

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039175.D
 Acq On : 4 Jun 2022 12:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 00:44:53 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 06 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	5.674	49	1356611	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3795103	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3443193m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 2718919 9.551 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	2008597	8.430	ppbv	99
3) Chlorodifluoromethane	2.999	51	1651719	9.569	ppbv	95
4) Chloromethane	3.153	50	878541	9.909	ppbv	99
5) Vinyl Chloride	3.269	62	875915	10.568	ppbv	100
6) Bromomethane	3.485	94	398360	9.770	ppbv	100
7) Chloroethane	3.568	64	302335	10.468	ppbv	90
8) Dichlorotetrafluoroethane	3.198	85	2040490	9.370	ppbv	94
9) Propene	3.022	41	826798	10.985	ppbv	99
10) Heptane	8.128	43	1953607	11.127	ppbv	99
11) Trichlorofluoromethane	3.961	101	1904205	8.828	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.494	101	1361643	9.546	ppbv	100
13) Ethanol	3.613	45	42062m	10.247	ppbv	
14) Bromoethene	3.748	108	638747	9.961	ppbv	98
15) Acetone	3.858	43	1312895	9.291	ppbv	100
16) 1,3-Butadiene	3.337	39	774324	10.193	ppbv	97
17) tert-Butyl alcohol	4.292	59	1189175	10.849	ppbv	99
18) 1,1-Dichloroethene	4.298	96	631852	9.875	ppbv	97
19) Isopropyl Alcohol	3.970	45	732761	11.055	ppbv	99
20) Methylene Chloride	4.353	84	500733	8.408	ppbv	95
21) Allyl Chloride	4.423	41	946342	9.927	ppbv	100
22) trans-1,2-Dichloroethene	4.896	96	635670	10.325	ppbv	97
23) Vinyl Acetate	5.083	43	1193728	10.210	ppbv #	97
24) 1,1-Dichloroethane	5.018	63	1226306	7.655	ppbv	99
25) Ethyl Acetate	5.684	43	3372675	10.589	ppbv	100
26) Hexane	5.694	57	1461143	10.439	ppbv	99
27) Carbon Disulfide	4.559	76	1409247	9.714	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1185589	7.673	ppbv	99
29) Chloroform	5.761	83	2257591	9.585	ppbv	99
30) Cyclohexane	7.137	84	1294445	11.009	ppbv	95
31) cis-1,2-Dichloroethene	5.559	61	1478000	10.356	ppbv	92
32) 1,1,1-Trichloroethane	6.520	97	2260147	9.807	ppbv	98
34) 2-Butanone	5.250	43	1955245	9.483	ppbv	97
35) Carbon Tetrachloride	7.028	117	2301171	8.308	ppbv	95
36) Benzene	6.899	78	3117865	10.120	ppbv	99
37) 1,2-Dichloroethane	6.314	62	1681976	8.295	ppbv #	95
38) Trichloroethene	7.841	130	1489615	10.526	ppbv	98
39) 1,2-Dichloropropane	7.620	63	1207337	9.852	ppbv	93
40) 1,4-Dioxane	7.832	88	467790	11.595	ppbv #	1
41) Tetrahydrofuran	6.054	42	1277791	10.304	ppbv	100
42) Bromodichloromethane	7.800	83	2454636	8.723	ppbv	99
43) Methyl Methacrylate	8.018	69	1255990	10.465	ppbv	97
44) 2,2,4-Trimethylpentane	7.877	57	5120032	9.499	ppbv	97
45) t-1,3-Dichloropropene	9.282	75	1324117	10.594	ppbv	96

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

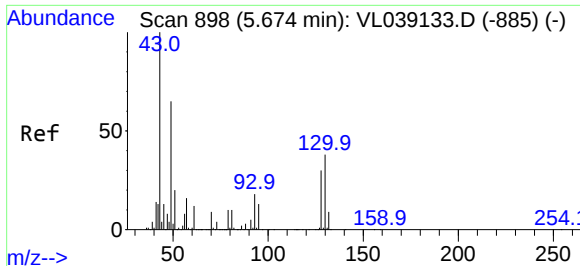
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 06 00:44:53 2022

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

Response via : Initial Calibration

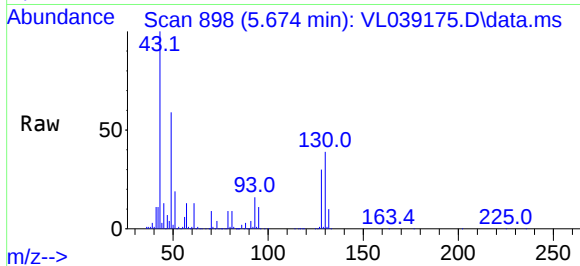
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1697997	10.284	ppbv	95
47) 1,1,2-Trichloroethane	9.481	97	1269477	9.929	ppbv	100
48) Dibromochloromethane	10.307	129	2092676	9.167	ppbv	99
49) Bromoform	13.047	173	1677393	8.817	ppbv	98
50) 4-Methyl-2-Pentanone	8.745	43	3126900	10.132	ppbv	98
51) 2-Hexanone	10.134	43	2484846	10.347	ppbv #	98
52) Tetrachloroethene	11.230	164	1143360	9.504	ppbv	97
53) Toluene	9.812	91	3637541	10.253	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1764134	10.268	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.131	131	1497956	9.194	ppbv	99
57) Chlorobenzene	12.150	112	2642360	10.199	ppbv	94
58) Ethyl Benzene	12.716	91	4817732	10.158	ppbv	98
59) m/p-Xylene	12.999	91	7943916m	19.020	ppbv	
60) o-Xylene	13.696	91	3719000	9.476	ppbv	97
61) Styrene	13.529	104	2299462	10.942	ppbv	95
62) Isopropylbenzene	14.671	105	5511834	9.449	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.680	83	1966171	8.925	ppbv	100
64) n-propylbenzene	15.565	120	1450307	10.114	ppbv	93
65) tert-Butylbenzene	16.745	119	4838387	9.071	ppbv	96
66) Benzyl Chloride	16.989	91	669377	9.651	ppbv	99
67) sec-Butylbenzene	17.294	105	6813747	9.362	ppbv	99
69) p-Isopropyltoluene	17.651	119	5717598	9.312	ppbv	98
70) n-Butylbenzene	18.552	91	5965307	9.465	ppbv	99
71) 2-Chlorotoluene	15.455	91	4108393	9.236	ppbv	97
72) 4-Ethyltoluene	15.841	105	4528485	9.845	ppbv	98
73) 1,3,5-Trimethylbenzene	15.999	105	4015689	9.680	ppbv	100
74) 1,2,4-Trimethylbenzene	16.764	105	4285525	9.257	ppbv	93
75) 1,3-Dichlorobenzene	16.999	146	2550846	9.734	ppbv	98
76) 1,4-Dichlorobenzene	17.137	146	2529054	9.673	ppbv	97
77) 1,2-Dichlorobenzene	17.815	146	2472097	9.360	ppbv	98
78) Hexachloro-1,3-Butadiene	23.371	225	2276014	9.424	ppbv	99
79) Naphthalene	22.198	128	4863977	13.648	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	1682783	12.709	ppbv	96
81) 1,2,4-Trichlorobenzene	21.924	180	2631903	11.657	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.000 min
Lab File: VL039175.D
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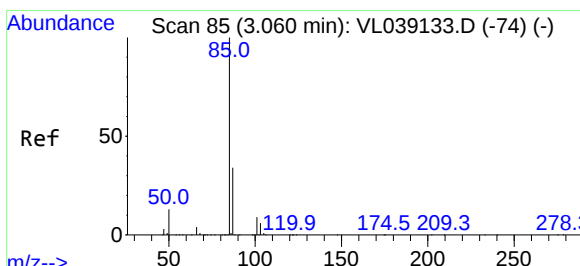
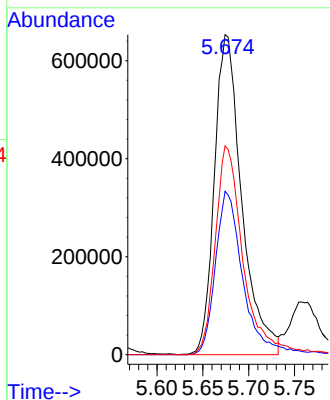
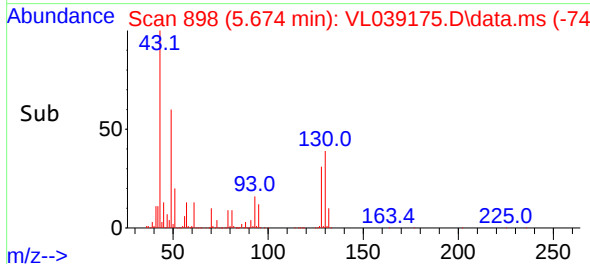
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



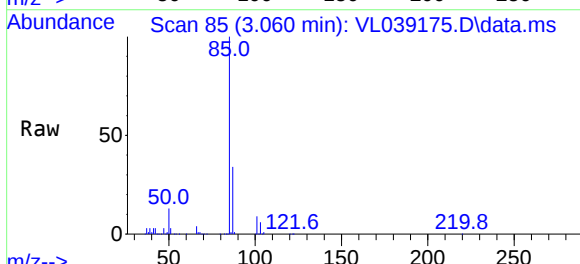
Tgt Ion: 49 Resp: 135661
Ion Ratio Lower Upper
49 100
128 52.5 24.7 74.1
130 67.1 31.4 94.0

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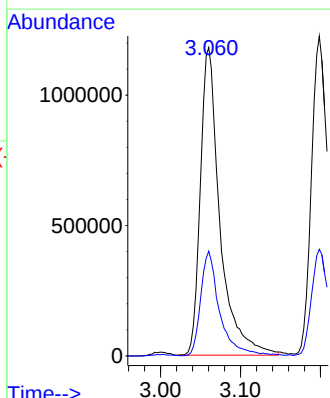
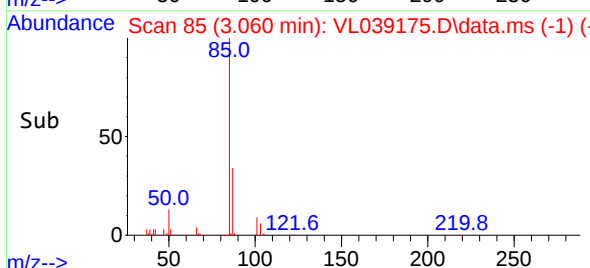
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

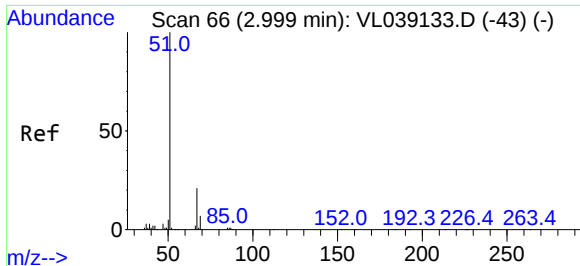


#2
Dichlorodifluoromethane
Concen: 8.430 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 85 Resp: 2008597
Ion Ratio Lower Upper
85 100
87 33.9 26.9 40.3





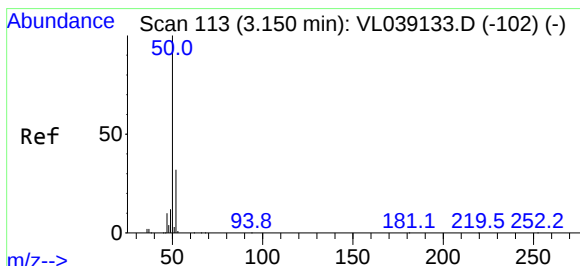
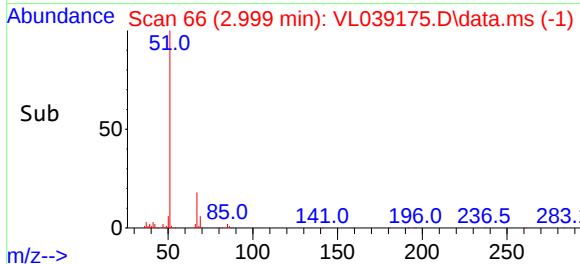
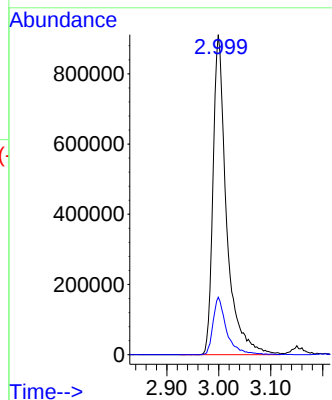
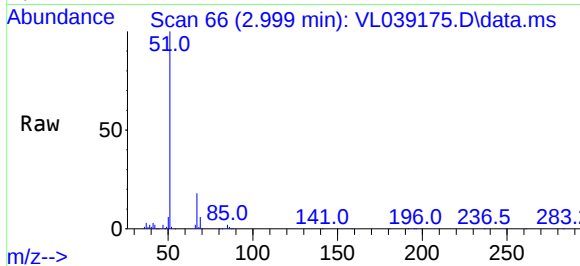
#3
Chlorodifluoromethane
Concen: 9.569 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1651719
Ion Ratio Lower Upper
51 100
67 18.1 16.2 24.4

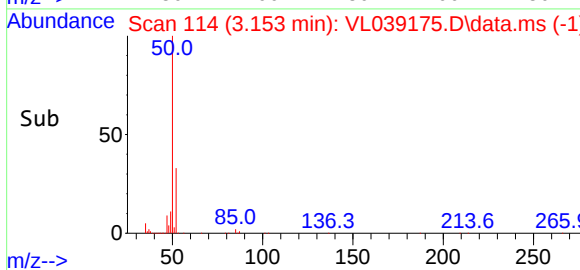
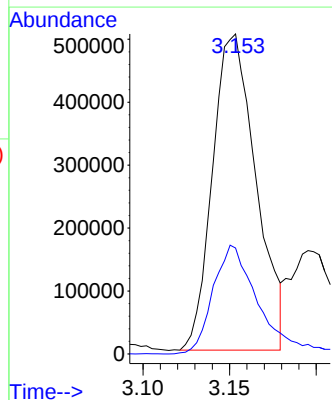
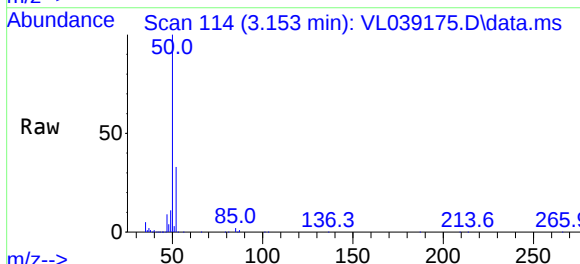
Manual Integrations
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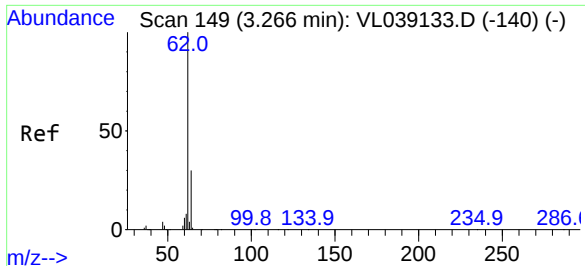
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#4
Chloromethane
Concen: 9.909 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

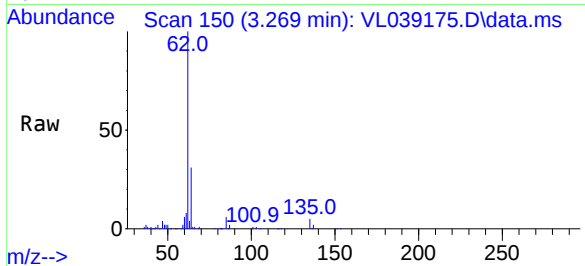
Tgt Ion: 50 Resp: 878541
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.568 ppbv
 RT: 3.269 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

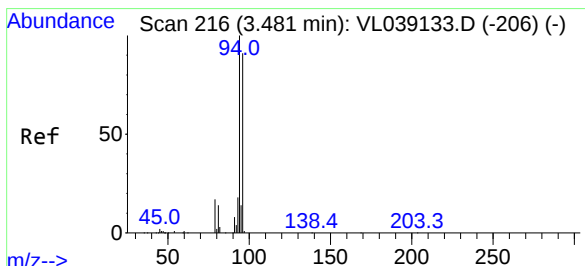
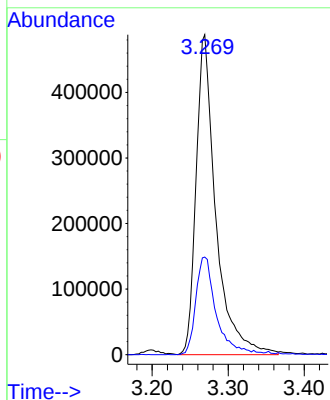
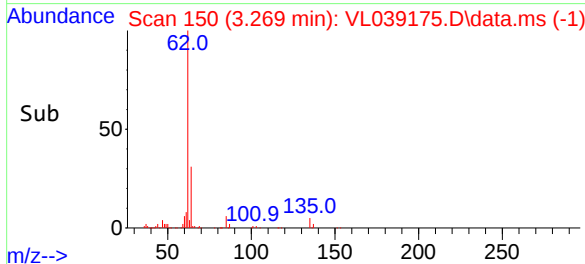
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 875915
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.2 36.2

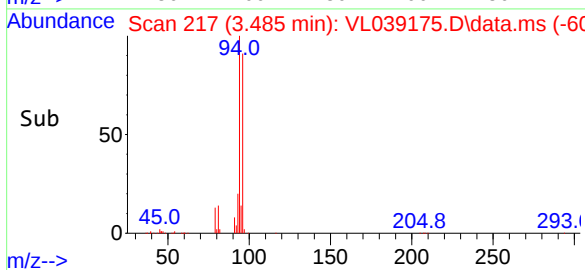
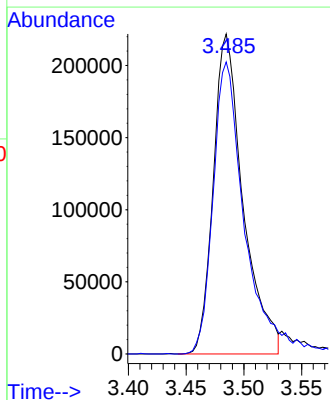
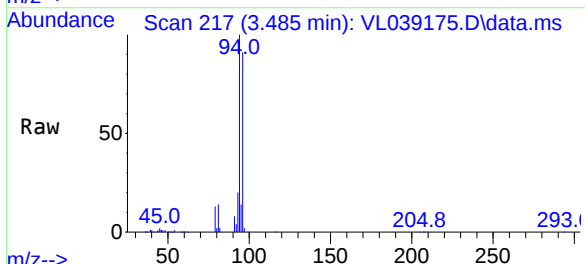
Manual Integrations
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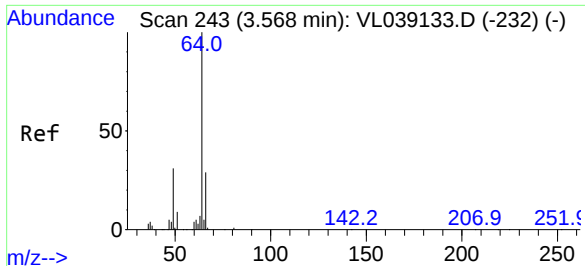
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#6
 Bromomethane
 Concen: 9.770 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

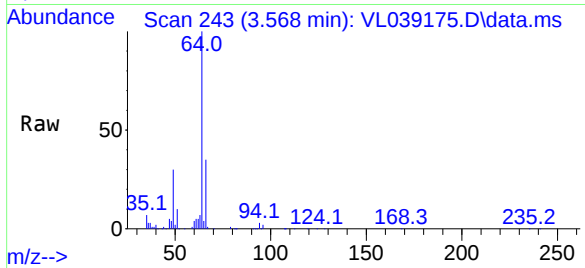
Tgt Ion: 94 Resp: 398360
 Ion Ratio Lower Upper
 94 100
 96 91.3 73.0 109.4





#7
Chloroethane
Concen: 10.468 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

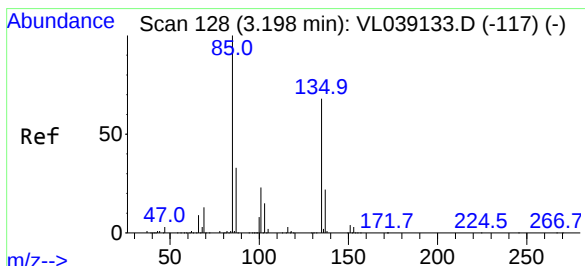
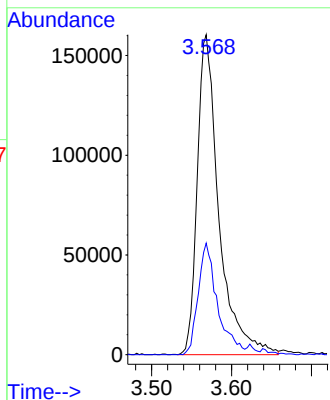
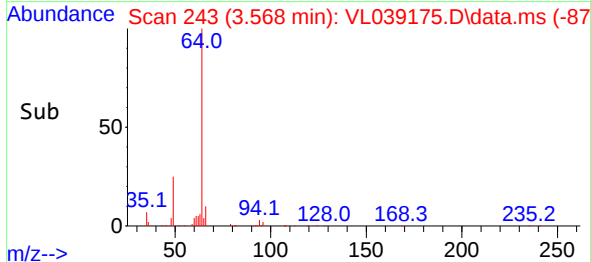
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



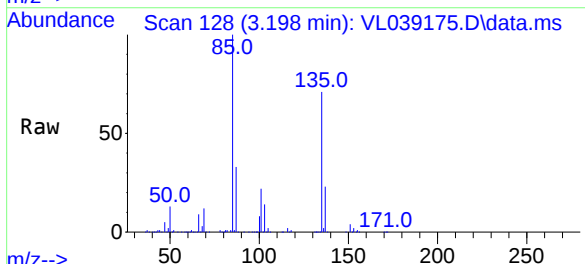
Tgt Ion: 64 Resp: 302335
Ion Ratio Lower Upper
64 100
66 34.9 23.6 35.4

Manual Integrations
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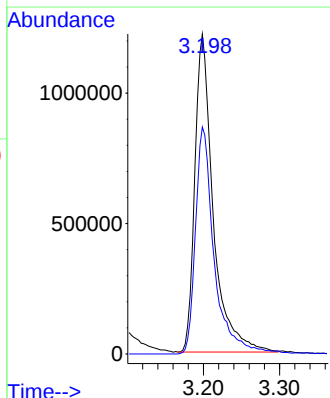
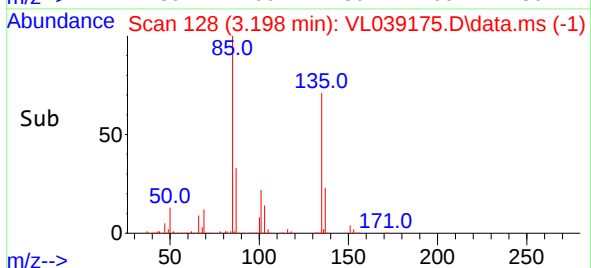
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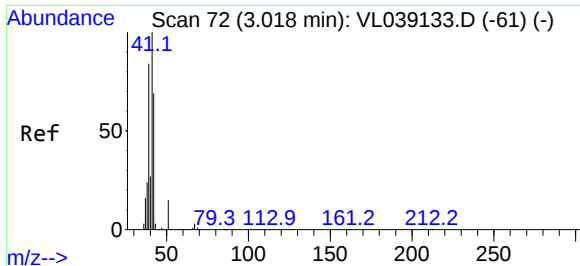


#8
Dichlorotetrafluoroethane
Concen: 9.370 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



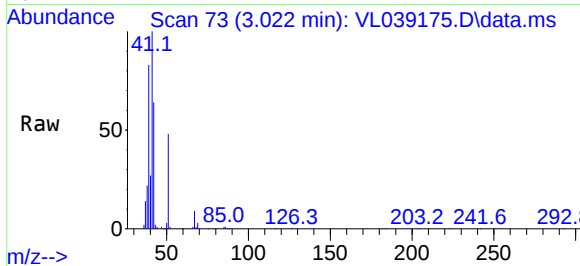
Tgt Ion: 85 Resp: 2040490
Ion Ratio Lower Upper
85 100
135 73.7 55.0 82.4





#9
Propene
Concen: 10.985 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

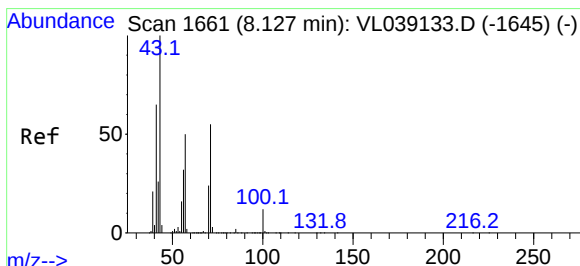
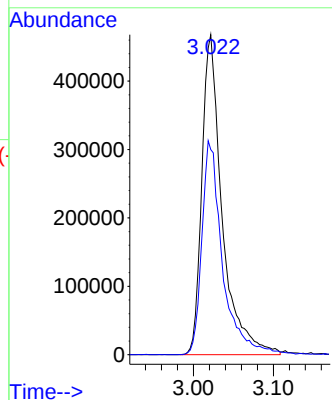
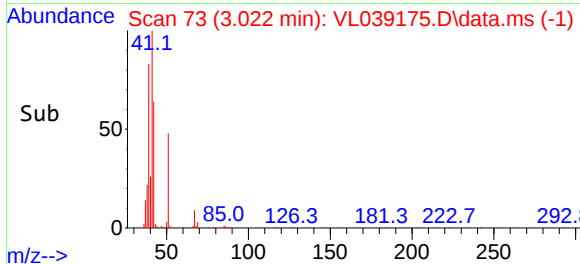
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



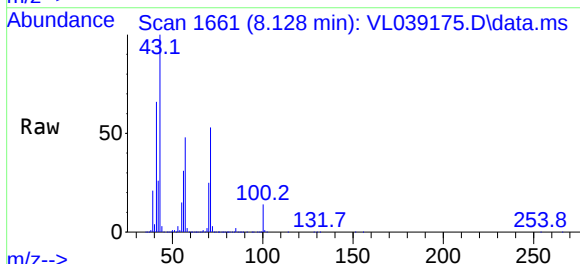
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Ion Ratio Lower Upper
41 100
42 68.4 55.4 83.2

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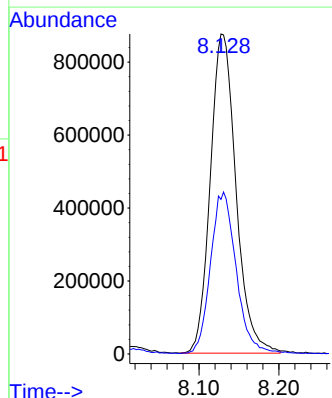
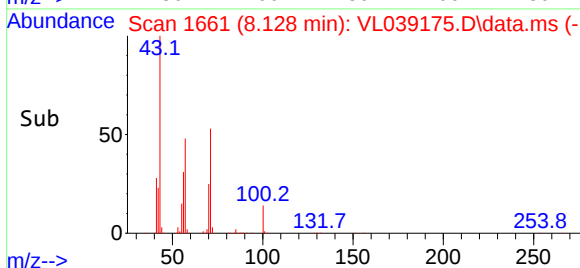
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

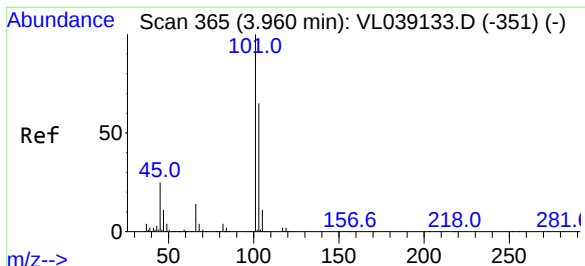


#10
Heptane
Concen: 11.127 ppbv
RT: 8.128 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



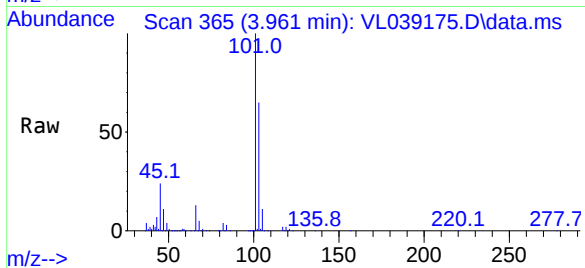
Tgt Ion: 43 Resp: 1953607
Ion Ratio Lower Upper
43 100
57 50.9 41.4 62.2





#11
Trichlorofluoromethane
Concen: 8.828 ppbv
RT: 3.961 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

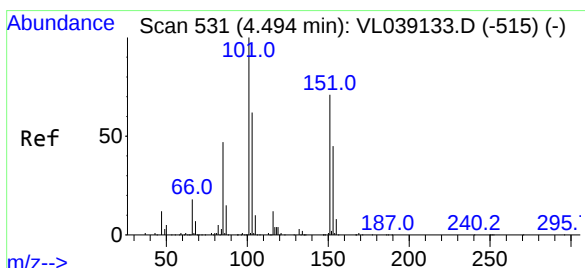
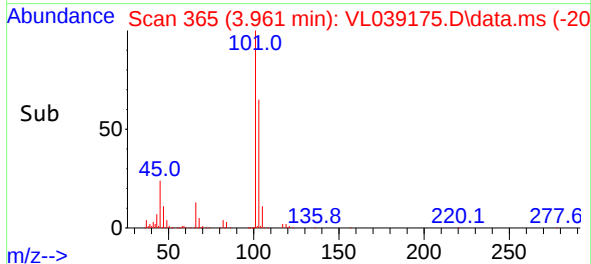
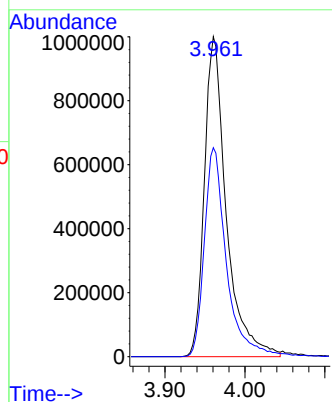
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 190420
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

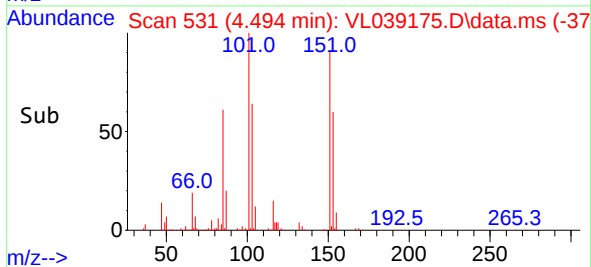
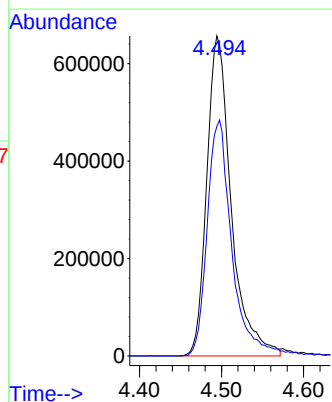
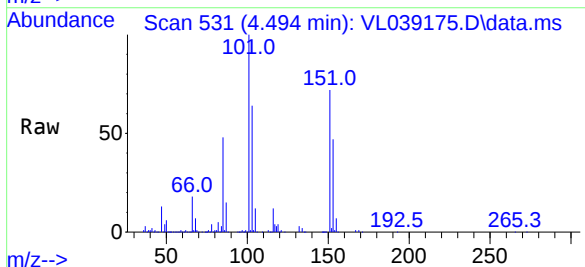
Manual Integrations
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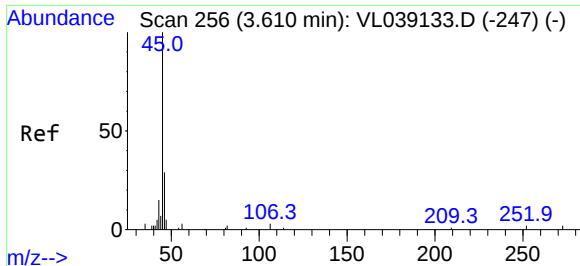
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.546 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

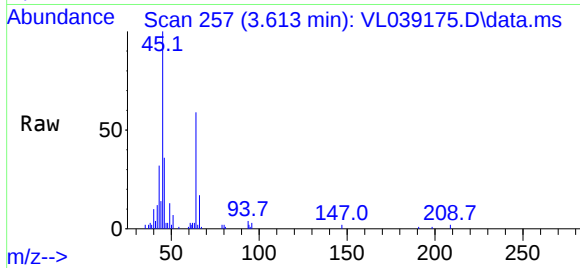
Tgt Ion:101 Resp: 1361643
Ion Ratio Lower Upper
101 100
151 74.6 59.4 89.0





#13
Ethanol
Concen: 10.247 ppbv
RT: 3.613 min Scan# 210
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

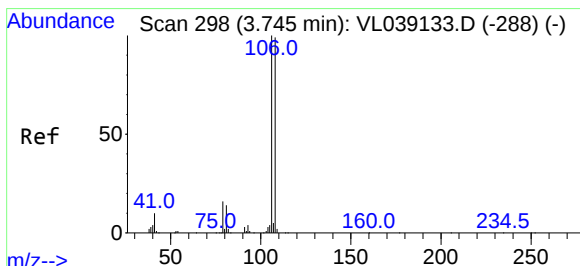
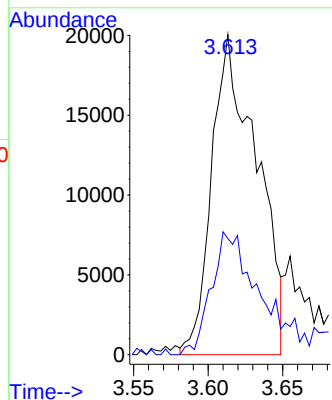
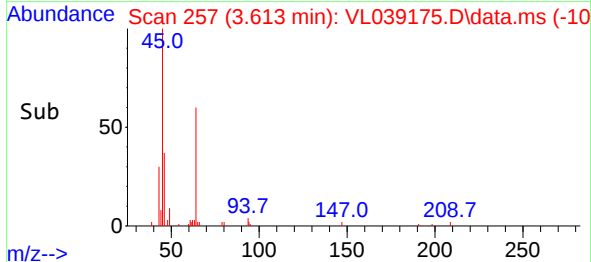
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



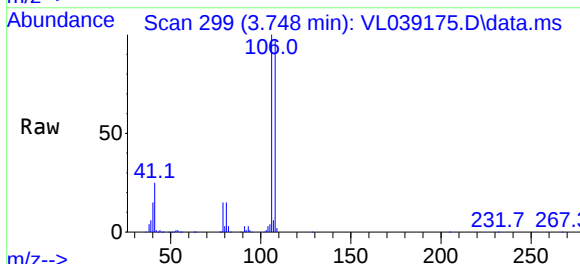
Tgt Ion: 45 Resp: 42062
Ion Ratio Lower Upper
45 100
46 46.8 0.0 0.0

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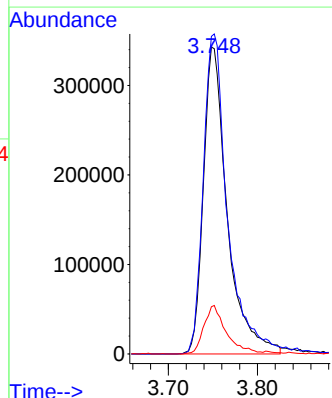
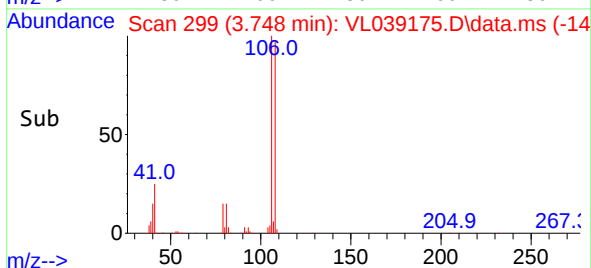
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

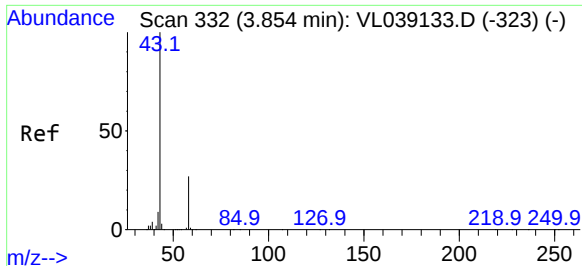


#14
Bromoethene
Concen: 9.961 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



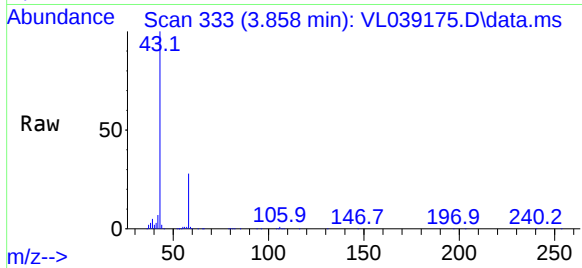
Tgt Ion:108 Resp: 638747
Ion Ratio Lower Upper
108 100
106 108.0 88.4 132.6
79 15.5 13.4 20.2





#15
Acetone
Concen: 9.291 ppbv
RT: 3.858 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

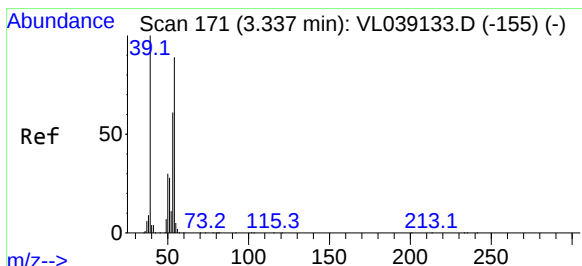
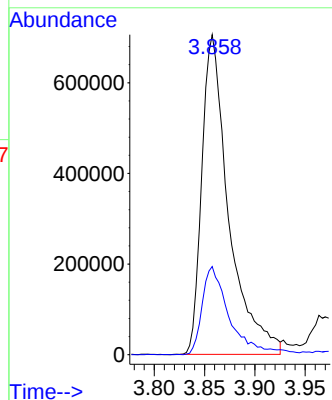
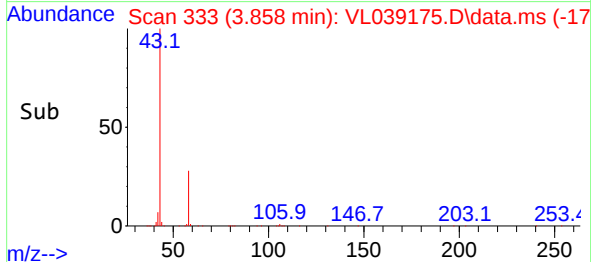
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 131289
Ion Ratio Lower Upper
43 100
58 28.3 22.5 33.7

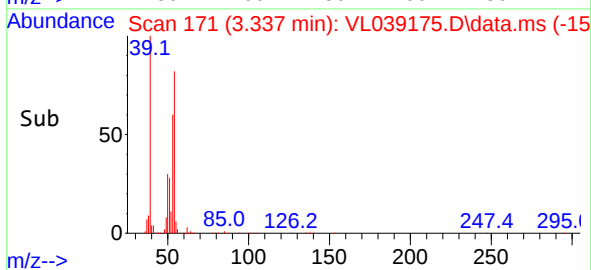
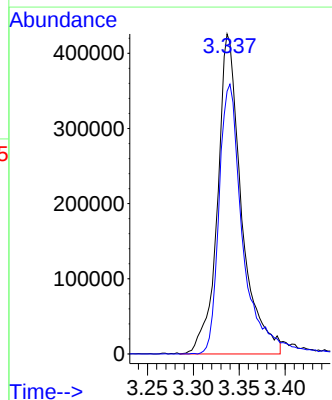
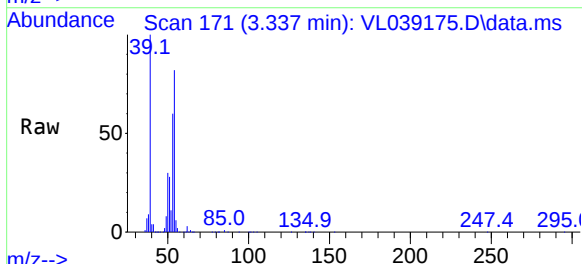
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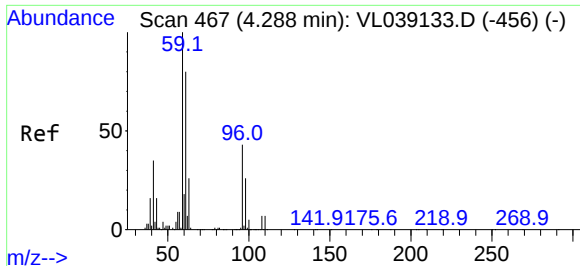
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#16
1,3-Butadiene
Concen: 10.193 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Tgt Ion: 39 Resp: 774324
Ion Ratio Lower Upper
39 100
54 85.2 65.8 98.6





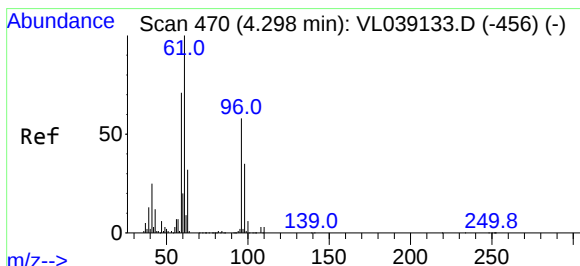
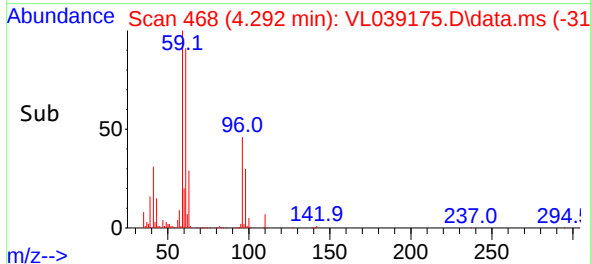
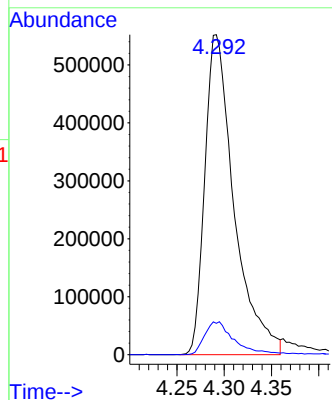
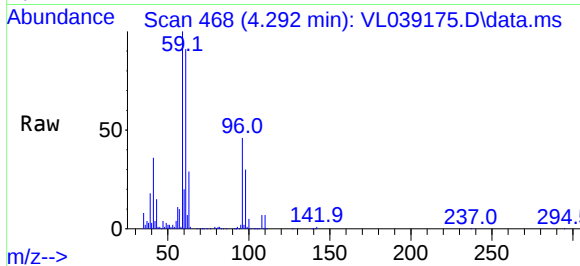
#17
tert-Butyl alcohol
Concen: 10.849 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 118917
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

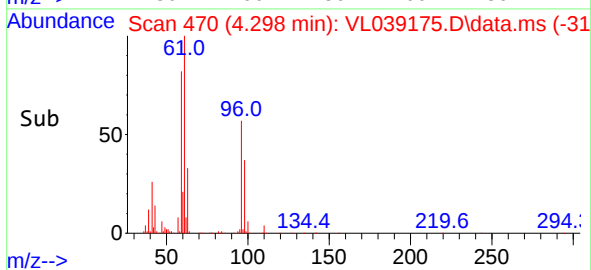
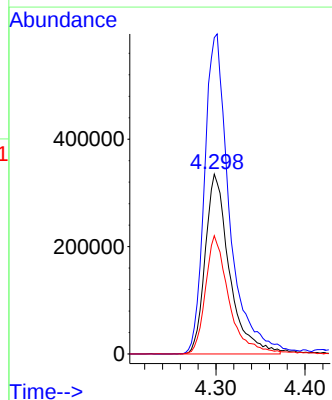
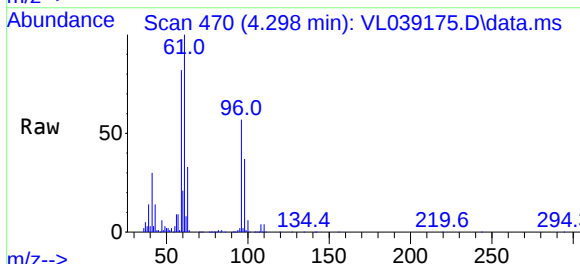
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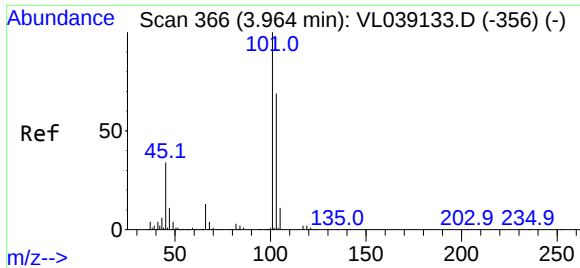
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#18
1,1-Dichloroethene
Concen: 9.875 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

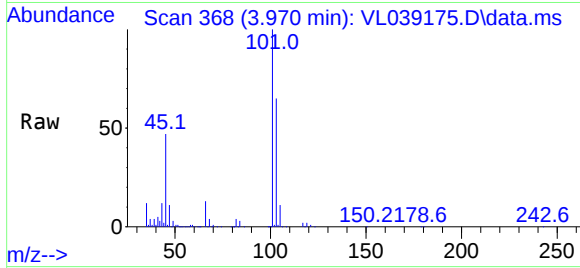
Tgt Ion: 96 Resp: 631852
Ion Ratio Lower Upper
96 100
61 175.6 138.4 207.6
98 65.7 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.055 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

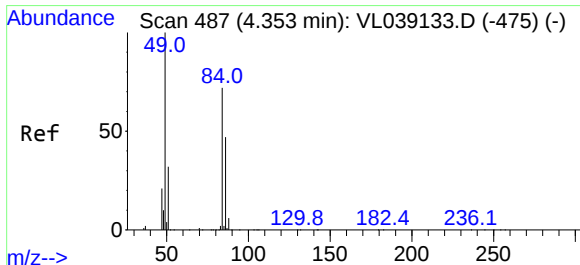
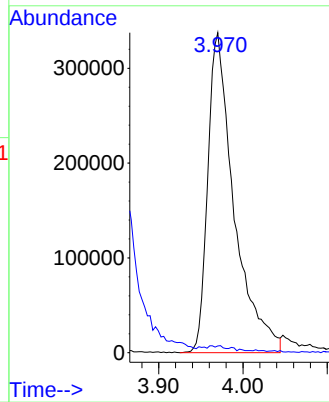
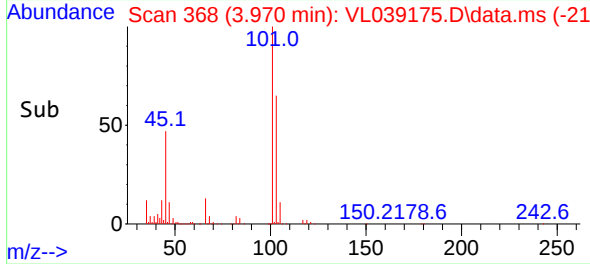
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



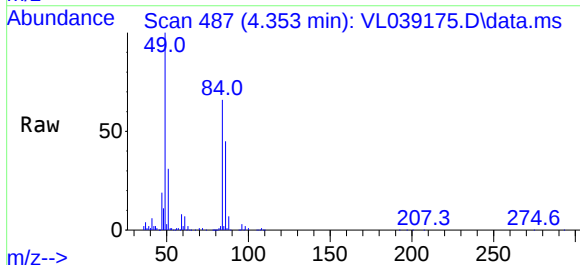
Tgt Ion: 45 Resp: 73276
Ion Ratio Lower Upper
45 100
58 2.7 1.8 2.8

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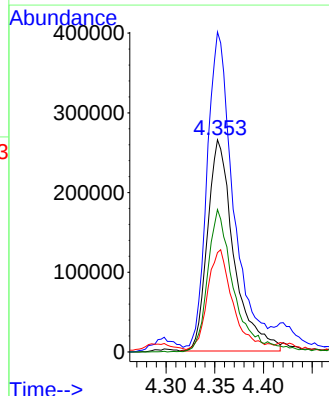
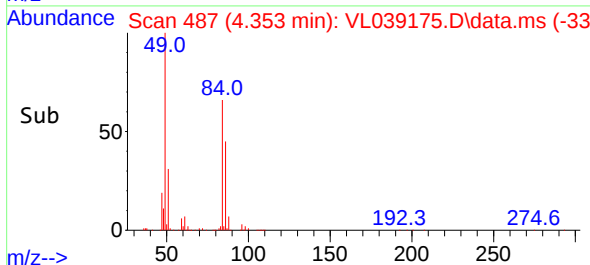
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

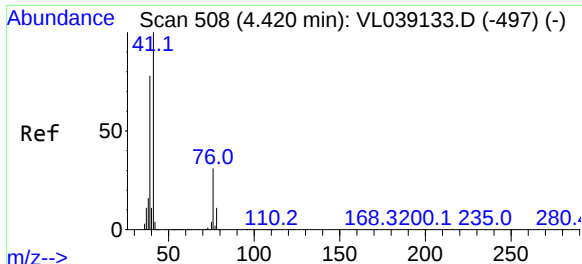


#20
Methylene Chloride
Concen: 8.408 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 84 Resp: 500733
Ion Ratio Lower Upper
84 100
49 148.1 111.1 166.7
51 45.1 35.3 52.9
86 67.3 51.9 77.9





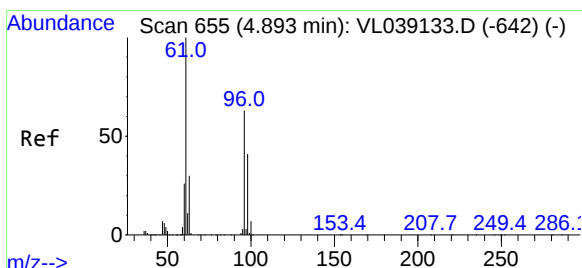
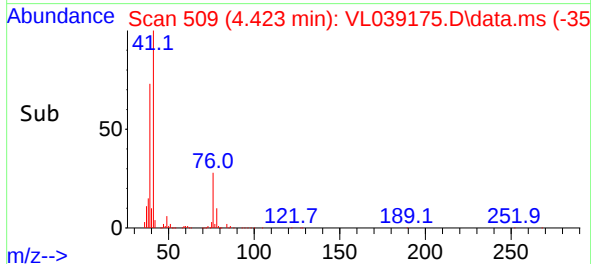
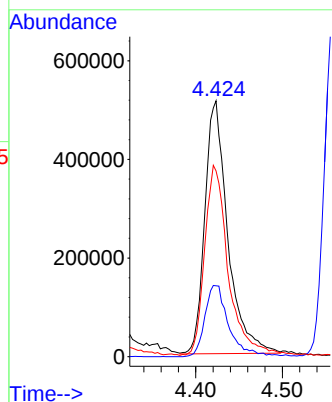
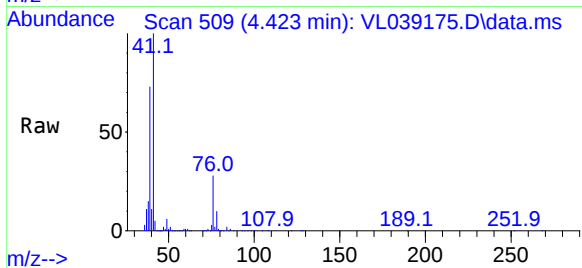
#21
 Allyl Chloride
 Concen: 9.927 ppbv
 RT: 4.423 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 94634
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.2 36.2
 39 77.8 62.2 93.2

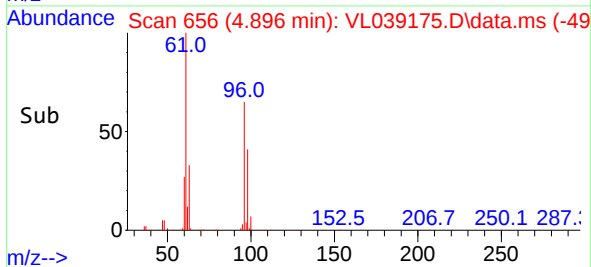
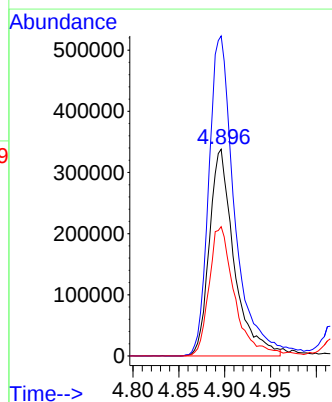
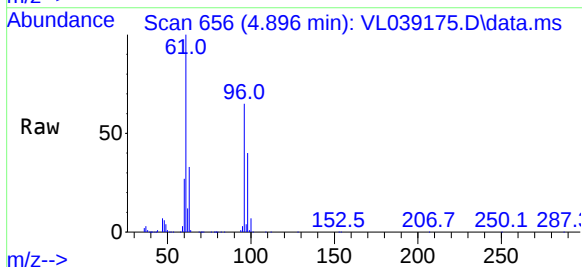
Manual Integrations
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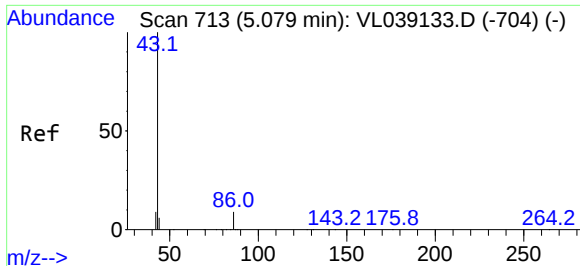
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.325 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

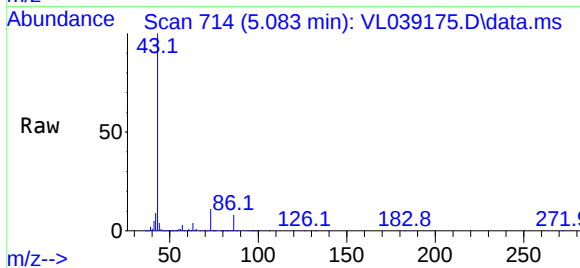
Tgt Ion: 96 Resp: 635670
 Ion Ratio Lower Upper
 96 100
 61 154.8 126.6 190.0
 98 62.5 52.5 78.7





#23
 Vinyl Acetate
 Concen: 10.210 ppbv
 RT: 5.083 min Scan# 713
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

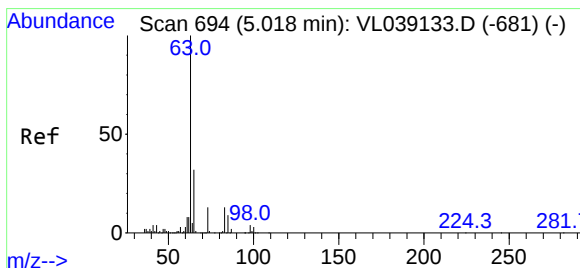
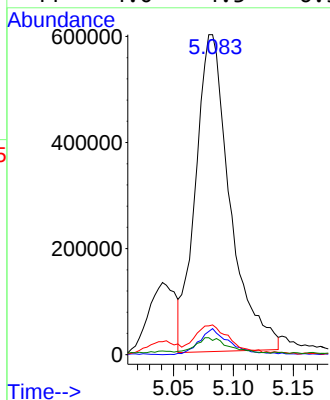
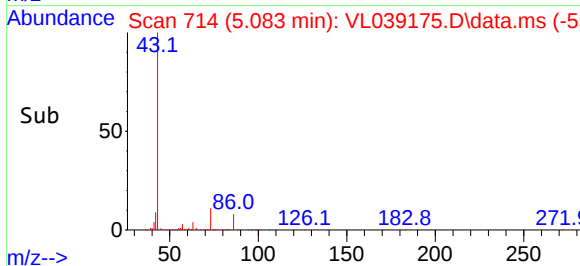


Tgt Ion: 43 Resp: 1193728

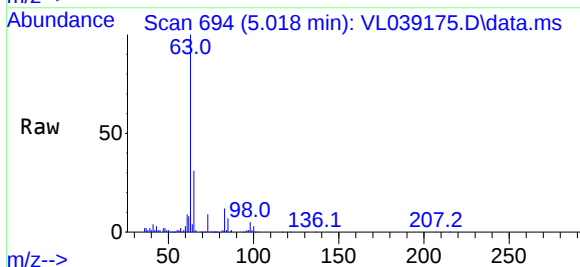
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.0	9.0
42	9.0	8.2	12.4
44	4.0	4.3	6.5

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

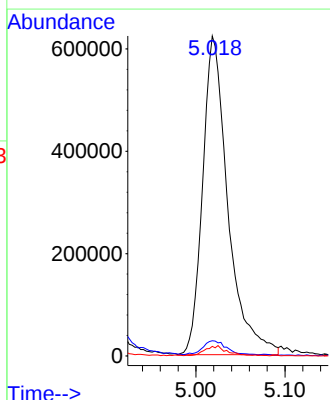
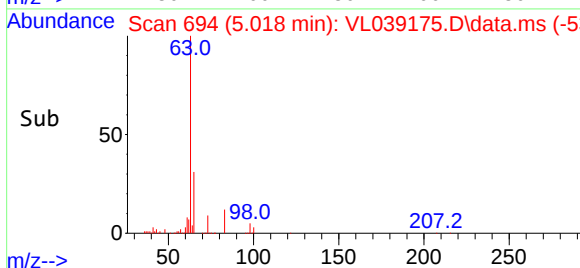


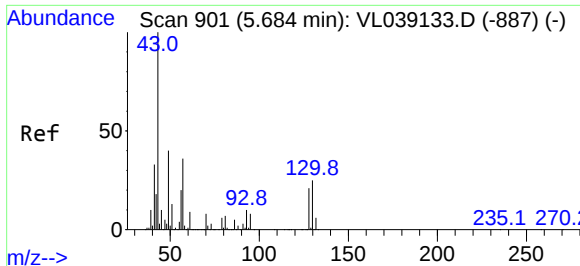
#24
 1,1-Dichloroethane
 Concen: 7.655 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33



Tgt Ion: 63 Resp: 1226306

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.9	1.5	4.5





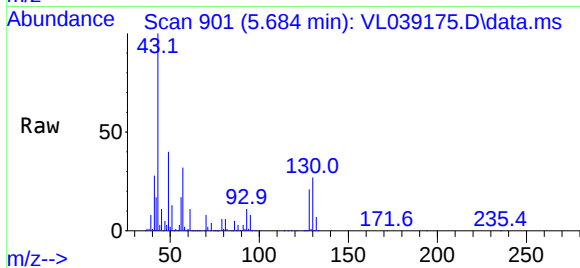
#25
Ethyl Acetate
Concen: 10.589 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



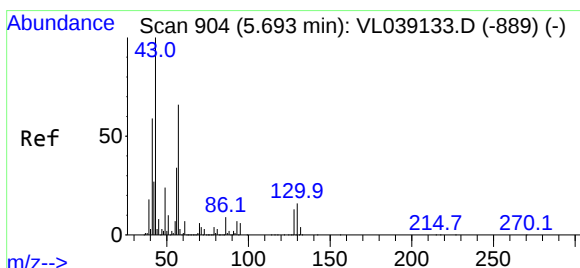
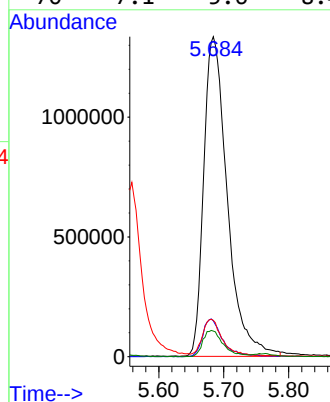
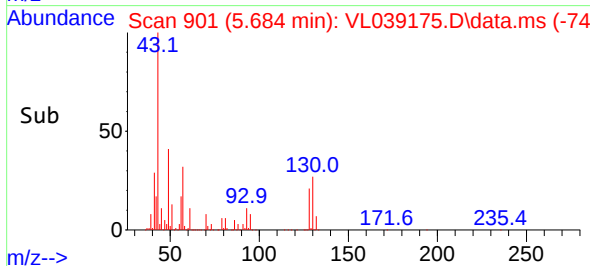
Tgt Ion: 43 Resp: 3372679

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.4	8.4	12.6
70	7.1	5.6	8.4

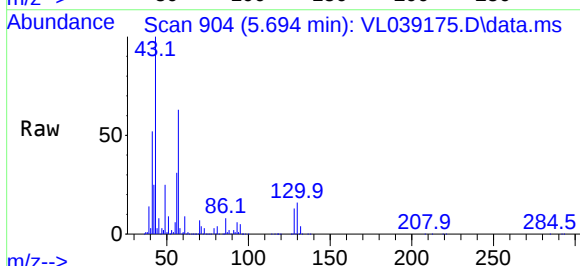
Manual Integrations

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

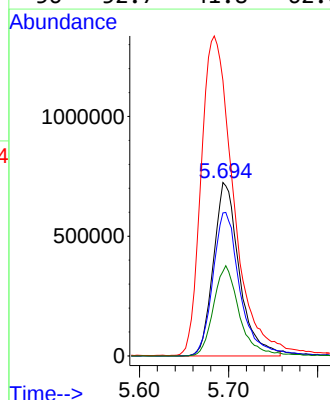
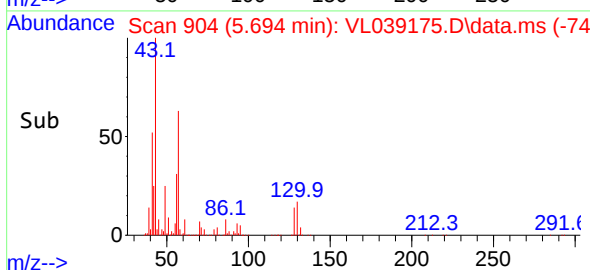


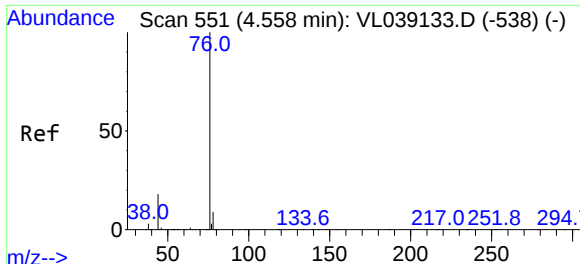
#26
Hexane
Concen: 10.439 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 57 Resp: 1461143

Ion	Ratio	Lower	Upper
57	100		
41	87.9	72.4	108.6
43	233.9	187.0	280.6
56	52.7	41.8	62.6





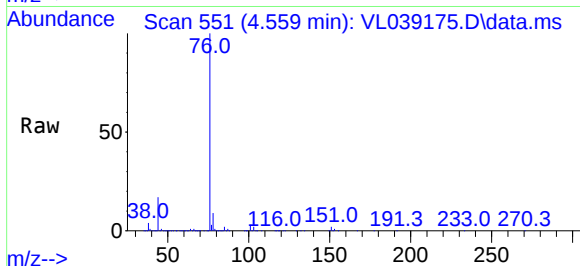
#27
Carbon Disulfide
Concen: 9.714 ppbv
RT: 4.559 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



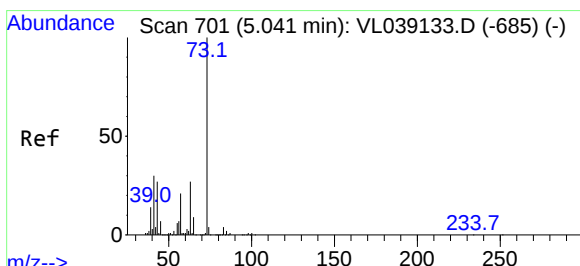
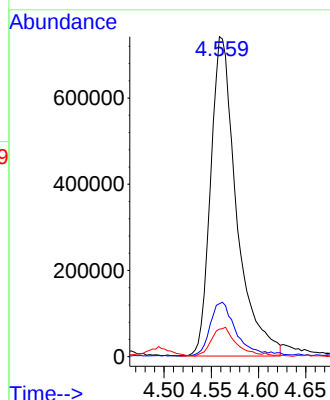
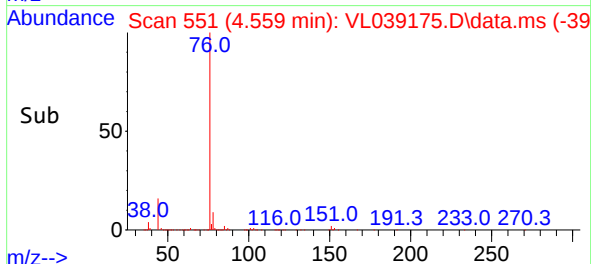
Tgt Ion: 76 Resp: 140924

Ion	Ratio	Lower	Upper
76	100		
44	17.2	14.4	21.6
78	9.7	7.7	11.5

Manual Integrations

APPROVED

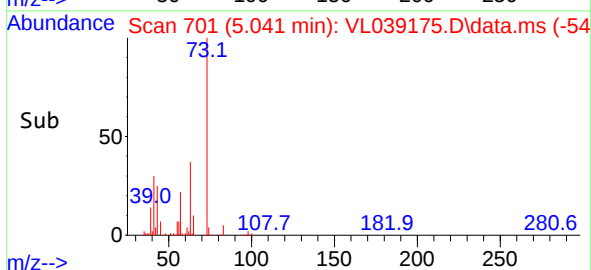
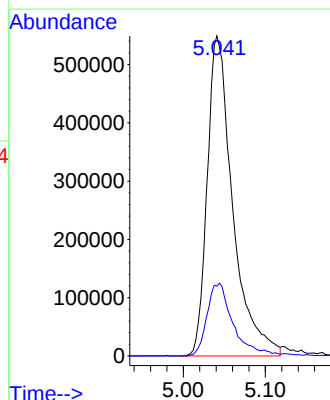
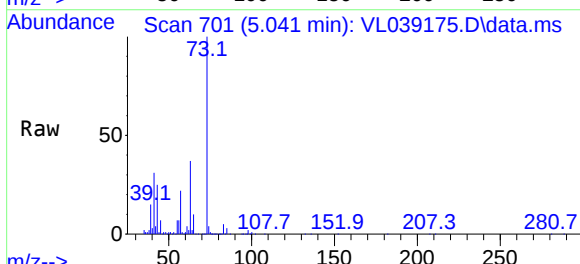
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

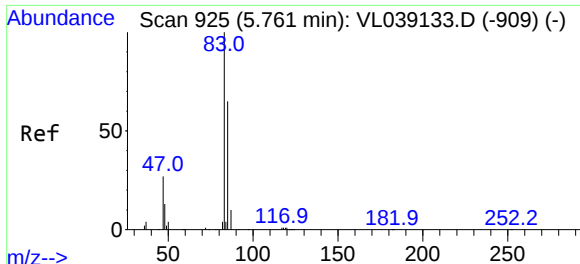


#28
Methyl tert-Butyl Ether
Concen: 7.673 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Tgt Ion: 73 Resp: 1185589

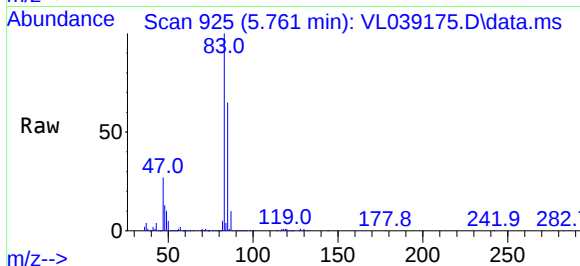
Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.6	27.8





#29
Chloroform
Concen: 9.585 ppbv
RT: 5.761 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

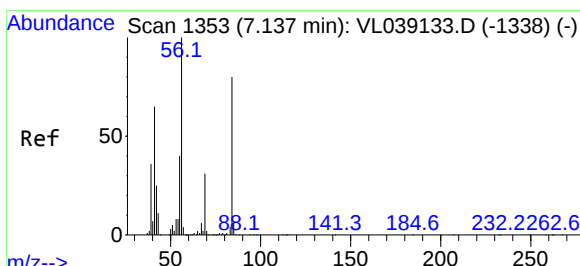
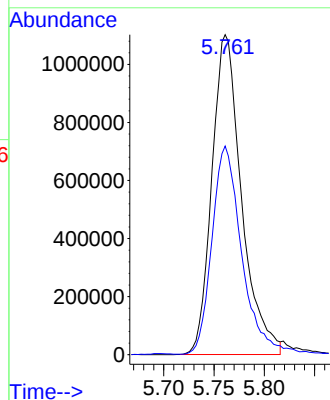
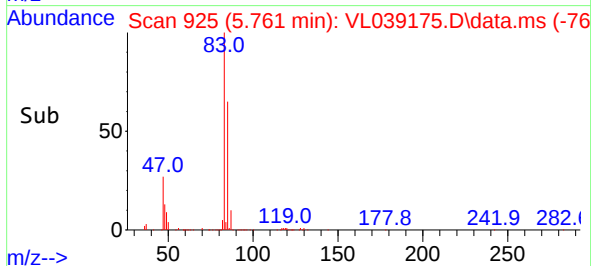
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



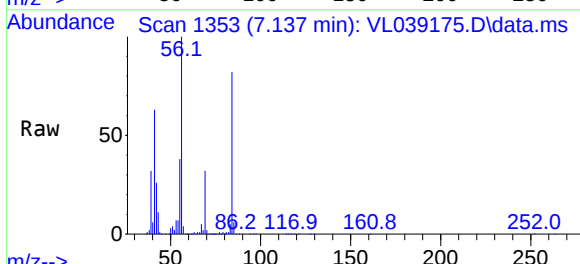
Tgt Ion: 83 Resp: 225759
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6

Manual Integrations
APPROVED

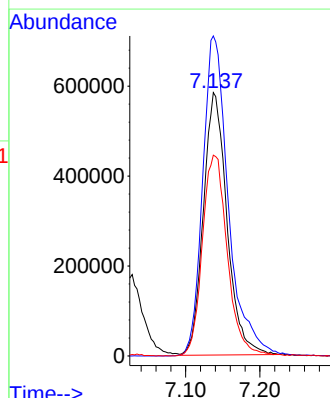
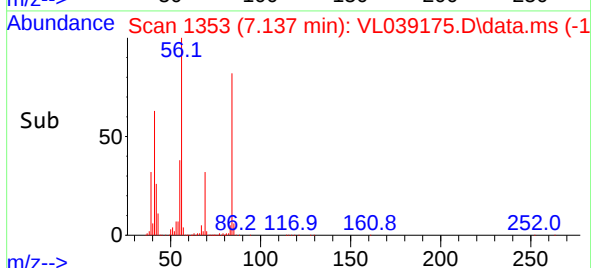
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

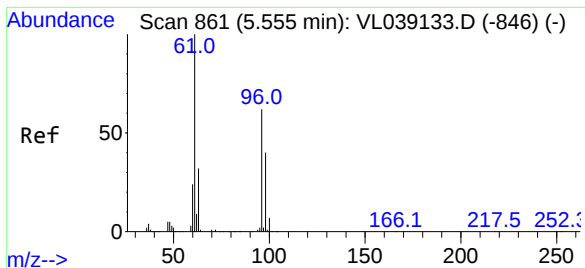


#30
Cyclohexane
Concen: 11.009 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



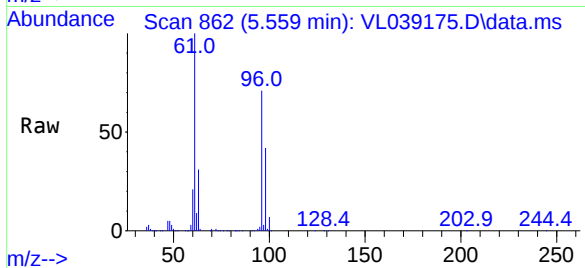
Tgt Ion: 84 Resp: 1294445
Ion Ratio Lower Upper
84 100
56 133.0 110.6 165.8
41 81.2 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.356 ppbv
RT: 5.559 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

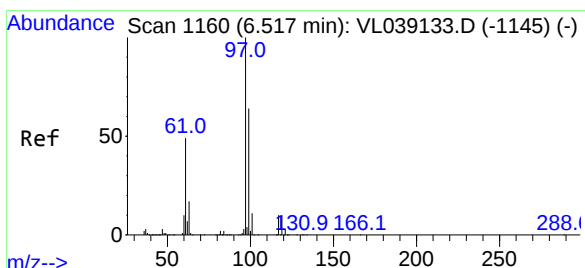
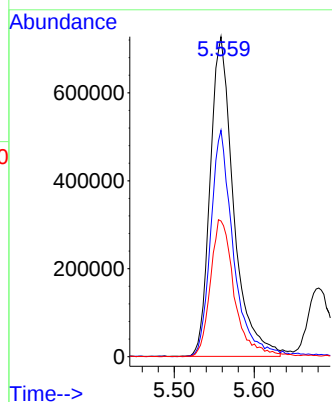
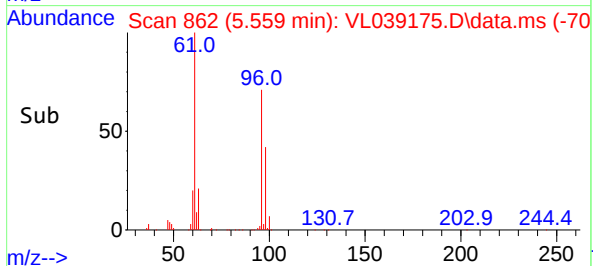
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



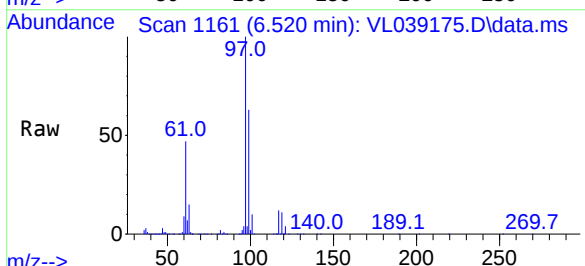
Tgt Ion: 61 Resp: 1478000
Ion Ratio Lower Upper
61 100
96 70.7 49.9 74.9
98 42.4 32.0 48.0

Manual Integrations
APPROVED

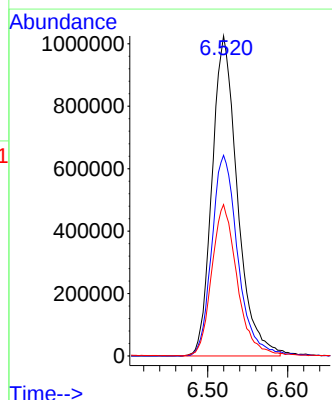
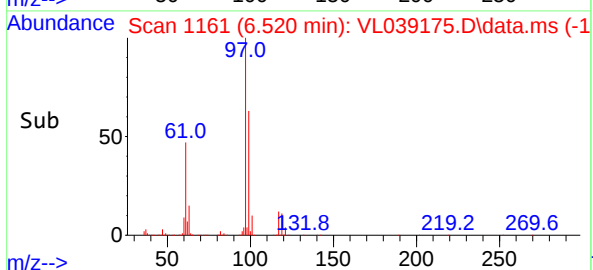
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

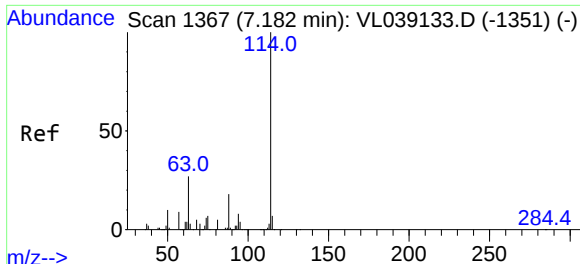


#32
1,1,1-Trichloroethane
Concen: 9.807 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 97 Resp: 2260147
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 47.9 40.0 60.0





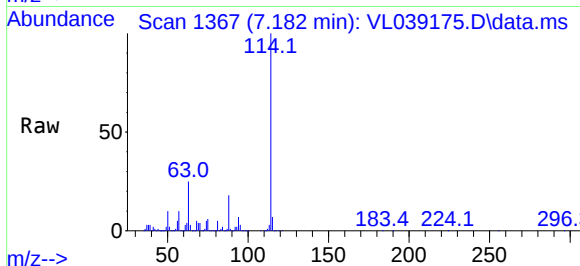
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

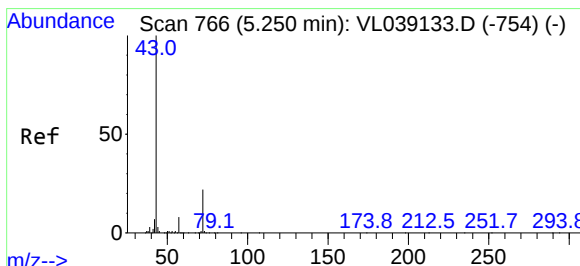
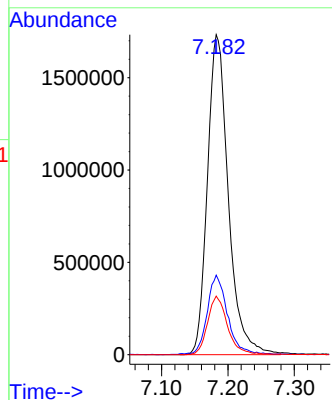
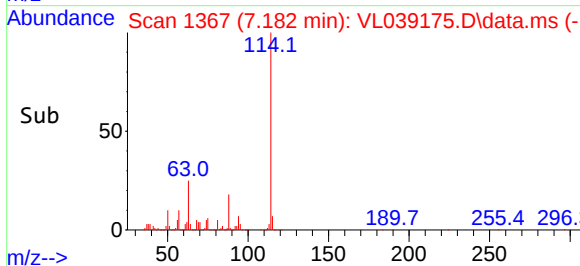


Tgt Ion:114 Resp: 379510
Ion Ratio Lower Upper
114 100
63 24.4 21.7 32.5
88 17.6 14.8 22.2

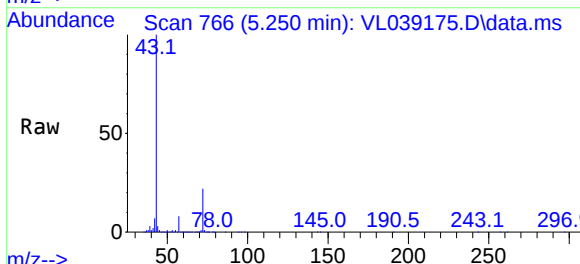
Manual Integrations

APPROVED

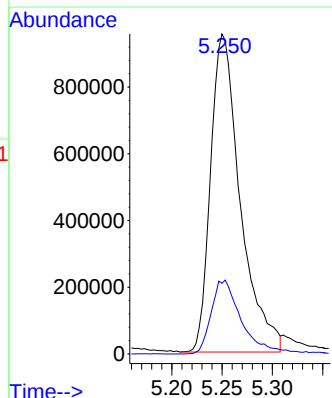
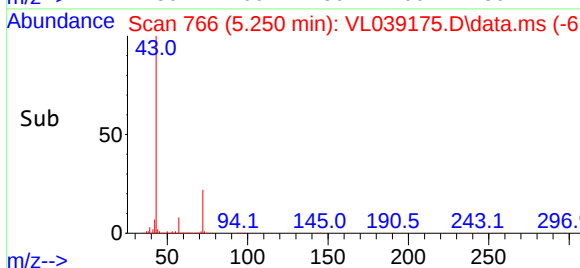
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

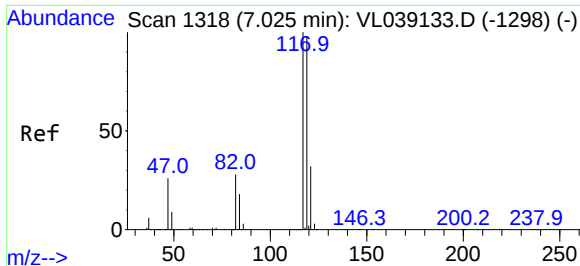


#34
2-Butanone
Concen: 9.483 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 43 Resp: 1955245
Ion Ratio Lower Upper
43 100
72 24.1 18.2 27.2





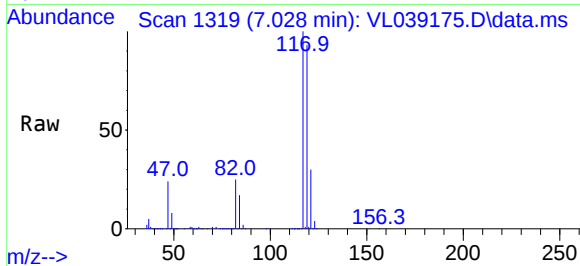
#35
Carbon Tetrachloride
Concen: 8.308 ppbv
RT: 7.028 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

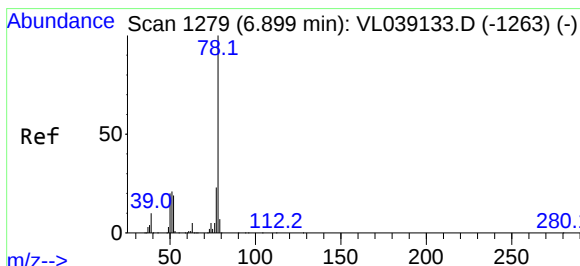
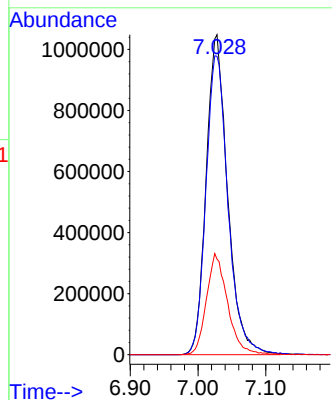
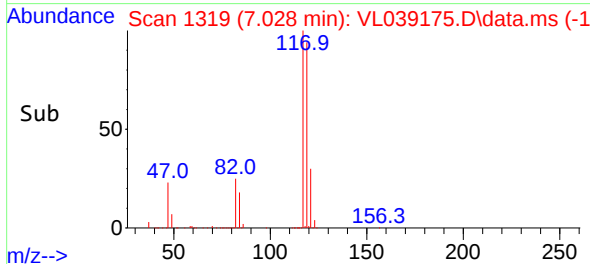


Tgt Ion: 117 Resp: 230117
Ion Ratio Lower Upper
117 100
119 93.2 78.6 118.0
121 29.9 25.4 38.0

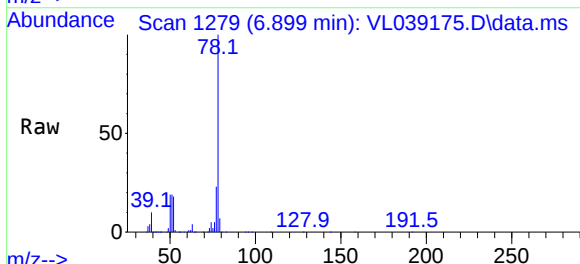
Manual Integrations

APPROVED

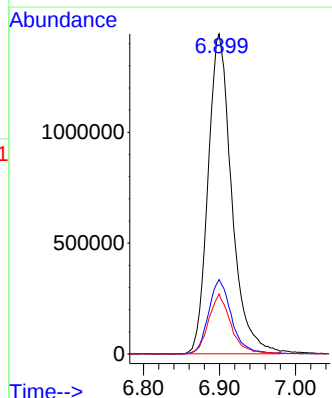
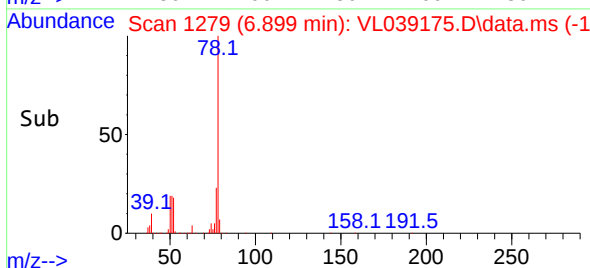
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

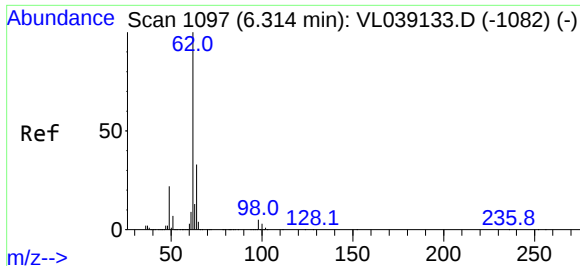


#36
Benzene
Concen: 10.120 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



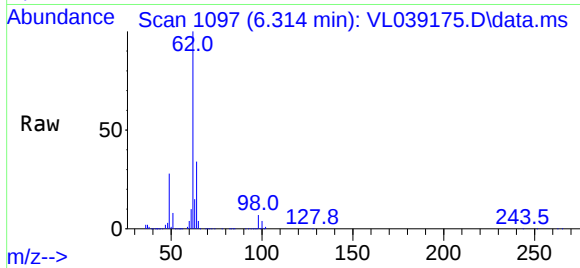
Tgt Ion: 78 Resp: 3117865
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 18.7 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.295 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

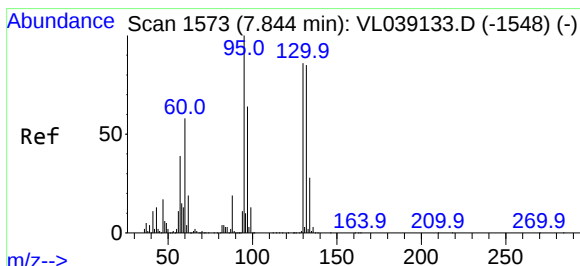
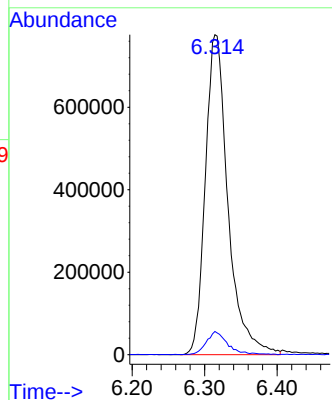
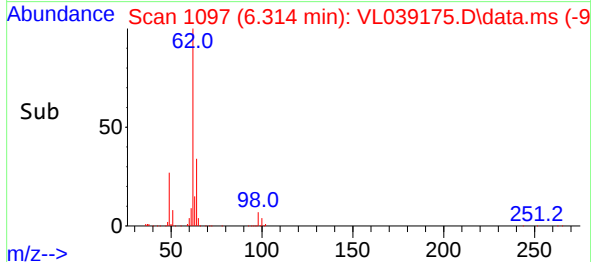
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



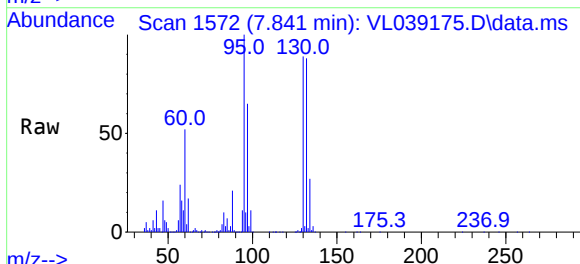
Tgt Ion: 62 Resp: 1681970
Ion Ratio Lower Upper
62 100
98 6.9 4.3 6.5

Manual Integrations
APPROVED

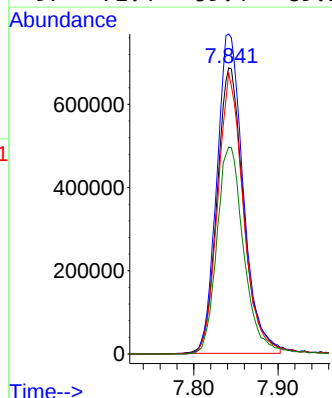
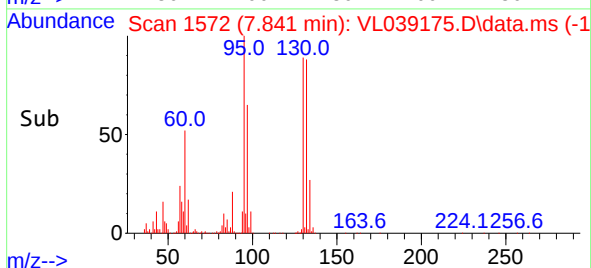
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

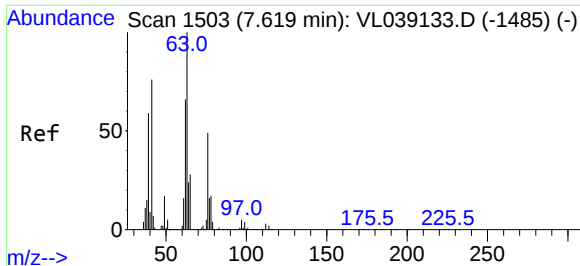


#38
Trichloroethene
Concen: 10.526 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



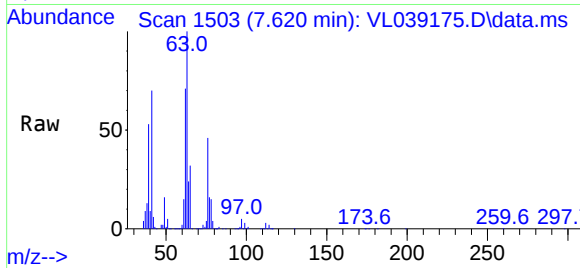
Tgt Ion:130 Resp: 1489615
Ion Ratio Lower Upper
130 100
95 112.0 93.3 139.9
132 98.2 79.0 118.4
97 72.4 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.852 ppbv
RT: 7.620 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

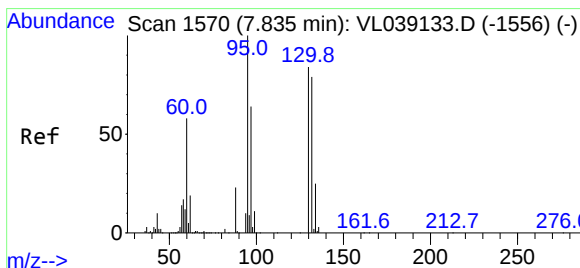
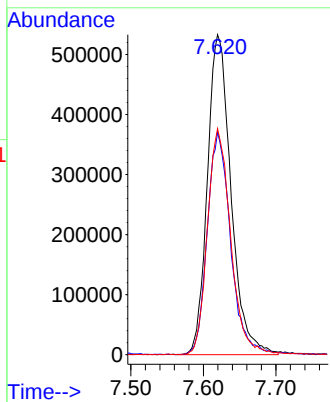
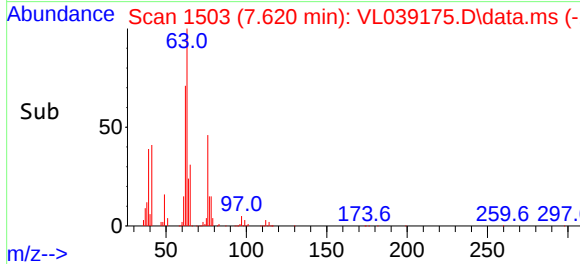


Tgt Ion: 63 Resp: 120733

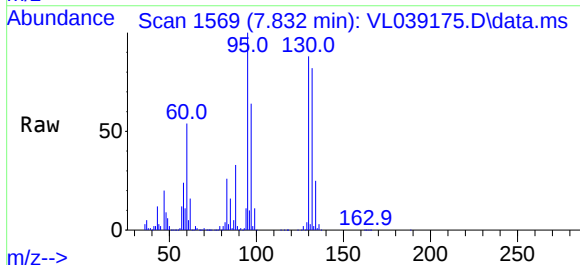
Ion	Ratio	Lower	Upper
63	100		
41	69.5	60.8	91.2
62	70.6	52.9	79.3

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

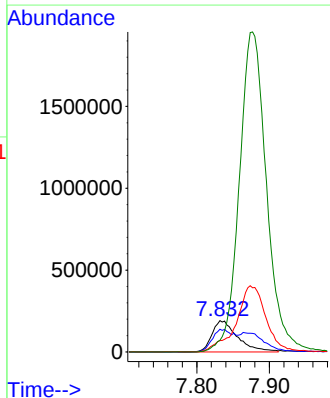
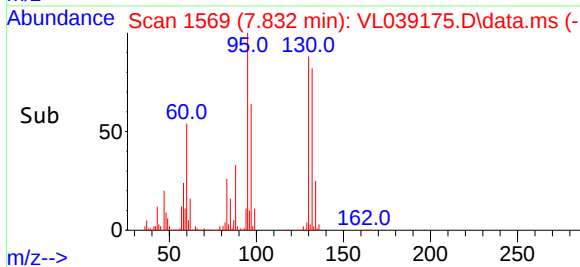


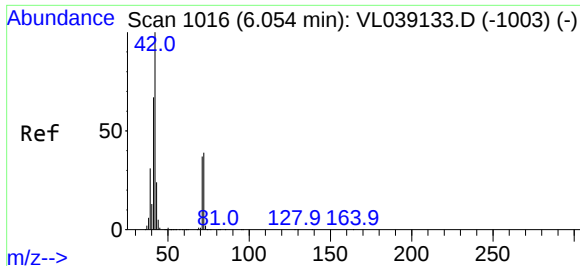
#40
1,4-Dioxane
Concen: 11.595 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 88 Resp: 467790

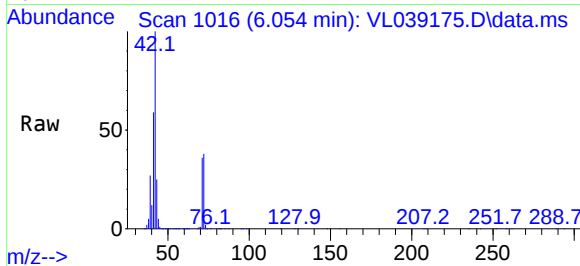
Ion	Ratio	Lower	Upper
88	100		
58	59.8	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#





#41
Tetrahydrofuran
Concen: 10.304 ppbv
RT: 6.054 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

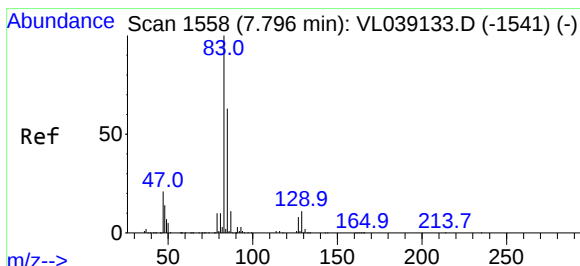
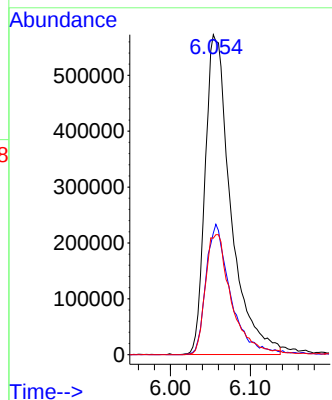
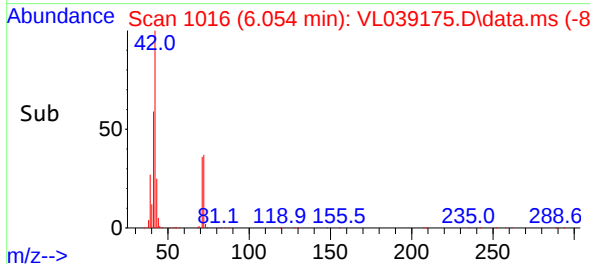


Tgt Ion: 42 Resp: 127779

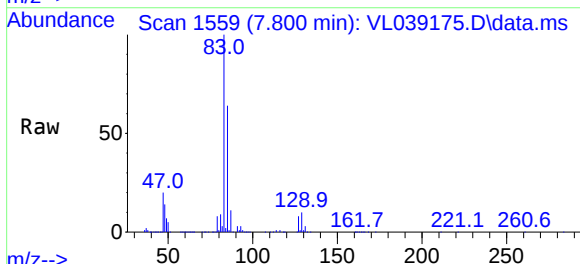
Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	38.8	31.1	46.7

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

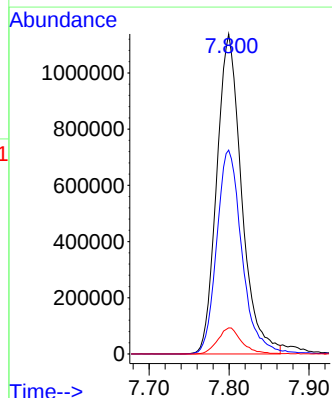
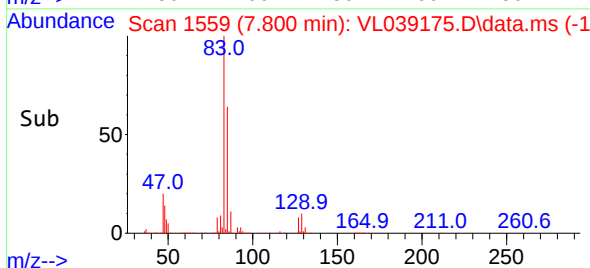


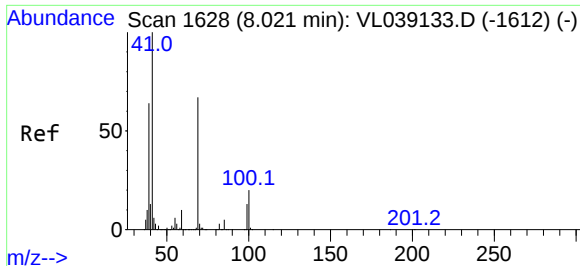
#42
Bromodichloromethane
Concen: 8.723 ppbv
RT: 7.800 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 83 Resp: 2454636

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4
127	8.1	6.6	9.8





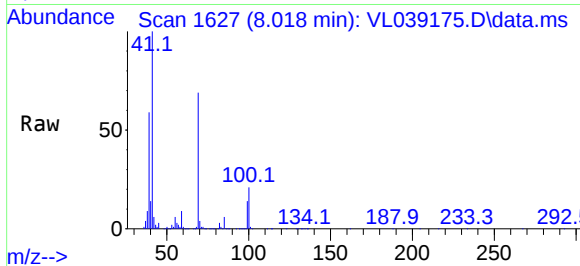
#43
Methyl Methacrylate
Concen: 10.465 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

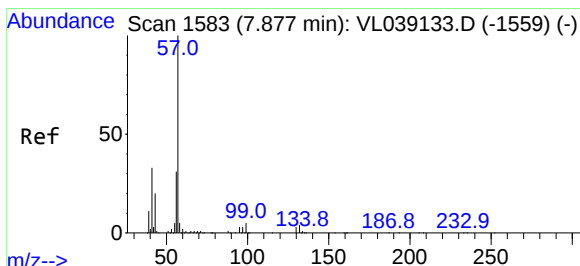
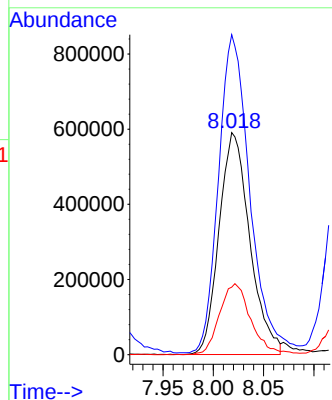
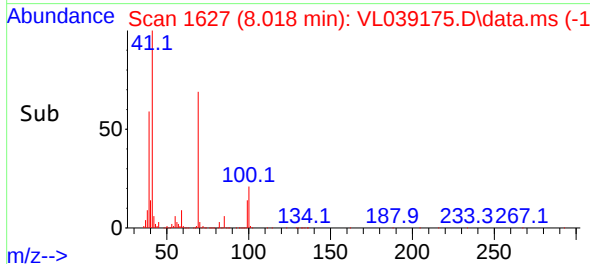


Tgt Ion: 69 Resp: 1255990
Ion Ratio Lower Upper
69 100
41 148.5 121.9 182.9
100 32.7 24.1 36.1

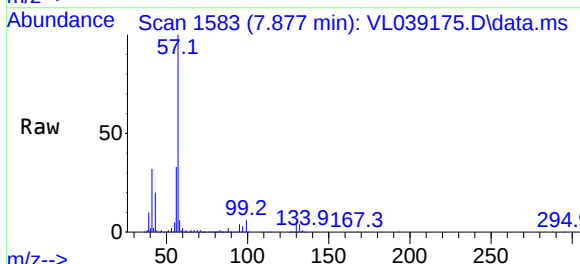
Manual Integrations

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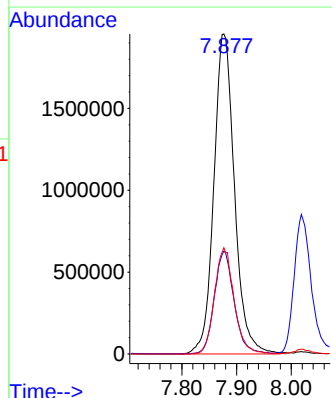
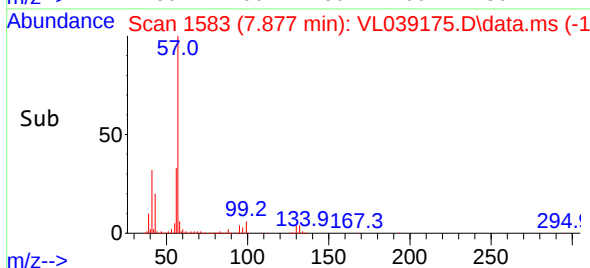
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

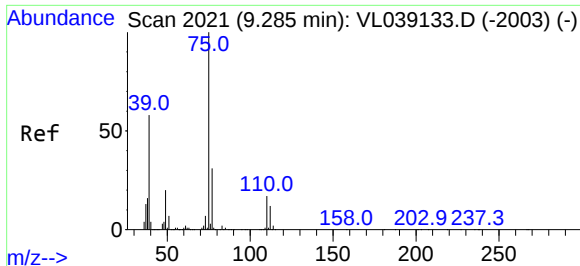


#44
2,2,4-Trimethylpentane
Concen: 9.499 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 57 Resp: 5120032
Ion Ratio Lower Upper
57 100
41 30.7 26.2 39.4
56 31.5 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 10.594 ppbv
RT: 9.282 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

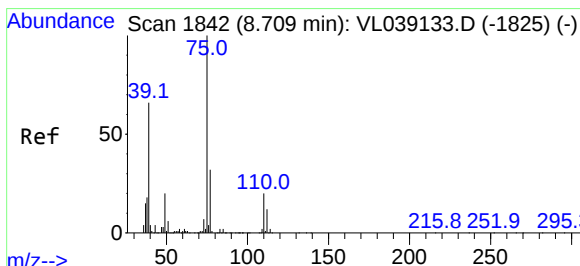
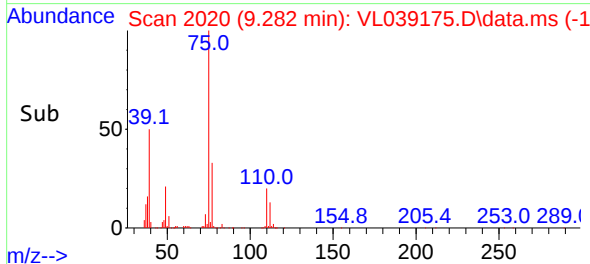
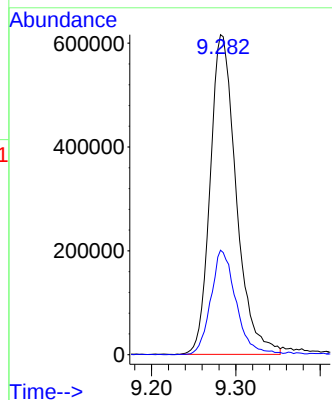
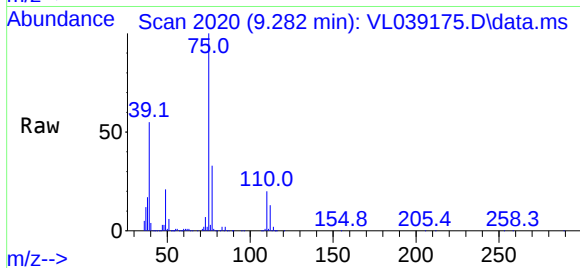
VSTDCCC010EC

Tgt Ion: 75 Resp: 132411
Ion Ratio Lower Upper
75 100
77 32.7 24.4 36.6

Manual Integrations

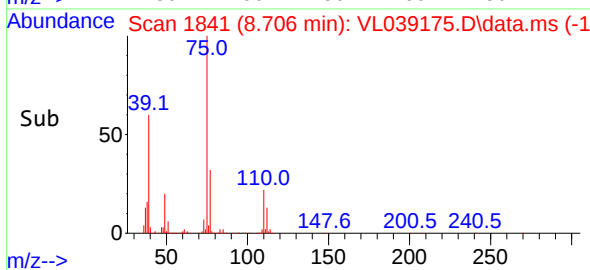
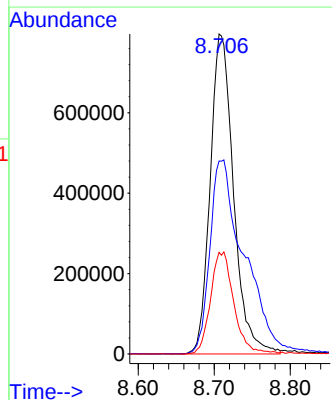
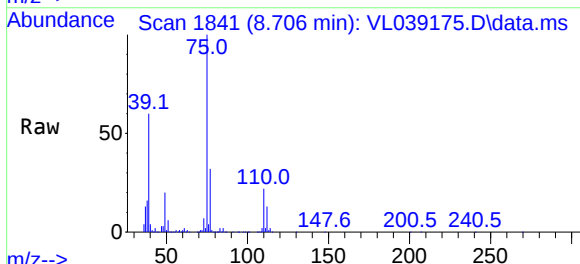
APPROVED

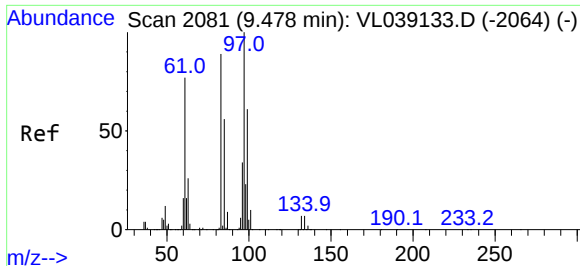
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#46
cis-1,3-Dichloropropene
Concen: 10.284 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

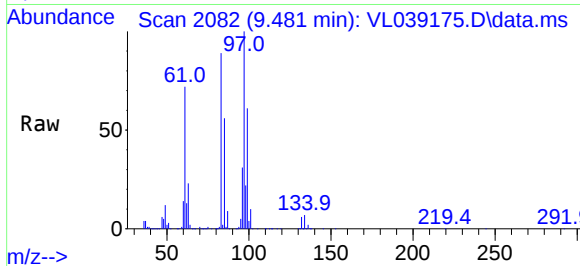
Tgt Ion: 75 Resp: 1697997
Ion Ratio Lower Upper
75 100
39 60.3 52.4 78.6
77 31.7 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.929 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

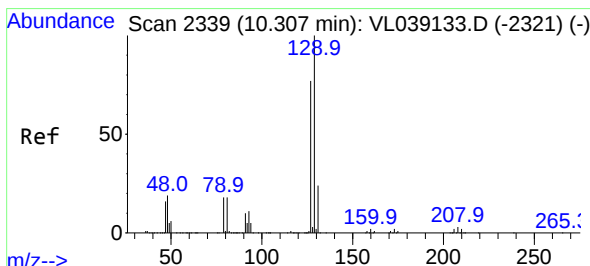
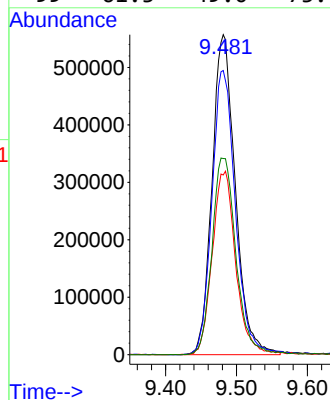
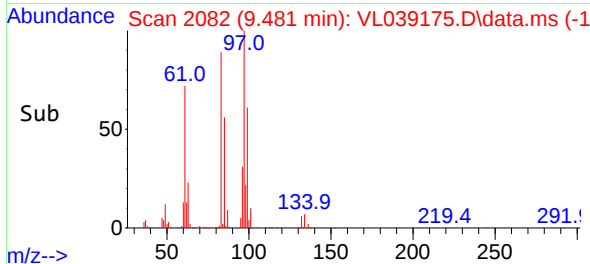


Tgt Ion: 97 Resp: 126947

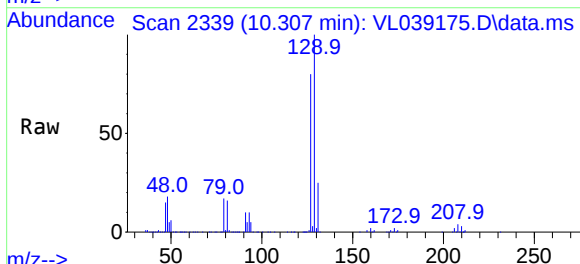
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.6	107.4
85	56.1	44.8	67.2
99	61.3	49.0	73.4

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

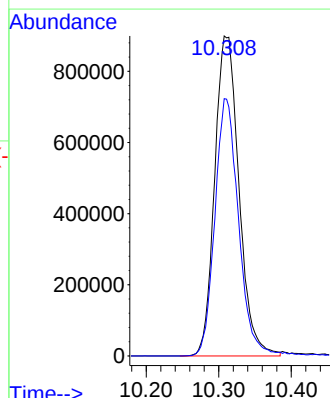
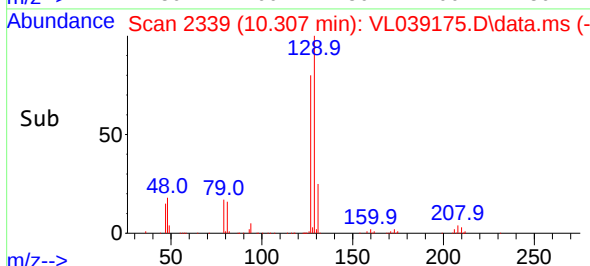


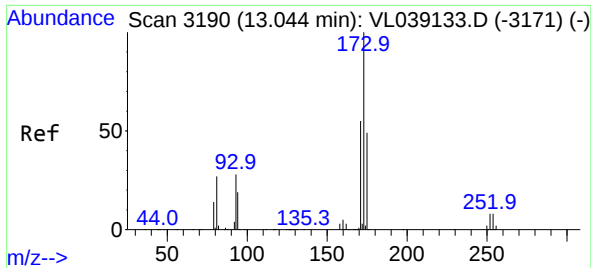
#48
Dibromochloromethane
Concen: 9.167 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion:129 Resp: 2092676

Ion	Ratio	Lower	Upper
129	100		
127	79.1	40.0	119.9





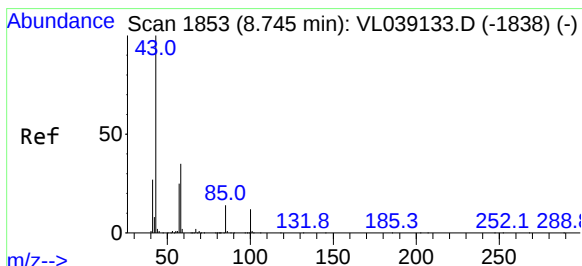
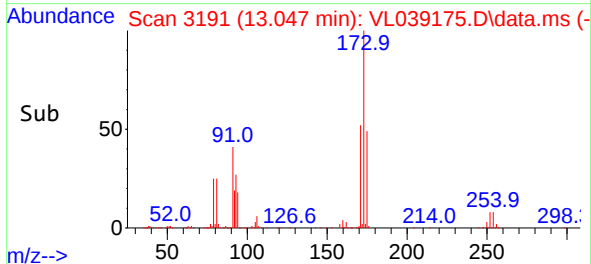
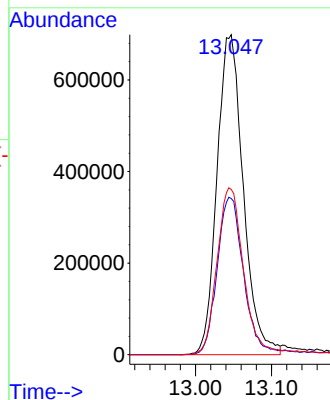
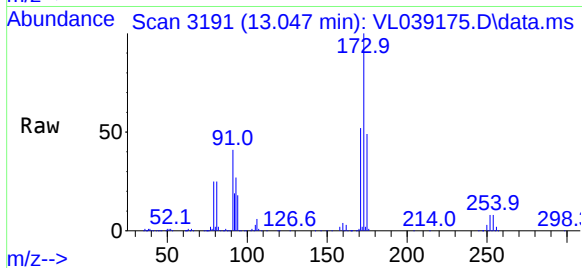
#49
Bromoform
Concen: 8.817 ppbv
RT: 13.047 min Scan# 3190
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 167739
Ion Ratio Lower Upper
173 100
175 51.5 40.2 60.2
171 53.8 43.9 65.9

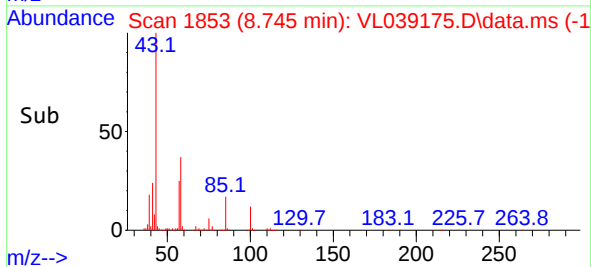
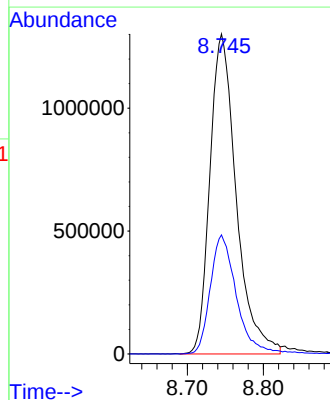
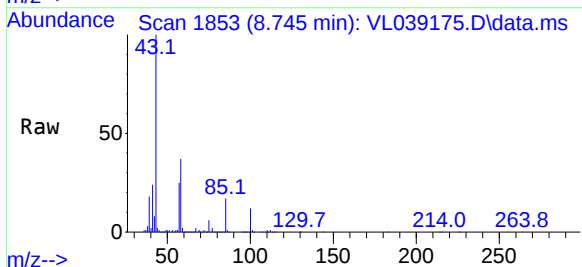
Manual Integrations
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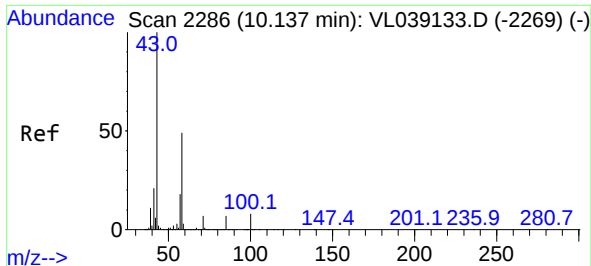
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#50
4-Methyl-2-Pentanone
Concen: 10.132 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

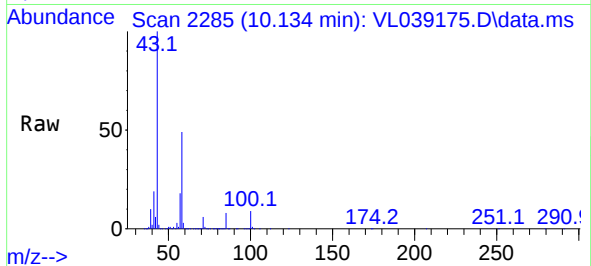
Tgt Ion: 43 Resp: 3126900
Ion Ratio Lower Upper
43 100
58 37.3 28.7 43.1





#51
2-Hexanone
Concen: 10.347 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

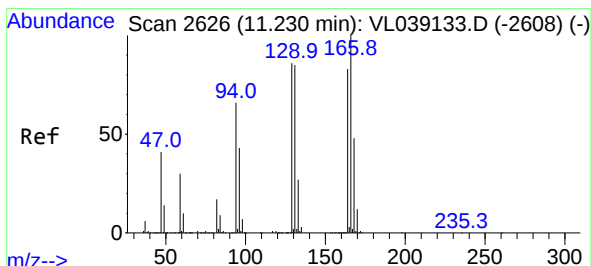
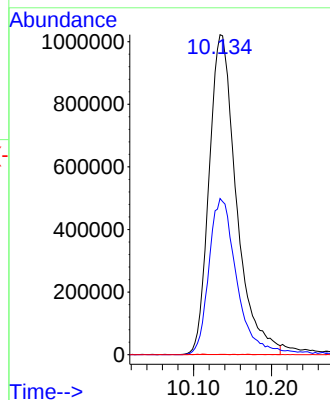
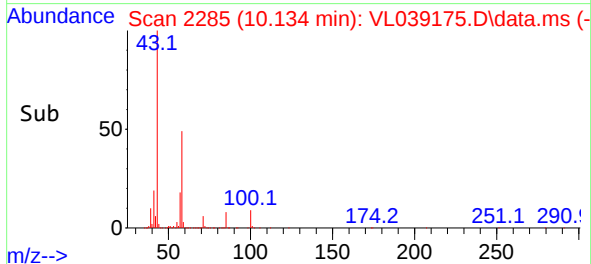
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 248484
Ion Ratio Lower Upper
43 100
58 51.1 40.0 60.0
98 0.1 0.1 0.1

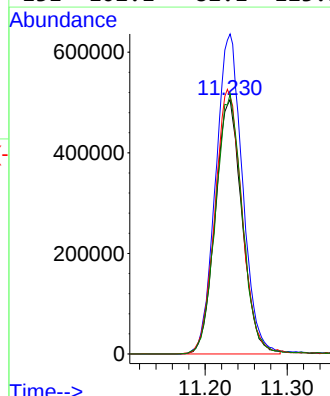
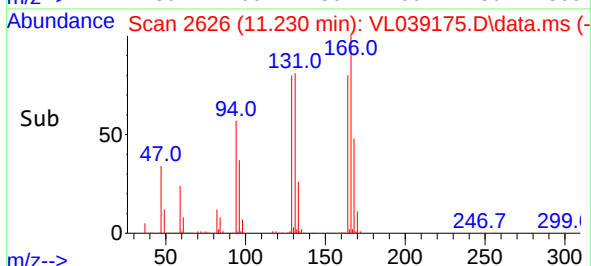
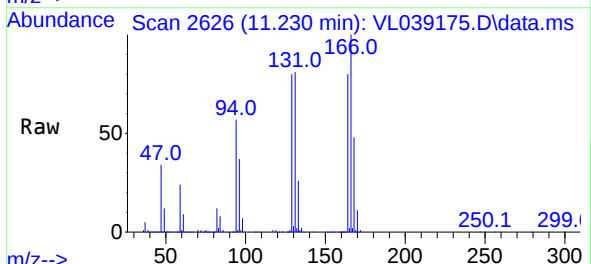
Manual Integrations
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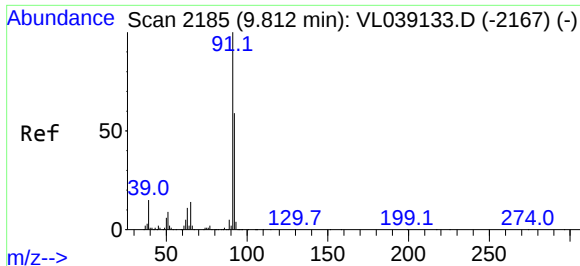
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#52
Tetrachloroethene
Concen: 9.504 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Tgt Ion:164 Resp: 1143360
Ion Ratio Lower Upper
164 100
166 125.7 96.3 144.5
129 101.0 82.5 123.7
131 102.1 82.1 123.1





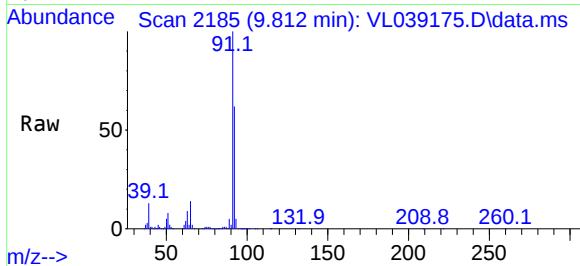
#53
Toluene
Concen: 10.253 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

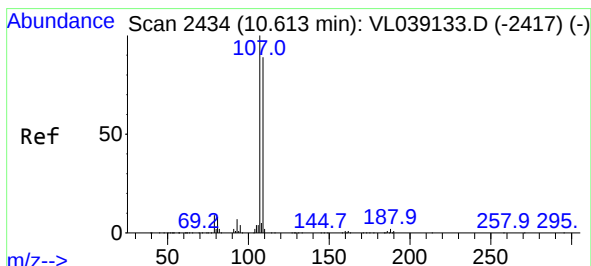
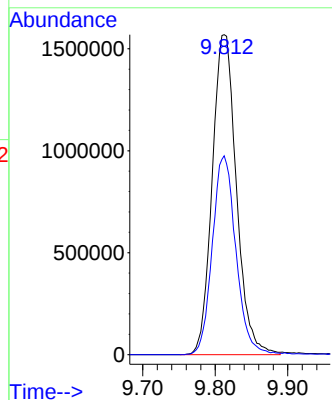
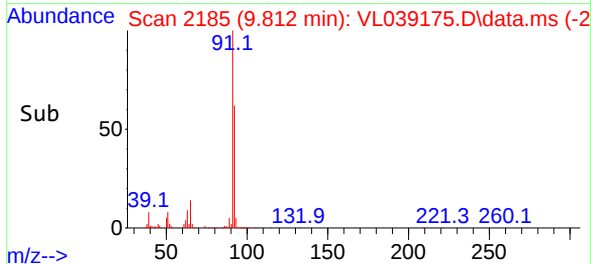


Tgt Ion: 91 Resp: 363754
Ion Ratio Lower Upper
91 100
92 61.1 48.1 72.1

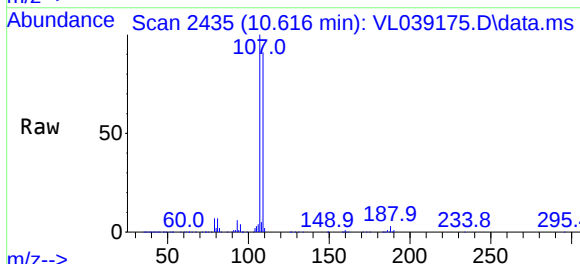
Manual Integrations

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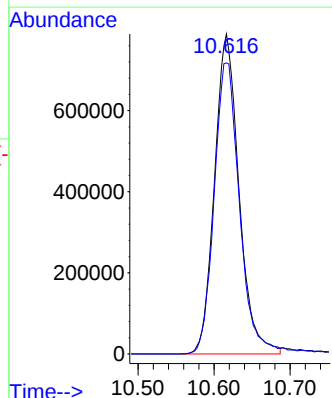
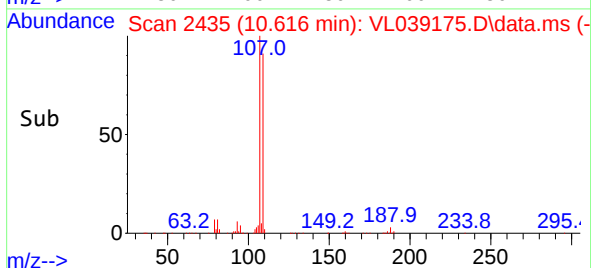
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

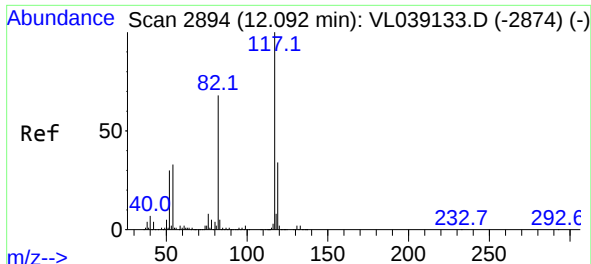


#54
1,2-Dibromoethane
Concen: 10.268 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



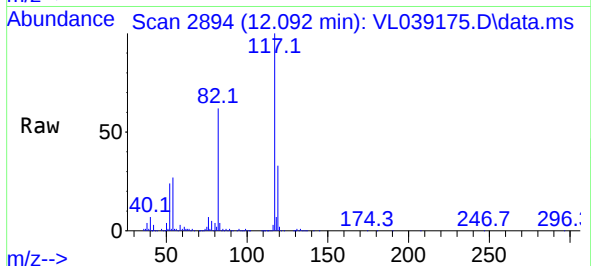
Tgt Ion:107 Resp: 1764134
Ion Ratio Lower Upper
107 100
109 90.9 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.092 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

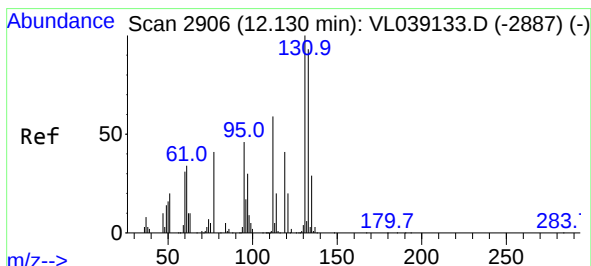
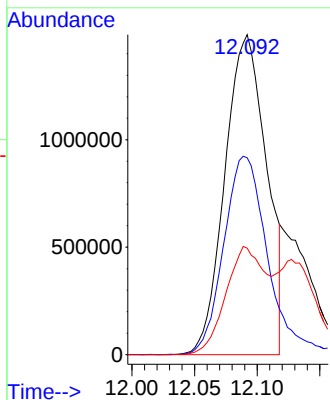
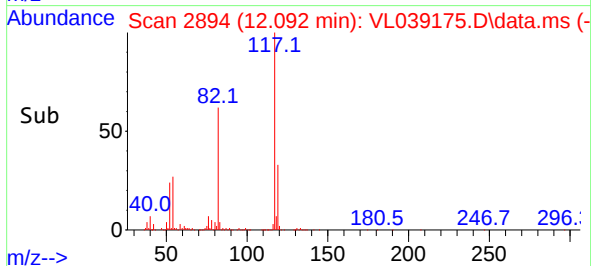
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



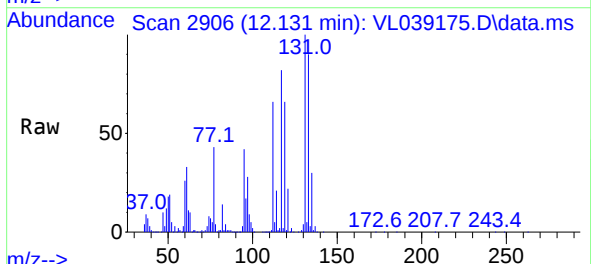
Tgt Ion:117 Resp: 344319
Ion Ratio Lower Upper
117 100
82 66.8 55.1 82.7
119 34.4 24.7 37.1

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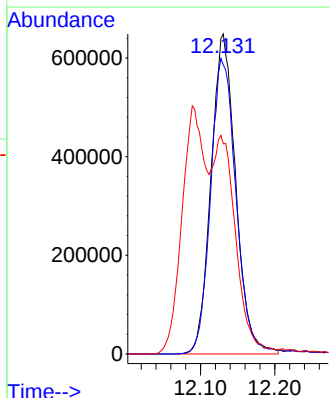
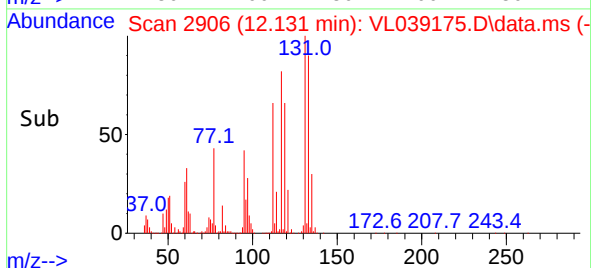
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

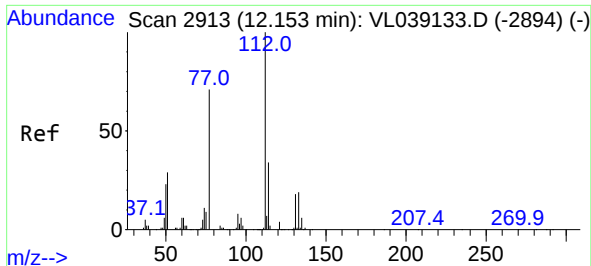


#56
1,1,1,2-Tetrachloroethane
Concen: 9.194 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



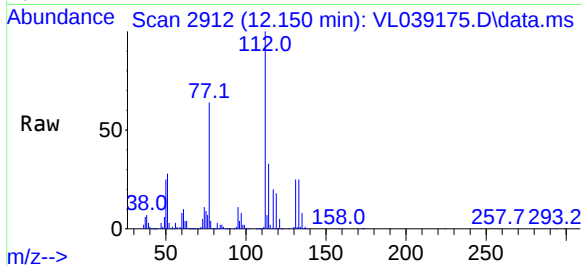
Tgt Ion:131 Resp: 1497956
Ion Ratio Lower Upper
131 100
133 96.5 78.6 117.8
119 65.2 51.7 77.5





#57
Chlorobenzene
Concen: 10.199 ppbv
RT: 12.150 min Scan# 2912
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

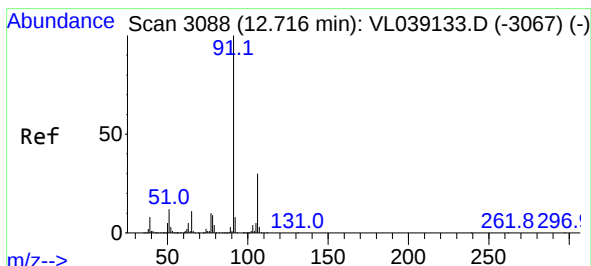
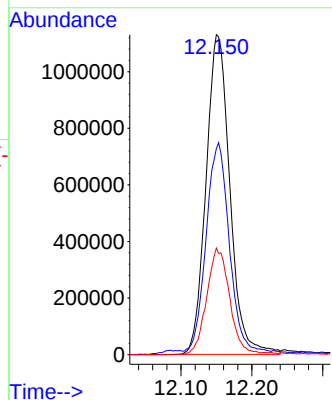
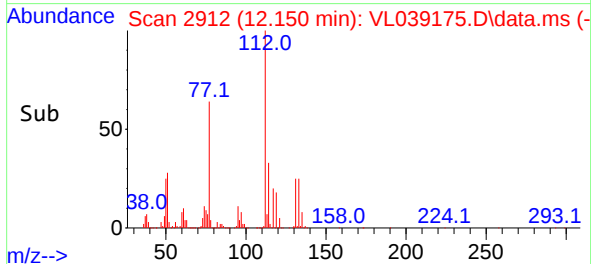
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



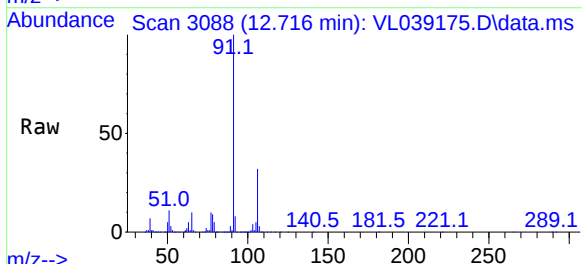
Tgt Ion:112 Resp: 2642360
Ion Ratio Lower Upper
112 100
77 63.5 56.5 84.7
114 33.2 30.3 37.1

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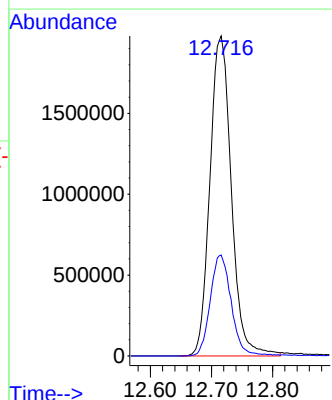
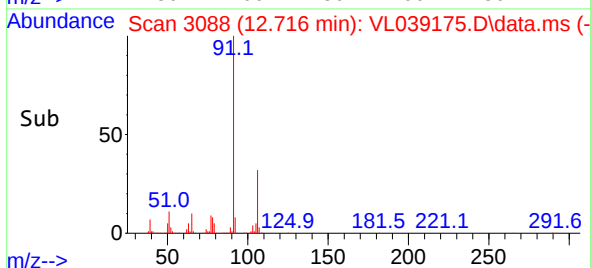
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

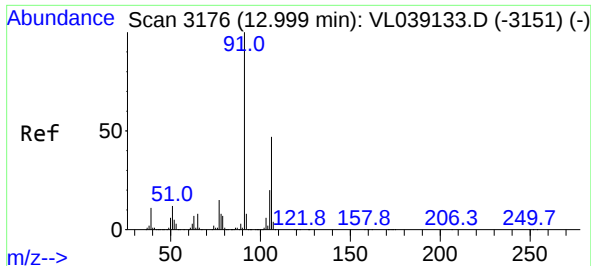


#58
Ethyl Benzene
Concen: 10.158 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 91 Resp: 4817732
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4





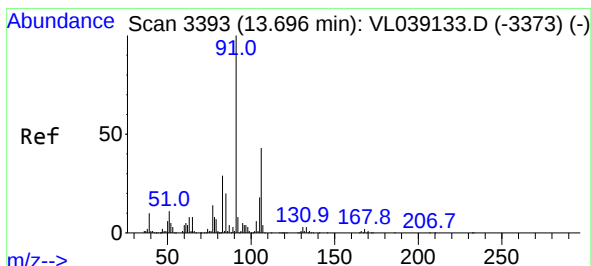
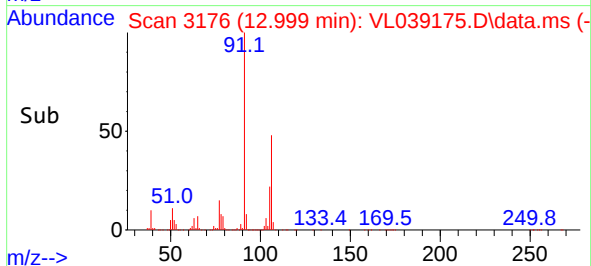
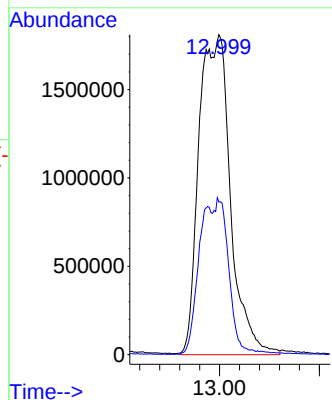
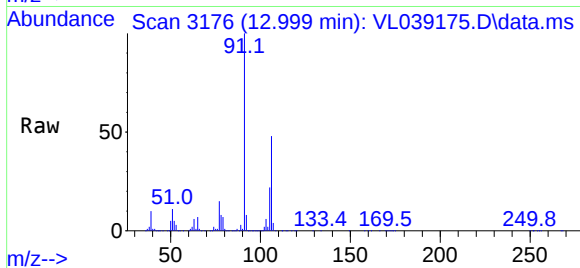
#59
m/p-Xylene
Concen: 19.020 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 7943910
Ion Ratio Lower Upper
91 100
106 45.6 34.3 51.5

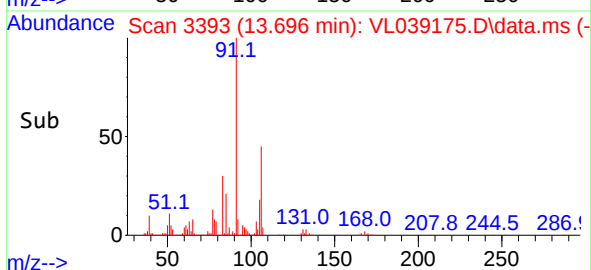
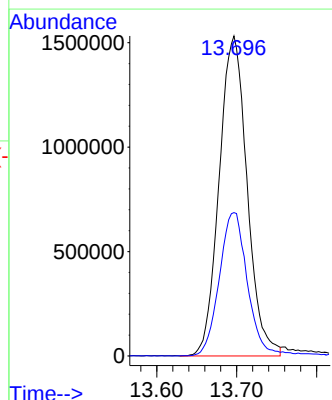
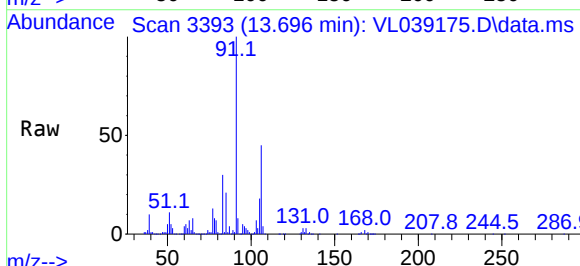
Manual Integrations
APPROVED

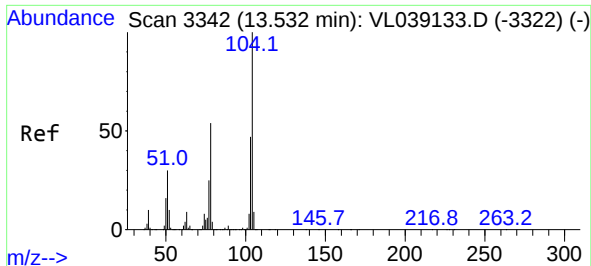
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#60
o-Xylene
Concen: 9.476 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

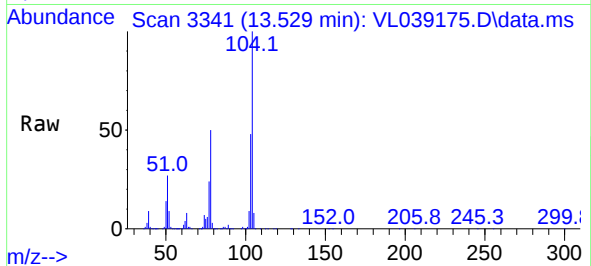
Tgt Ion: 91 Resp: 3719000
Ion Ratio Lower Upper
91 100
106 46.2 22.3 66.9





#61
Styrene
Concen: 10.942 ppbv
RT: 13.529 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

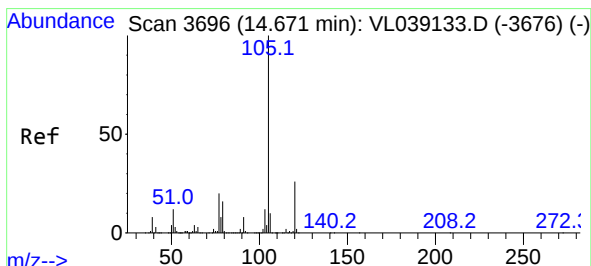
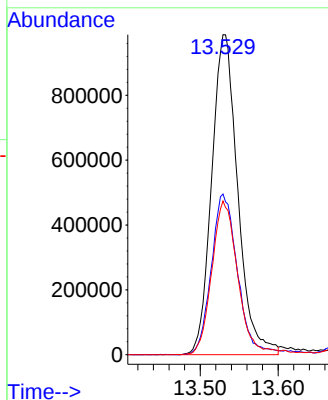
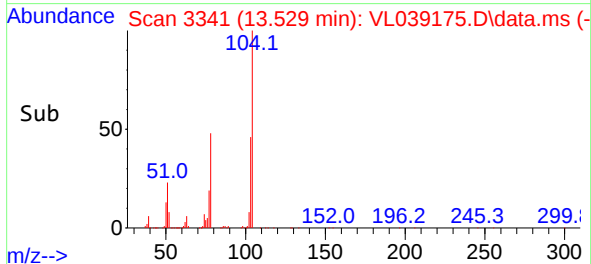
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



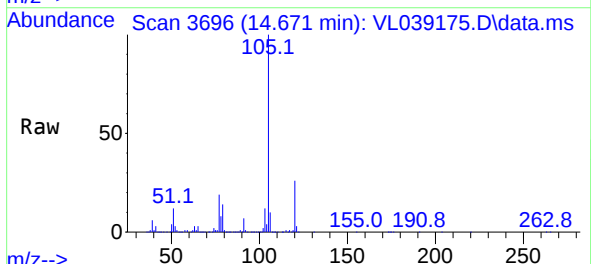
Tgt Ion:104 Resp: 2299462
Ion Ratio Lower Upper
104 100
78 51.3 45.7 68.5
103 48.4 39.6 59.4

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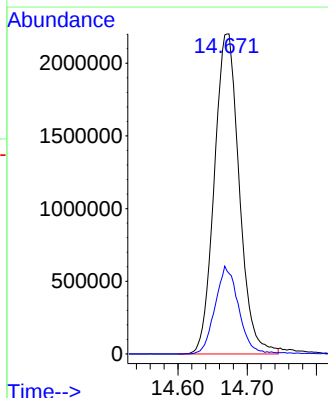
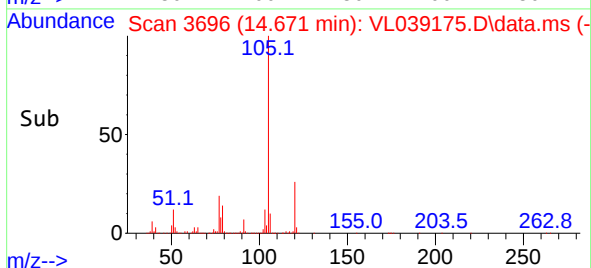
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

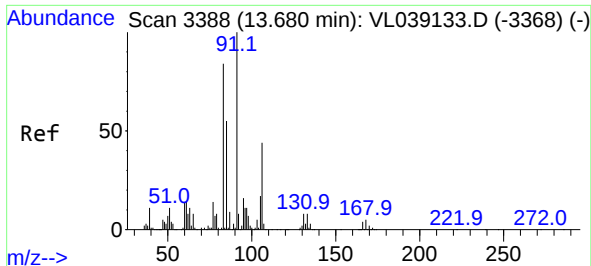


#62
Isopropylbenzene
Concen: 9.449 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



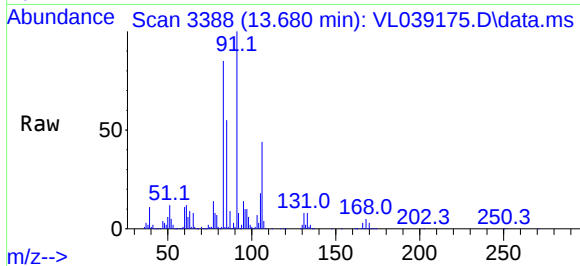
Tgt Ion:105 Resp: 5511834
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.925 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

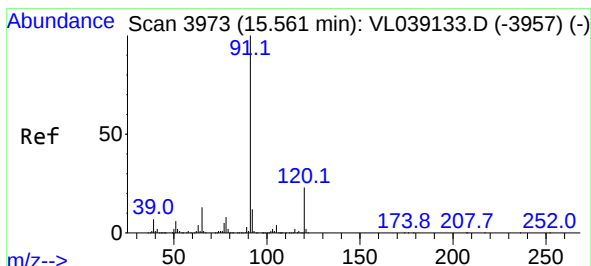
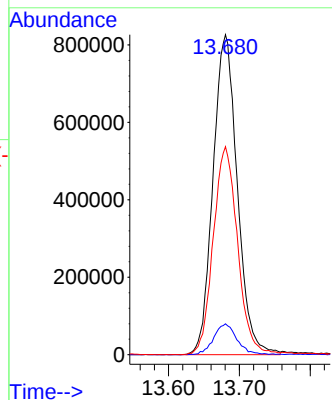
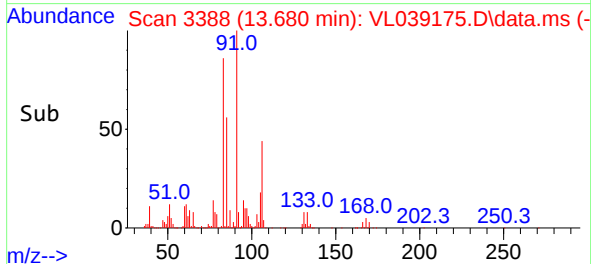
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



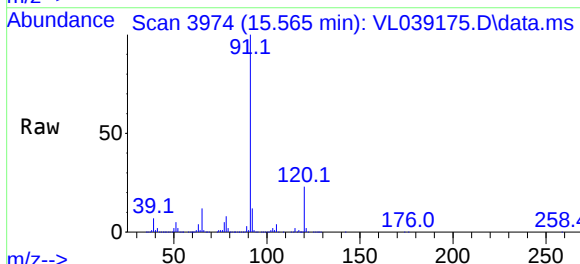
Tgt Ion: 83 Resp: 196617
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 65.9 33.0 99.0

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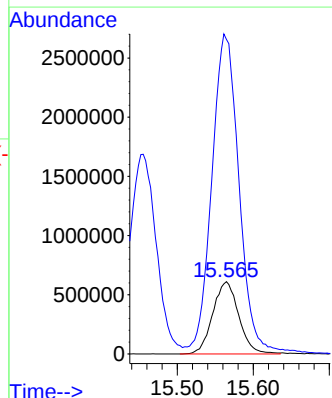
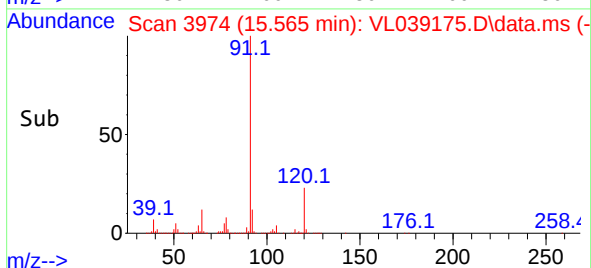
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

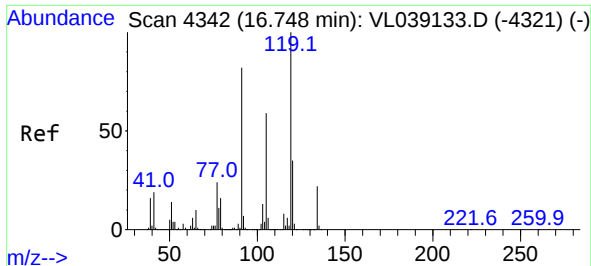


#64
n-propylbenzene
Concen: 10.114 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion:120 Resp: 1450307
Ion Ratio Lower Upper
120 100
91 465.4 388.4 582.6





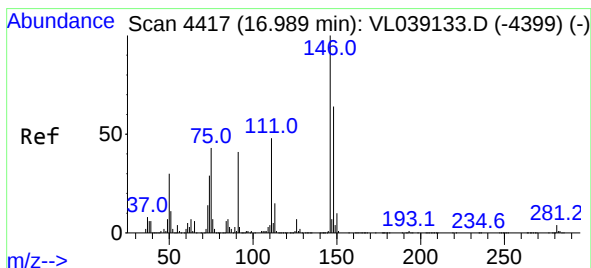
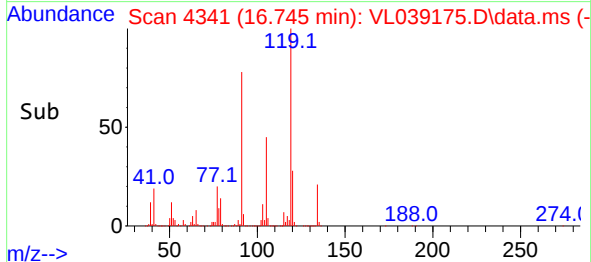
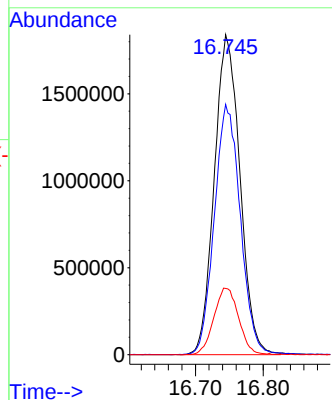
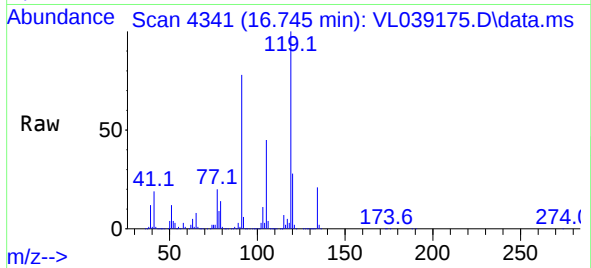
#65
tert-Butylbenzene
Concen: 9.071 ppbv
RT: 16.745 min Scan# 4119
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 483838
Ion Ratio Lower Upper
119 100
91 79.3 67.1 100.7
134 20.2 15.8 23.8

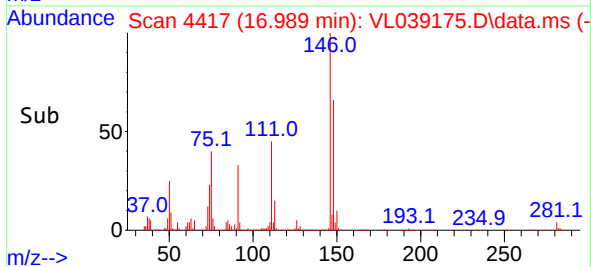
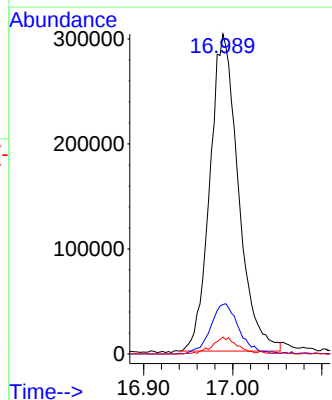
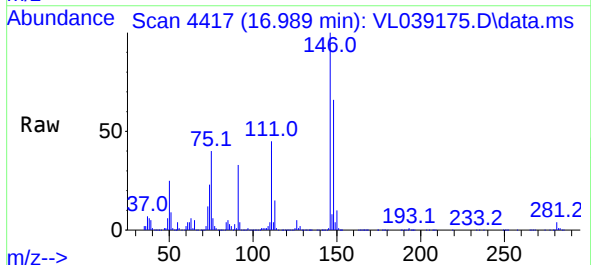
Manual Integrations
APPROVED

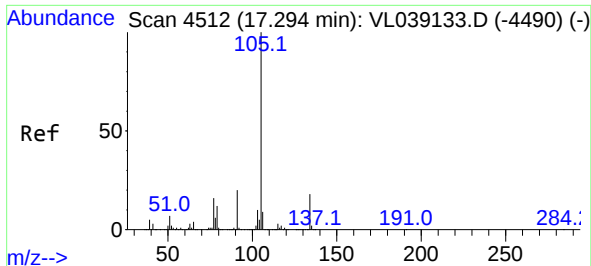
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#66
Benzyl Chloride
Concen: 9.651 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Tgt Ion: 91 Resp: 669377
Ion Ratio Lower Upper
91 100
126 16.3 13.4 20.0
128 5.0 4.1 6.1





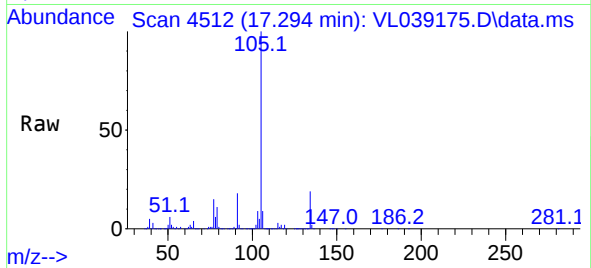
#67
 sec-Butylbenzene
 Concen: 9.362 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

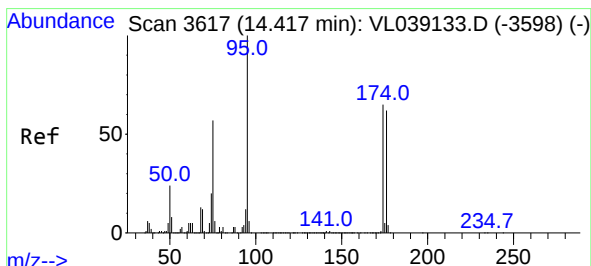
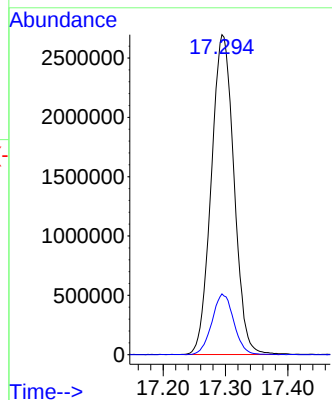
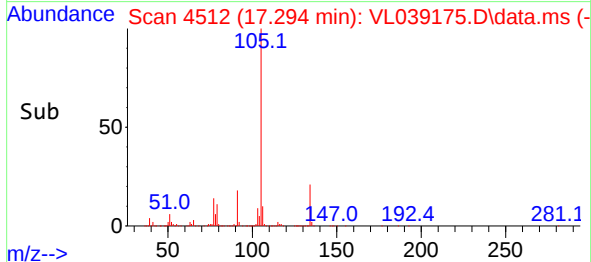


Tgt Ion: 105 Resp: 681374
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6

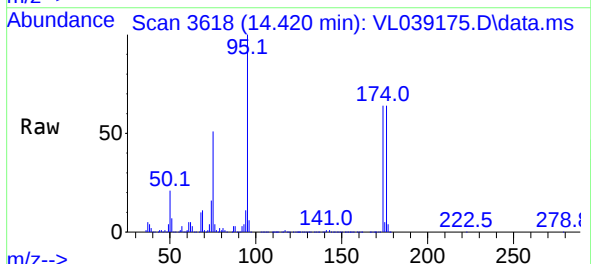
Manual Integrations

APPROVED

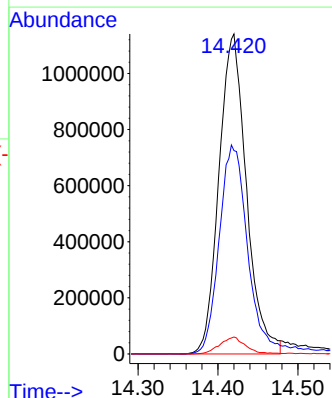
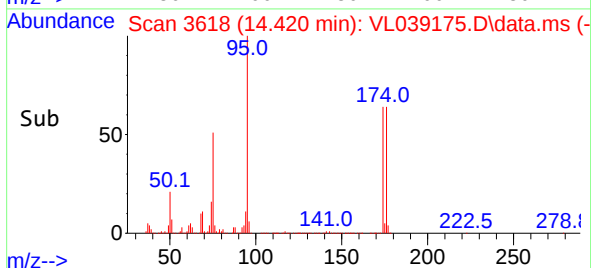
Reviewed By : Semsettin Yesilyurt 06/06/2022
 Supervised By : Mahesh Dadoda 06/06/2022

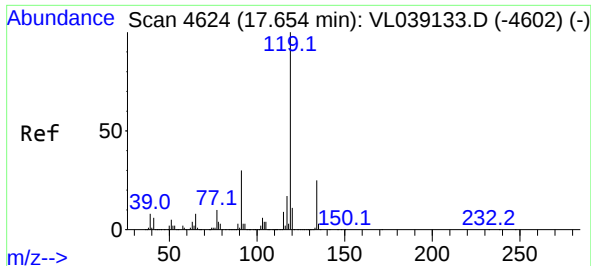


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.551 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33



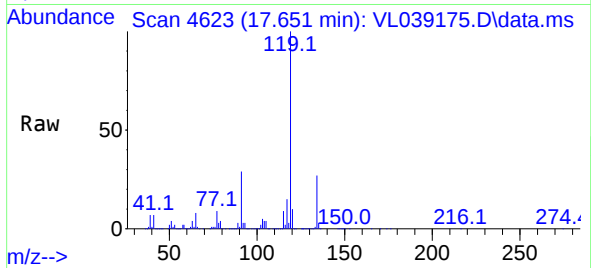
Tgt Ion: 95 Resp: 2718919
 Ion Ratio Lower Upper
 95 100
 174 70.3 53.8 80.8
 175 5.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.312 ppbv
RT: 17.651 min Scan# 4623
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

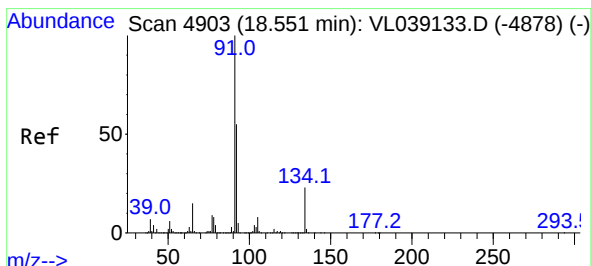
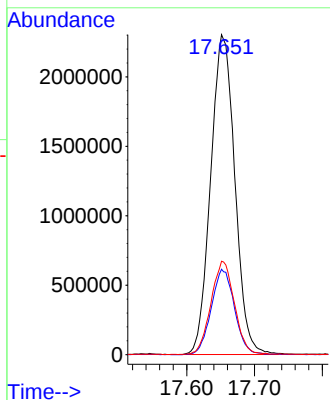
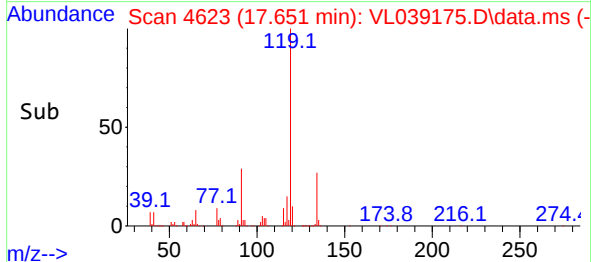
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



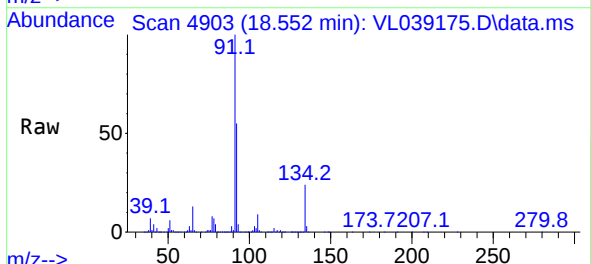
Tgt Ion:119 Resp: 5717598
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 28.3 24.2 36.4

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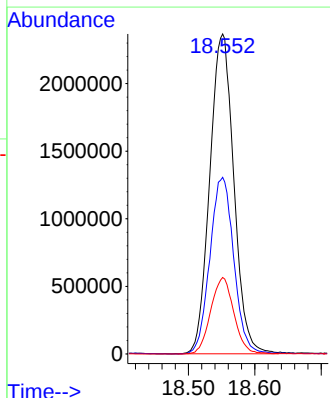
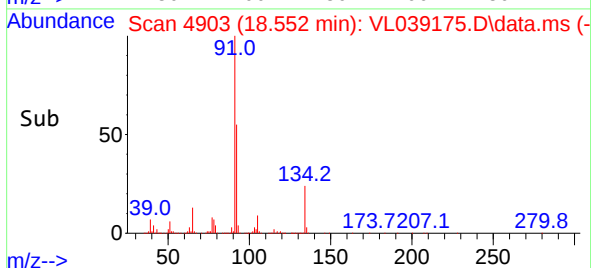
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

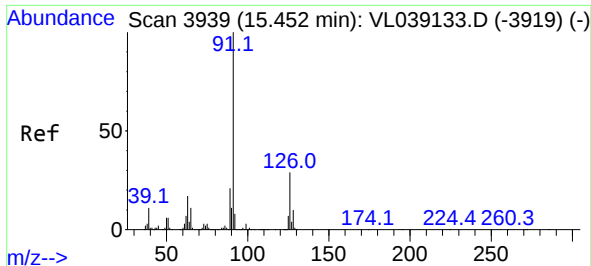


#70
n-Butylbenzene
Concen: 9.465 ppbv
RT: 18.552 min Scan# 4903
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion: 91 Resp: 5965307
Ion Ratio Lower Upper
91 100
92 55.2 43.6 65.4
134 23.2 17.7 26.5





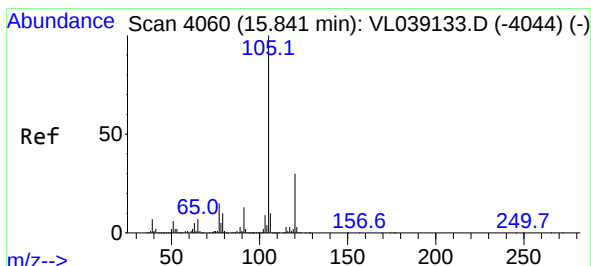
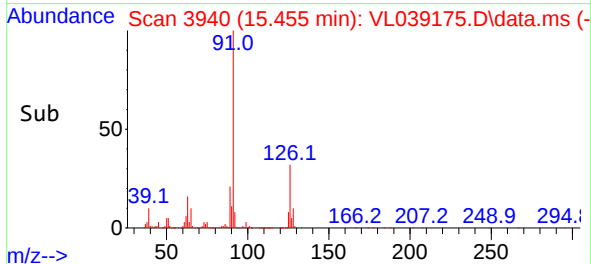
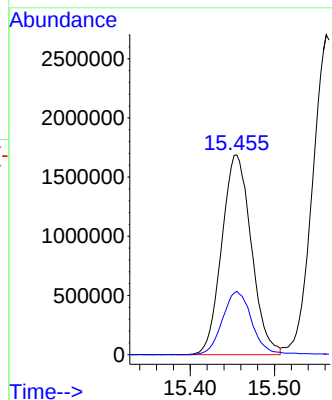
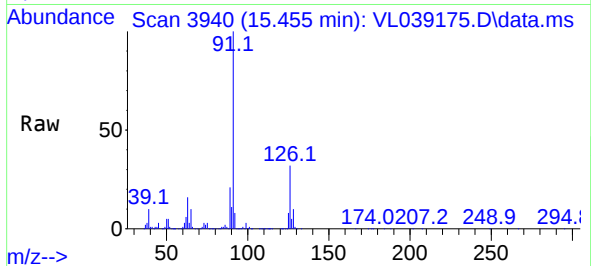
#71
2-Chlorotoluene
Concen: 9.236 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 410839
Ion Ratio Lower Upper
91 100
126 32.1 12.2 48.6

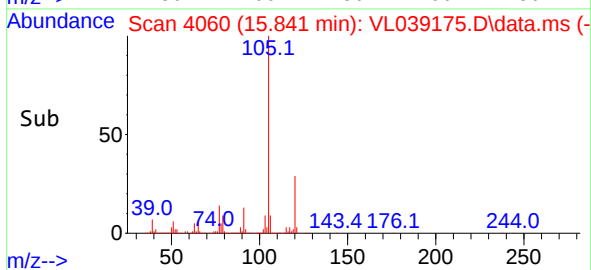
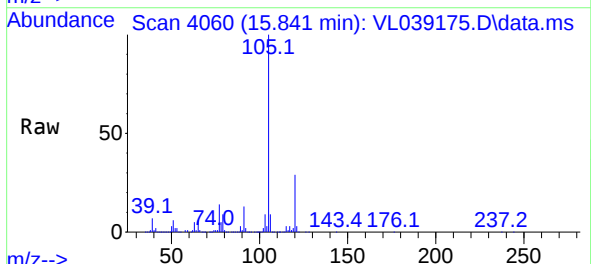
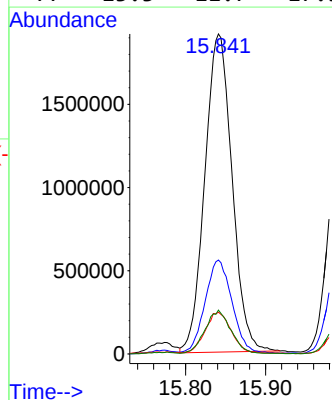
Manual Integrations
APPROVED

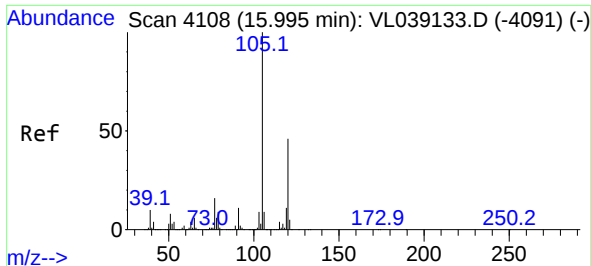
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#72
4-Ethyltoluene
Concen: 9.845 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

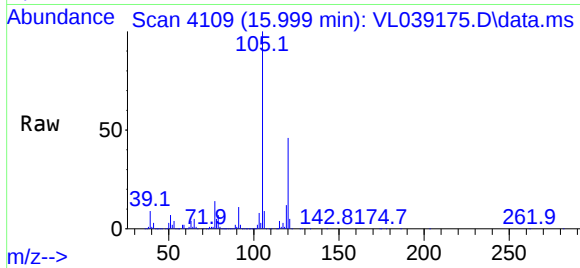
Tgt Ion:105 Resp: 4528485
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 12.7 10.6 16.0
77 13.3 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 9.680 ppbv
RT: 15.999 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

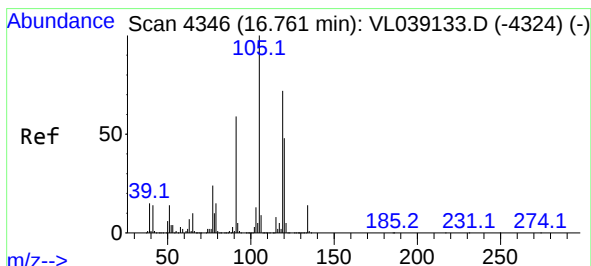
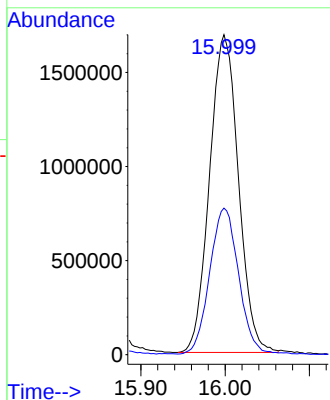
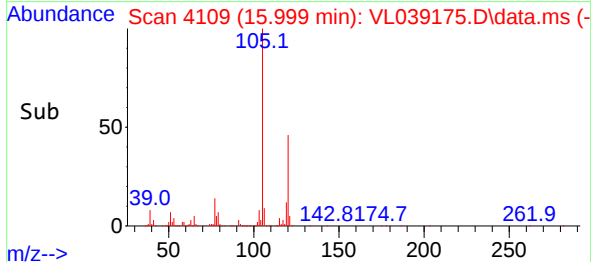
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



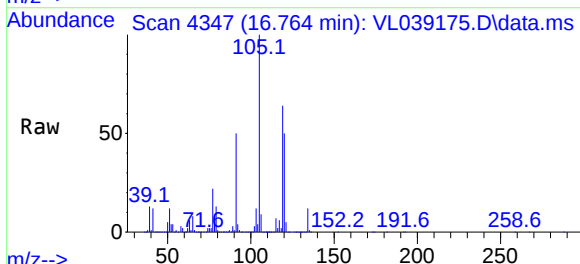
Tgt Ion:105 Resp: 4015689
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

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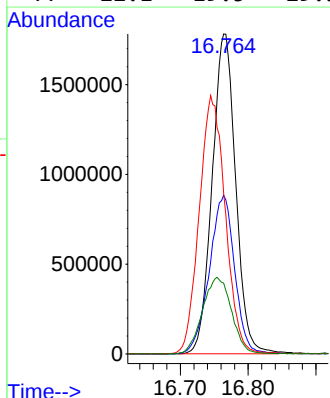
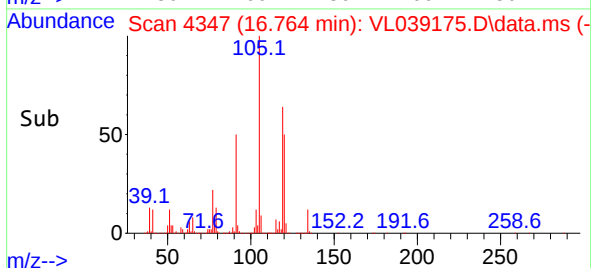
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

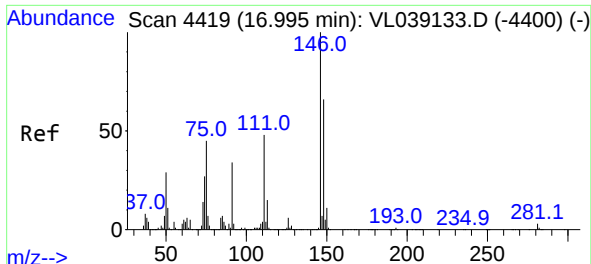


#74
1,2,4-Trimethylbenzene
Concen: 9.257 ppbv
RT: 16.764 min Scan# 4347
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



Tgt Ion:105 Resp: 4285525
Ion Ratio Lower Upper
105 100
120 49.4 38.1 57.1
91 50.0 47.4 71.0
77 22.1 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.734 ppbv

RT: 16.999 min Scan# 4419

Delta R.T. 0.003 min

Lab File: VL039175.D

Acq: 4 Jun 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 255084

Ion Ratio Lower Upper

146 100

111 45.5 23.8 71.4

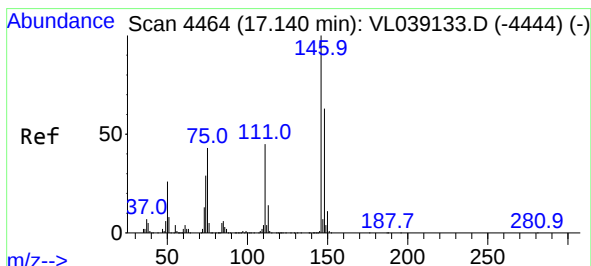
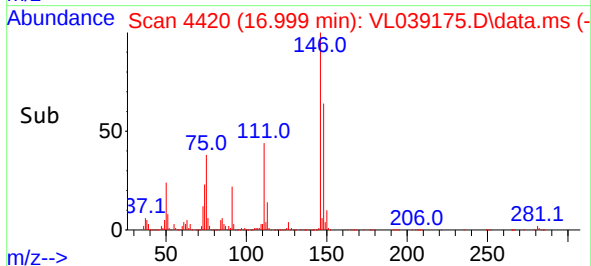
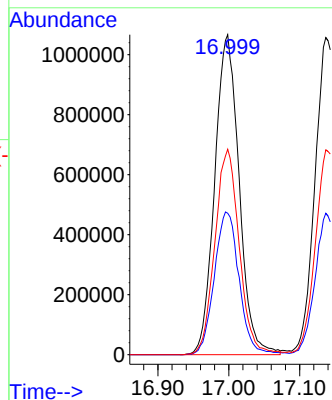
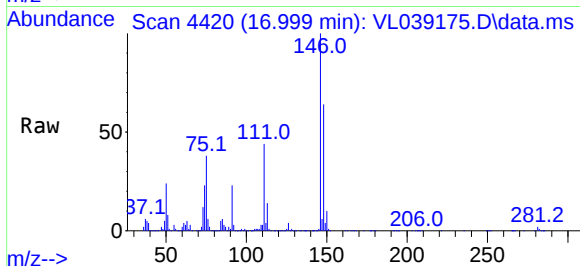
148 64.1 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#76

1,4-Dichlorobenzene

Concen: 9.673 ppbv

RT: 17.137 min Scan# 4463

Delta R.T. -0.003 min

Lab File: VL039175.D

Acq: 4 Jun 2022 12:33

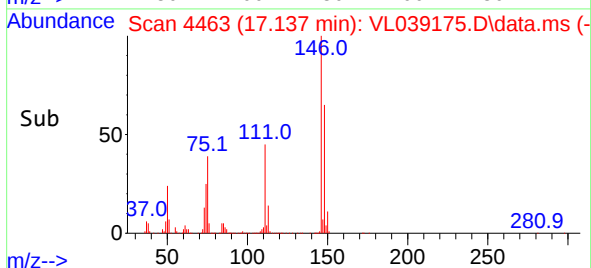
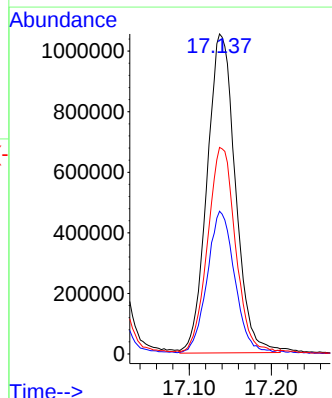
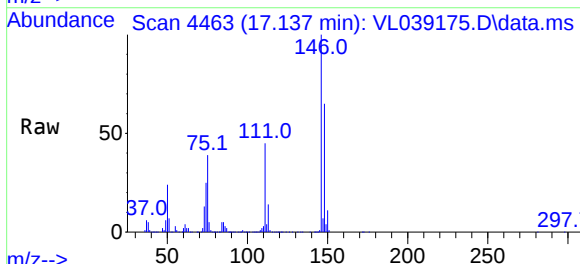
Tgt Ion:146 Resp: 2529054

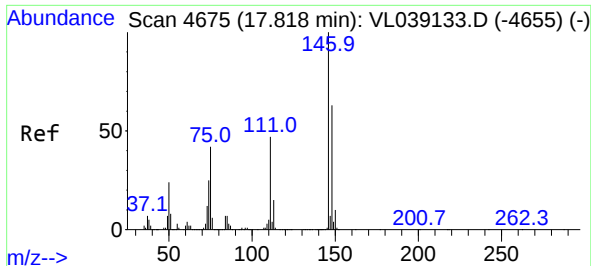
Ion Ratio Lower Upper

146 100

111 44.3 23.6 71.0

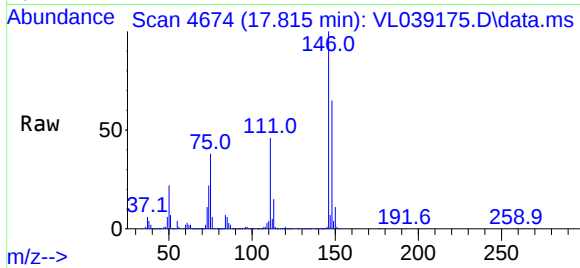
148 65.4 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 9.360 ppbv
RT: 17.815 min Scan# 4675
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

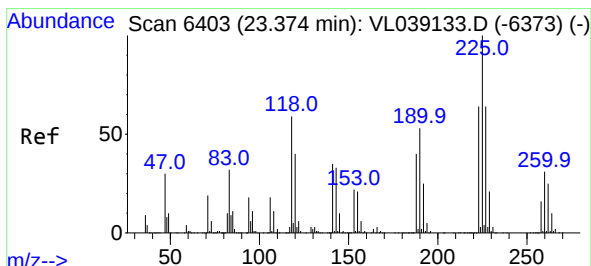
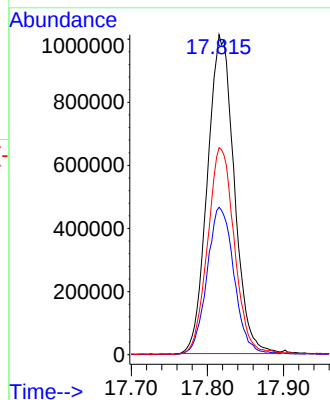
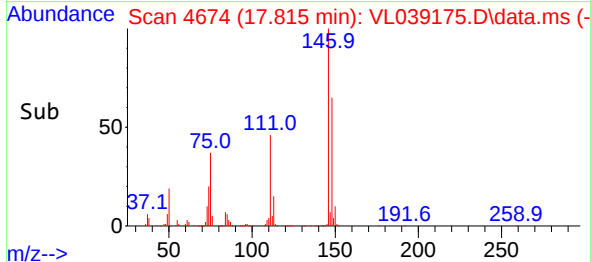
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



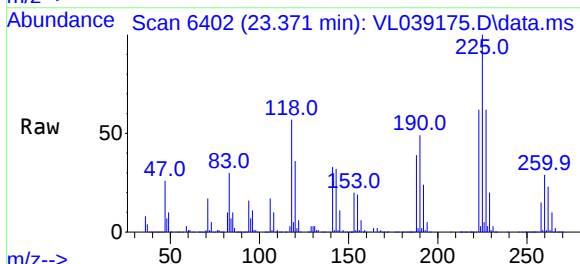
Tgt Ion:146 Resp: 247209
Ion Ratio Lower Upper
146 100
111 47.3 24.4 73.4
148 65.1 32.1 96.5

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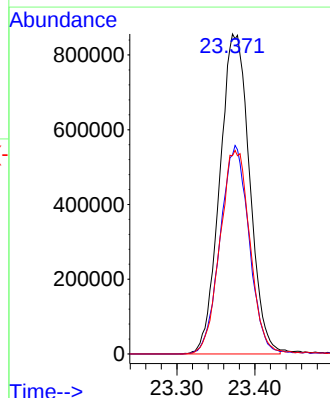
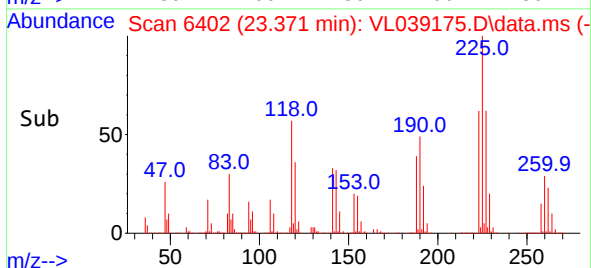
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

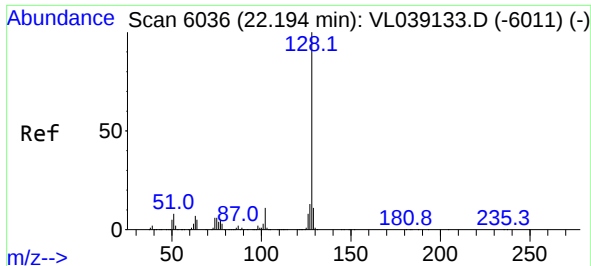


#78
Hexachloro-1,3-Butadiene
Concen: 9.424 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. -0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



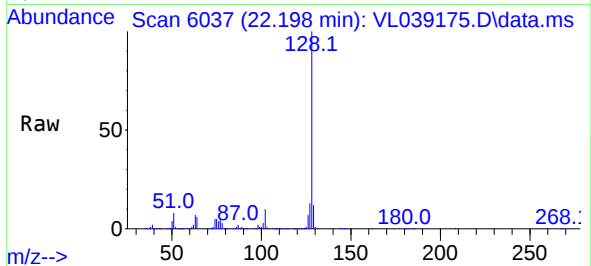
Tgt Ion:225 Resp: 2276014
Ion Ratio Lower Upper
225 100
223 63.7 51.4 77.0
227 64.2 50.6 75.8





#79
Naphthalene
Concen: 13.648 ppbv
RT: 22.198 min Scan# 6037
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33

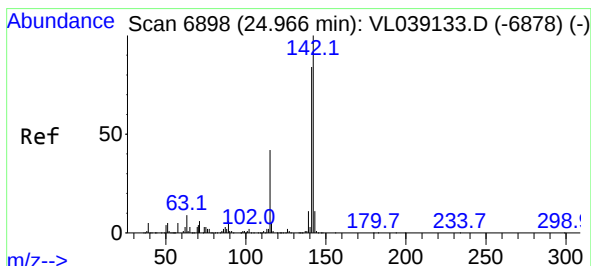
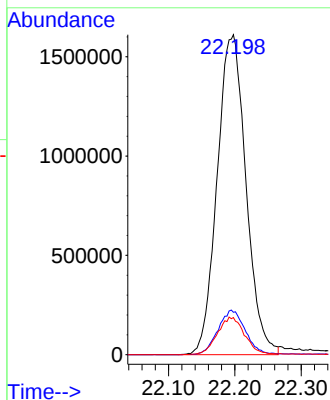
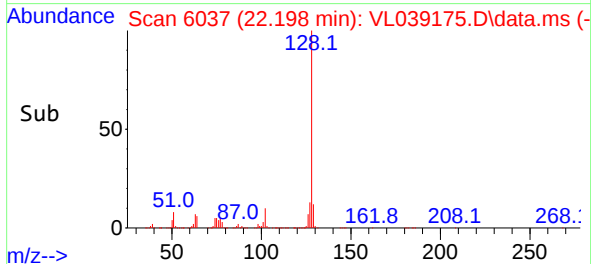
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



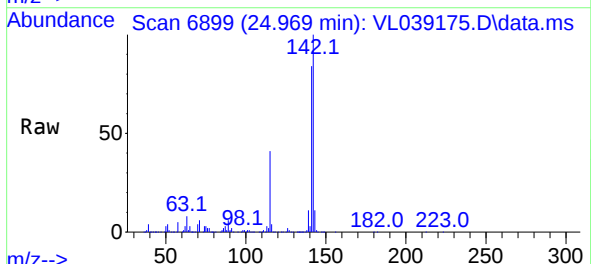
Tgt Ion:128 Resp: 486397
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.6 9.0 13.6

Manual Integrations
APPROVED

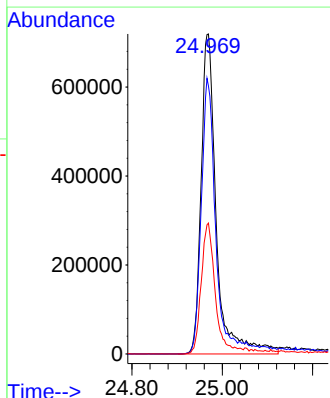
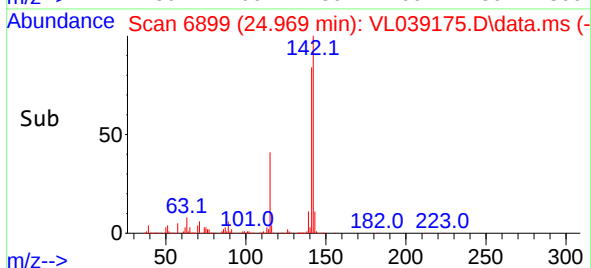
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

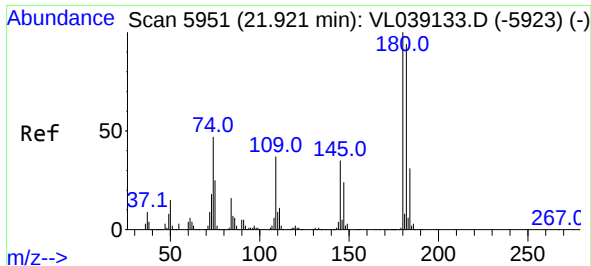


#80
Naphthalene,2-methyl-
Concen: 12.709 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.003 min
Lab File: VL039175.D
Acq: 4 Jun 2022 12:33



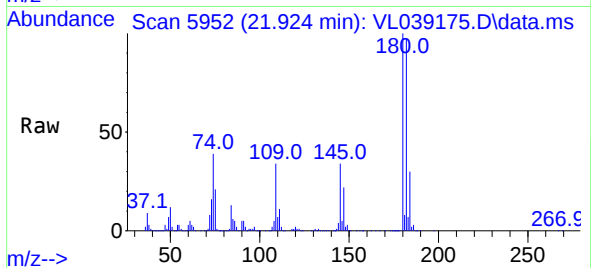
Tgt Ion:142 Resp: 1682783
Ion Ratio Lower Upper
142 100
141 85.3 64.6 96.8
115 41.2 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.657 ppbv
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.003 min
 Lab File: VL039175.D
 Acq: 4 Jun 2022 12:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 263190
 Ion Ratio Lower Upper
 180 100
 182 97.9 0.0 0.0
 184 30.7 0.0 0.0

Manual Integrations APPROVED

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

