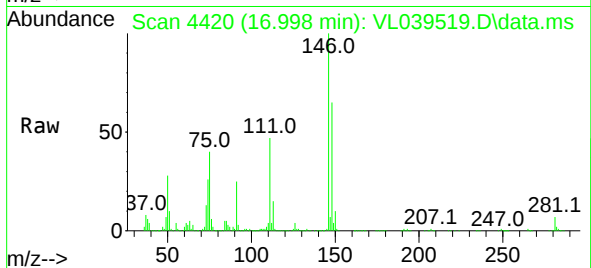
148 64.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#76

1,4-Dichlorobenzene

Concen: 10.578 ppbv

RT: 17.143 min Scan# 4465

Delta R.T. 0.032 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

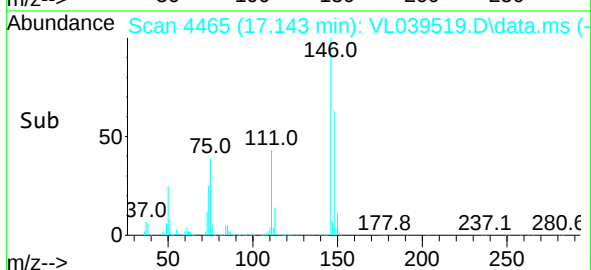
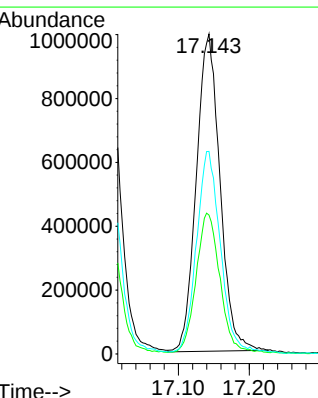
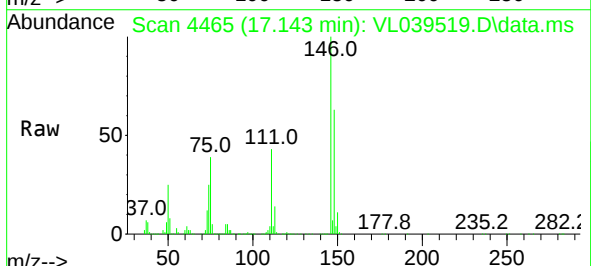
Tgt Ion:146 Resp: 2306764

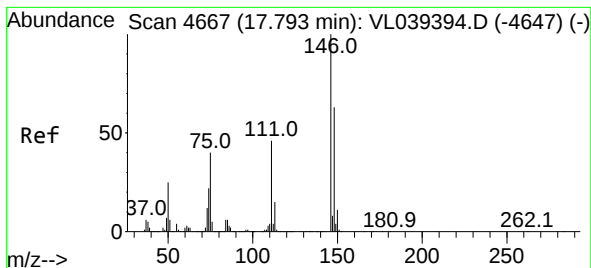
Ion Ratio Lower Upper

146 100

111 45.6 22.9 68.8

148 64.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.542 ppbv

RT: 17.818 min Scan# 40

Delta R.T. 0.026 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 229928

Ion Ratio Lower Upper

146 100

111 47.4 23.8 71.5

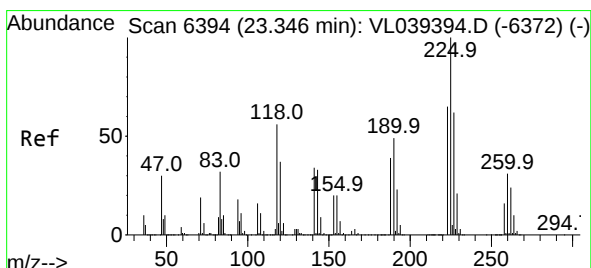
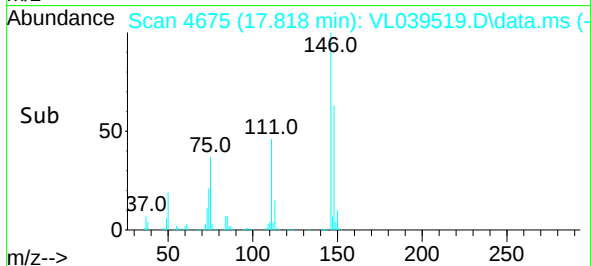
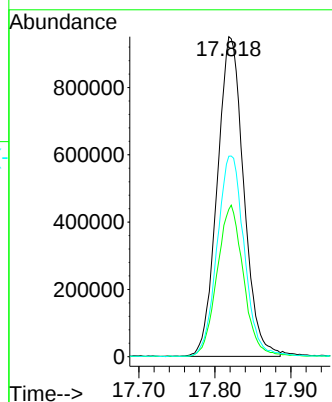
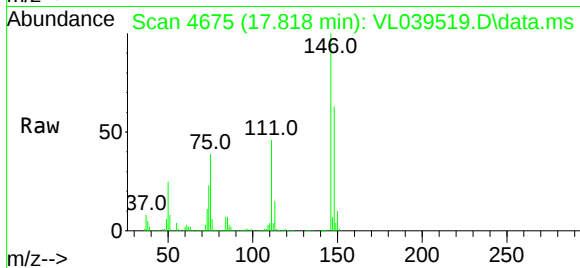
148 64.9 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.367 ppbv

RT: 23.378 min Scan# 6404

Delta R.T. 0.032 min

Lab File: VL039519.D

Acq: 25 Jul 2022 12:28

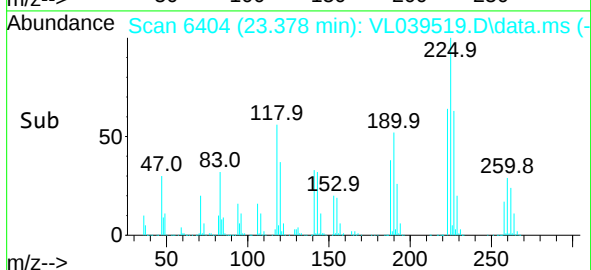
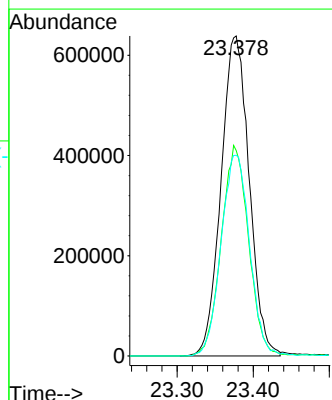
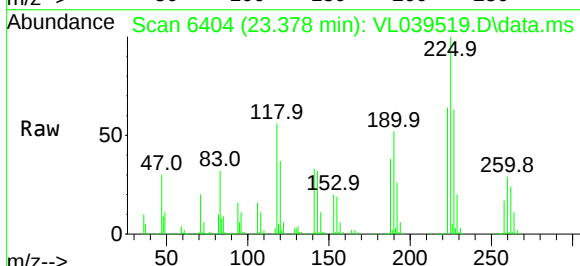
Tgt Ion:225 Resp: 1642950

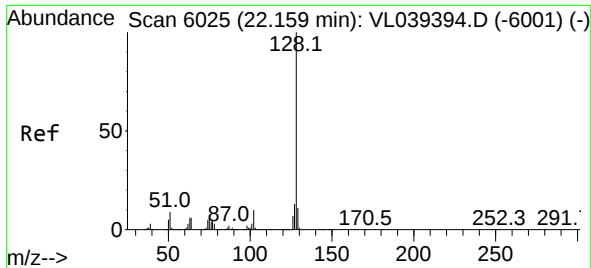
Ion Ratio Lower Upper

225 100

223 64.2 51.8 77.6

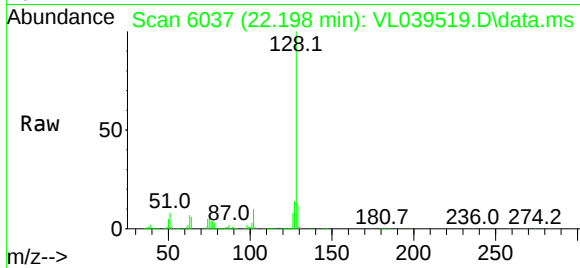
227 64.1 51.4 77.2





#79
Naphthalene
Concen: 12.869 ppbv
RT: 22.198 min Scan# 6025
Delta R.T. 0.038 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28

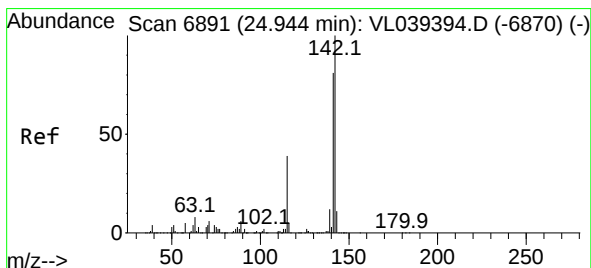
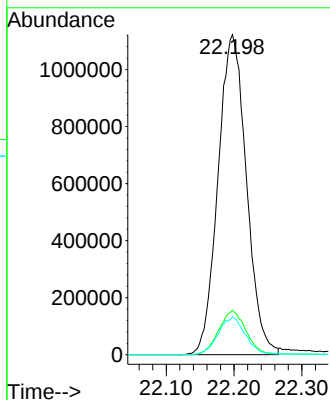
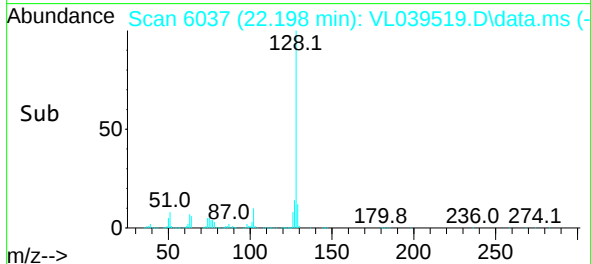
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



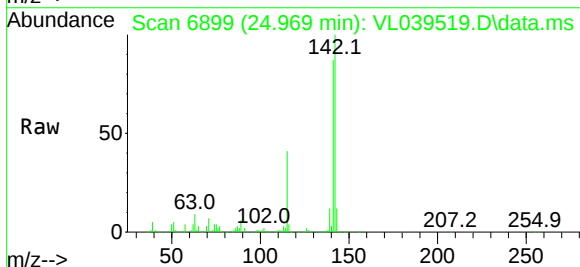
Tgt Ion:128 Resp: 3266790
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.9 8.8 13.2

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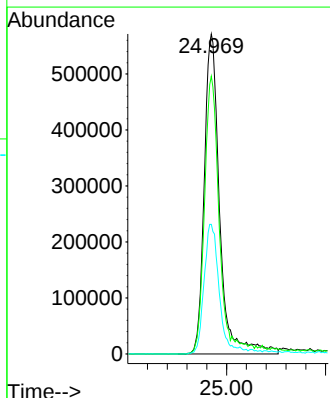
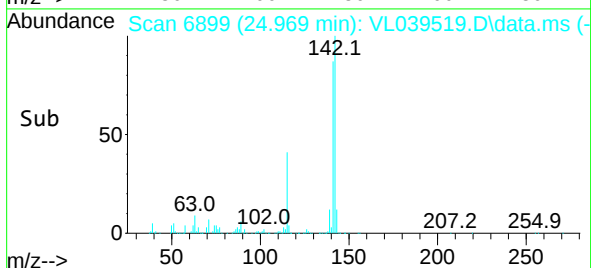
Reviewed By :Semsettin Yesilyurt 07/26/2022
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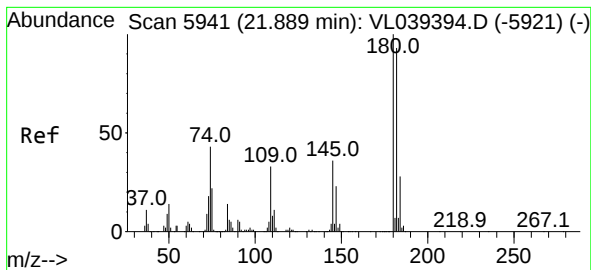


#80
Naphthalene,2-methyl-
Concen: 14.229 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.026 min
Lab File: VL039519.D
Acq: 25 Jul 2022 12:28



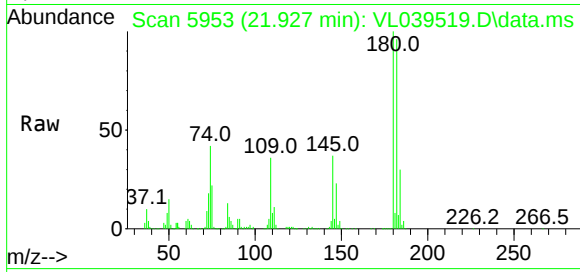
Tgt Ion:142 Resp: 1229380
Ion Ratio Lower Upper
142 100
141 86.3 68.9 103.3
115 41.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.066 ppbv
 RT: 21.927 min Scan# 5953
 Delta R.T. 0.038 min
 Lab File: VL039519.D
 Acq: 25 Jul 2022 12:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1829640
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 184 30.8 24.3 36.5

Manual Integrations
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 Supervised By :Mahesh Dadoda 07/26/2022

