

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
 Data File : VL039139.D
 Acq On : 31 May 2022 20:28
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: May 31 21:05:18 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 31 2022

QLast Update : Tue May 31 17:05:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1276764	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	3105129	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	3033106	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 2567731 10.690 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	2775319	13.873	ppbv	99
3) Chlorodifluoromethane	2.999	51	2149826	13.570	ppbv	98
4) Chloromethane	3.150	50	1123054	14.155	ppbv	99
5) Vinyl Chloride	3.269	62	1130359	15.602	ppbv	96
6) Bromomethane	3.485	94	560577	16.379	ppbv	97
7) Chloroethane	3.565	64	408616	16.851	ppbv	98
8) Dichlorotetrafluoroethane	3.195	85	2833523	15.629	ppbv	99
9) Propene	3.018	41	866283	12.521	ppbv	99
10) Heptane	8.131	43	2289531	13.489	ppbv	100
11) Trichlorofluoromethane	3.960	101	2834188	16.512	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.494	101	1891851	16.000	ppbv	98
13) Ethanol	3.616	45	53508m	10.928	ppbv	
14) Bromoethene	3.748	108	887404	18.201	ppbv	97
15) Acetone	3.854	43	1870958	15.535	ppbv	99
16) 1,3-Butadiene	3.337	39	1042494	15.066	ppbv	100
17) tert-Butyl alcohol	4.288	59	1412272	15.257	ppbv	99
18) 1,1-Dichloroethene	4.298	96	905535	17.795	ppbv	96
19) Isopropyl Alcohol	3.967	45	851413	14.868	ppbv #	99
20) Methylene Chloride	4.353	84	702280	15.471	ppbv	97
21) Allyl Chloride	4.420	41	1331815	16.228	ppbv	99
22) trans-1,2-Dichloroethene	4.893	96	867221	15.777	ppbv	98
23) Vinyl Acetate	5.079	43	1749683	18.361	ppbv	99
24) 1,1-Dichloroethane	5.018	63	2137204	19.477	ppbv	99
25) Ethyl Acetate	5.681	43	4126829	14.316	ppbv	99
26) Hexane	5.694	57	1752525	13.683	ppbv	98
27) Carbon Disulfide	4.559	76	2120265	17.426	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1956853	20.081	ppbv	100
29) Chloroform	5.761	83	3052099	14.729	ppbv	99
30) Cyclohexane	7.140	84	1498562	13.975	ppbv	97
31) cis-1,2-Dichloroethene	5.555	61	1906572	14.611	ppbv	98
32) 1,1,1-Trichloroethane	6.520	97	3149912	15.202	ppbv	99
34) 2-Butanone	5.250	43	2493295	15.739	ppbv	100
35) Carbon Tetrachloride	7.025	117	3424261	16.737	ppbv	97
36) Benzene	6.899	78	3494152	13.149	ppbv	97
37) 1,2-Dichloroethane	6.314	62	2519523	15.324	ppbv	99
38) Trichloroethene	7.841	130	1749883	14.813	ppbv	98
39) 1,2-Dichloropropane	7.620	63	1409120	13.628	ppbv	95
40) 1,4-Dioxane	7.835	88	442985	11.929	ppbv #	1
41) Tetrahydrofuran	6.050	42	1423737	13.372	ppbv	100
42) Bromodichloromethane	7.803	83	3423891	15.232	ppbv	98
43) Methyl Methacrylate	8.021	69	1513356	14.028	ppbv	100
44) 2,2,4-Trimethylpentane	7.877	57	5993244	12.853	ppbv	98
45) t-1,3-Dichloropropene	9.285	75	1843363	17.652	ppbv	98

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

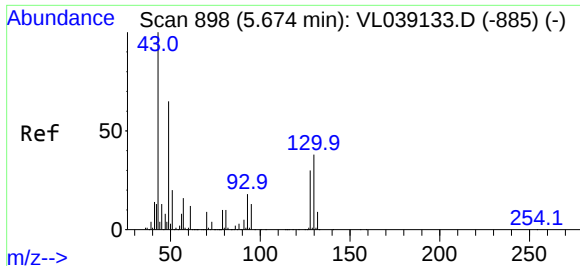
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 31 2022

QLast Update : Tue May 31 17:05:54 2022

Response via : Initial Calibration

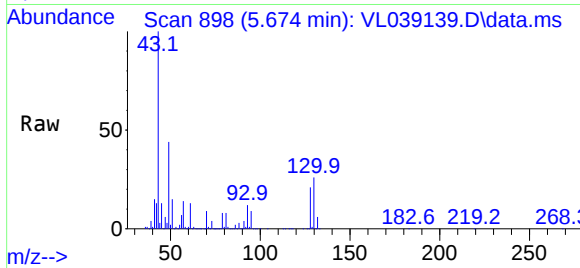
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.710	75	2215388	15.998	ppbv	96
47) 1,1,2-Trichloroethane	9.481	97	1505321	13.998	ppbv	98
48) Dibromochloromethane	10.311	129	2949932	16.854	ppbv	99
49) Bromoform	13.047	173	2489760	18.652	ppbv	99
50) 4-Methyl-2-Pentanone	8.745	43	3818023	13.744	ppbv	100
51) 2-Hexanone	10.134	43	3045873	15.023	ppbv #	98
52) Tetrachloroethene	11.230	164	1375537	14.485	ppbv	94
53) Toluene	9.812	91	4185340	14.052	ppbv	99
54) 1,2-Dibromoethane	10.616	107	2165827	14.794	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.131	131	1989952	14.953	ppbv #	76
57) Chlorobenzene	12.153	112	3146897	13.841	ppbv	98
58) Ethyl Benzene	12.716	91	5690007	13.035	ppbv	97
59) m/p-Xylene	13.002	91	10045707m	26.958	ppbv	
60) o-Xylene	13.696	91	4821534	13.747	ppbv	99
61) Styrene	13.532	104	2781752	14.857	ppbv	99
62) Isopropylbenzene	14.674	105	6913416	13.479	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.684	83	2595234	12.566	ppbv	100
64) n-propylbenzene	15.565	120	1825935	14.725	ppbv	93
65) tert-Butylbenzene	16.748	119	6341222	14.111	ppbv	100
66) Benzyl Chloride	16.992	91	1178847	20.068	ppbv	100
67) sec-Butylbenzene	17.298	105	8720828	13.583	ppbv	98
69) p-Isopropyltoluene	17.654	119	7356079	14.182	ppbv	99
70) n-Butylbenzene	18.552	91	7734785	14.036	ppbv	99
71) 2-Chlorotoluene	15.455	91	5401256	13.661	ppbv	100
72) 4-Ethyltoluene	15.844	105	5708114	14.283	ppbv	99
73) 1,3,5-Trimethylbenzene	15.999	105	5195428	14.440	ppbv	99
74) 1,2,4-Trimethylbenzene	16.767	105	5644220	14.327	ppbv	95
75) 1,3-Dichlorobenzene	17.002	146	3323084	15.395	ppbv	99
76) 1,4-Dichlorobenzene	17.143	146	3202989	15.084	ppbv	100
77) 1,2-Dichlorobenzene	17.818	146	3189881	14.942	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	2750135	14.017	ppbv	99
79) Naphthalene	22.194	128	5382841	16.821	ppbv	100
80) Naphthalene,2-methyl-	24.966	142	2213682	22.867	ppbv	94
81) 1,2,4-Trichlorobenzene	21.924	180	3013440	16.070	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

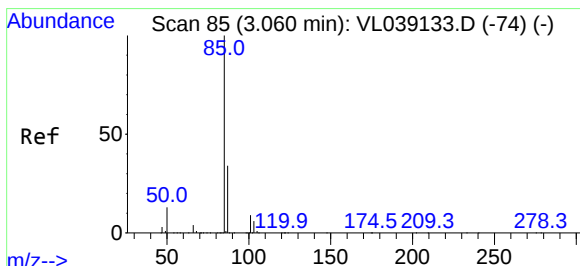
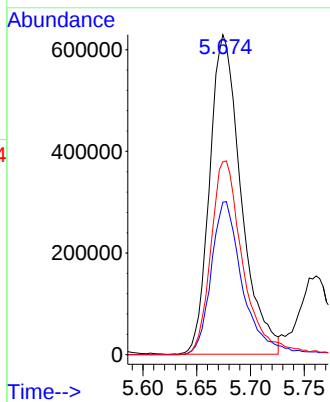
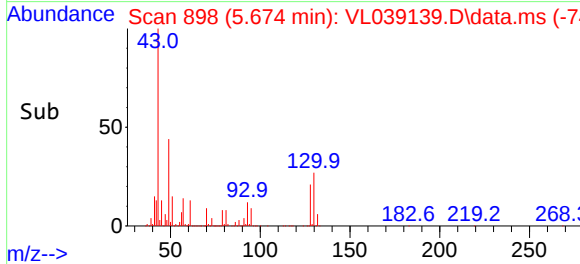
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



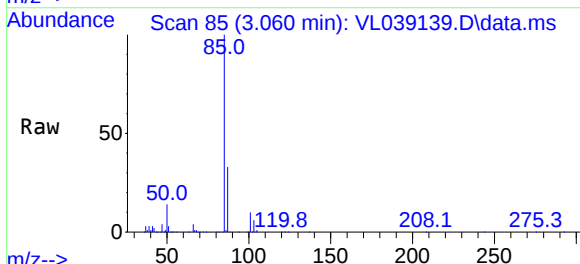
Tgt Ion: 49 Resp: 1276764
Ion Ratio Lower Upper
49 100
128 48.9 24.7 74.1
130 63.6 31.4 94.0

Manual Integrations
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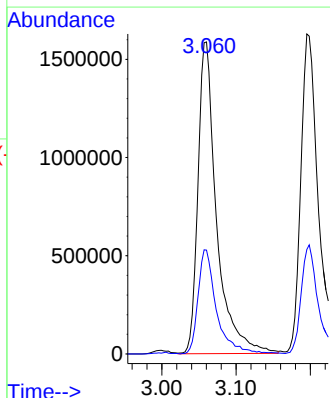
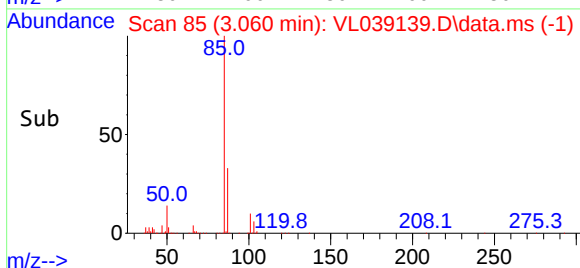
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

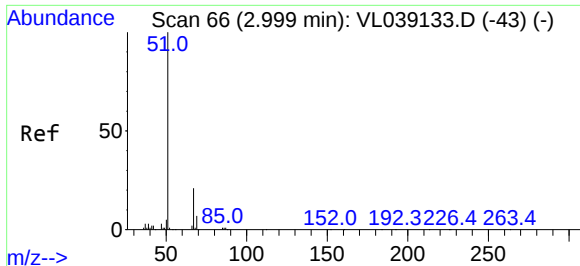


#2
Dichlorodifluoromethane
Concen: 13.873 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



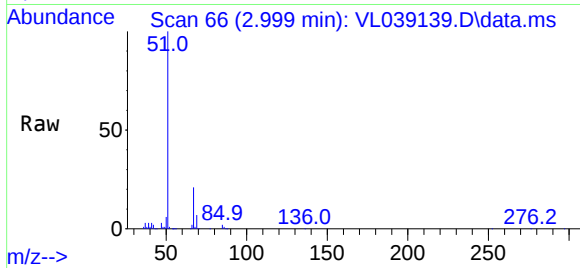
Tgt Ion: 85 Resp: 2775319
Ion Ratio Lower Upper
85 100
87 33.2 26.9 40.3





#3
Chlorodifluoromethane
Concen: 13.570 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

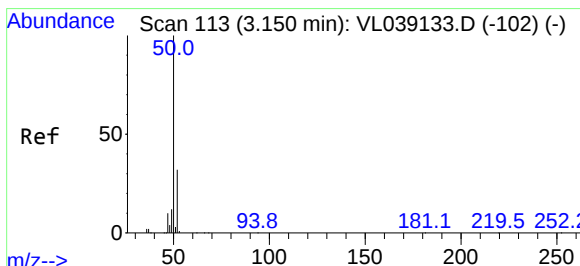
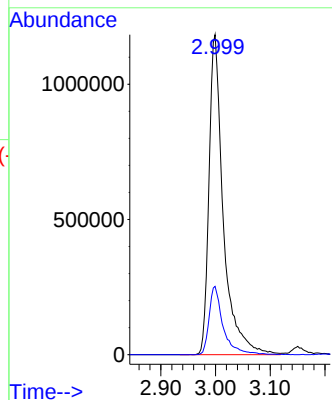
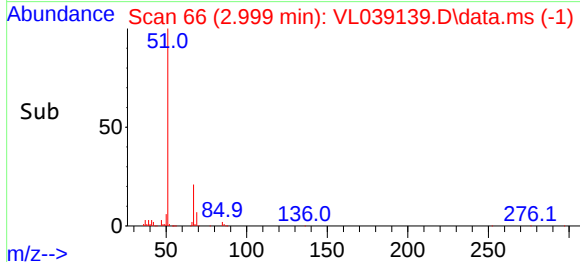
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



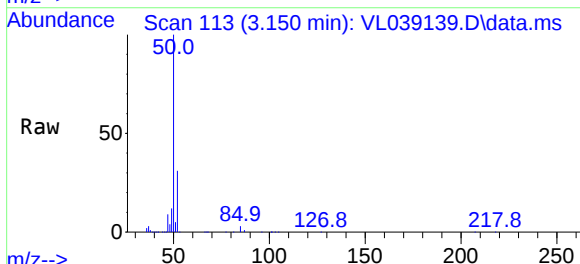
Tgt Ion: 51 Resp: 2149820
Ion Ratio Lower Upper
51 100
67 21.1 16.2 24.4

Manual Integrations
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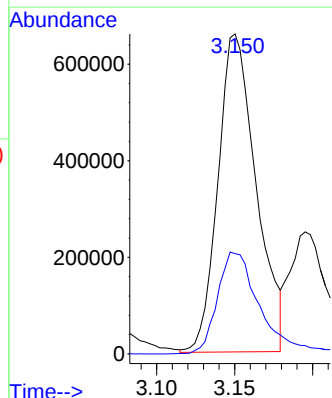
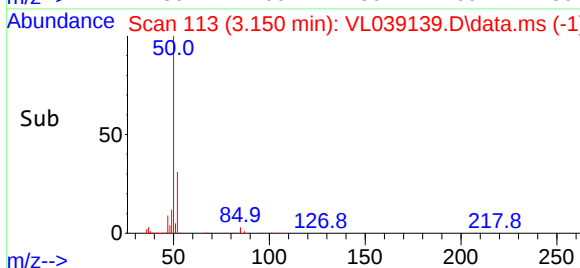
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

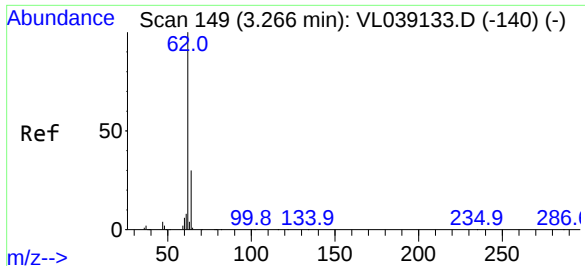


#4
Chloromethane
Concen: 14.155 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 50 Resp: 1123054
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9





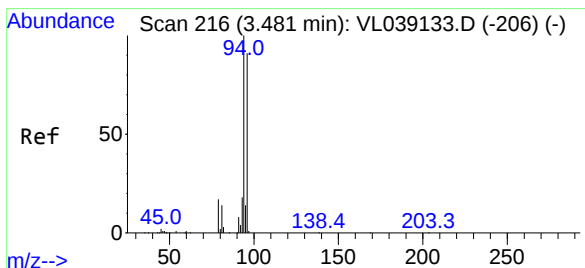
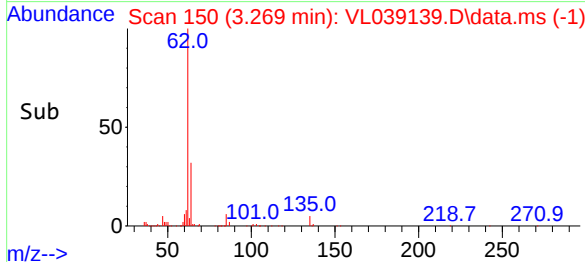
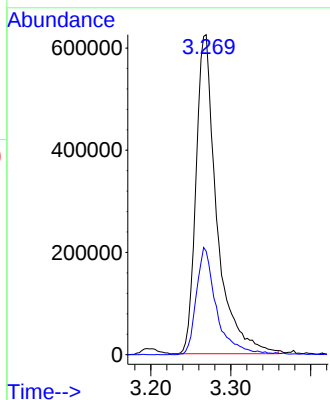
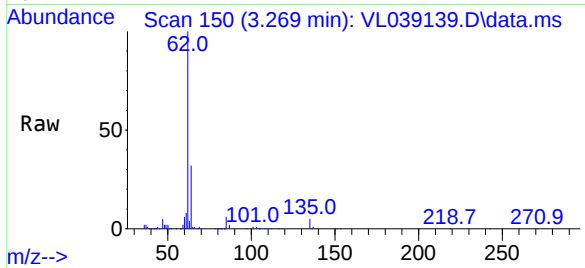
#5
 Vinyl Chloride
 Concen: 15.602 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 113035
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.2 36.2

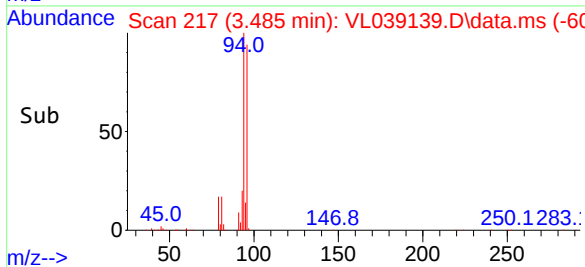
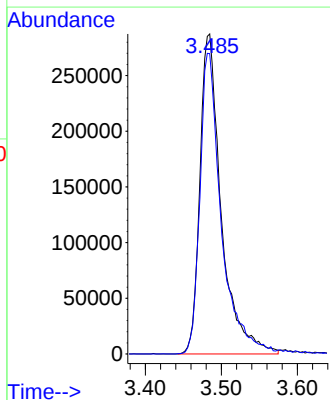
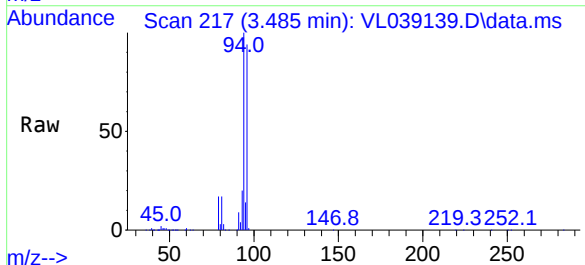
Manual Integrations
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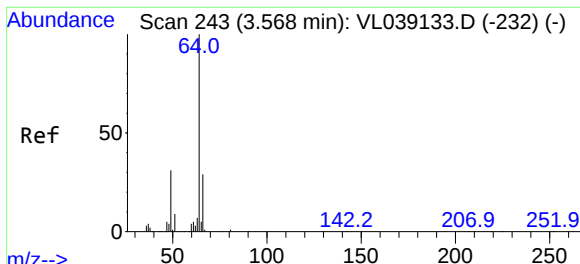
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#6
 Bromomethane
 Concen: 16.379 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

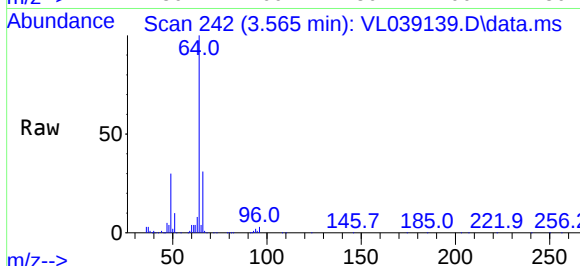
Tgt Ion: 94 Resp: 560577
 Ion Ratio Lower Upper
 94 100
 96 93.7 73.0 109.4





#7
Chloroethane
Concen: 16.851 ppbv
RT: 3.565 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

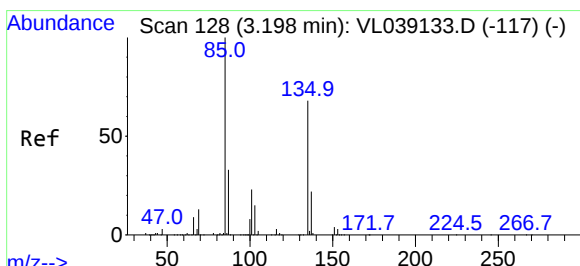
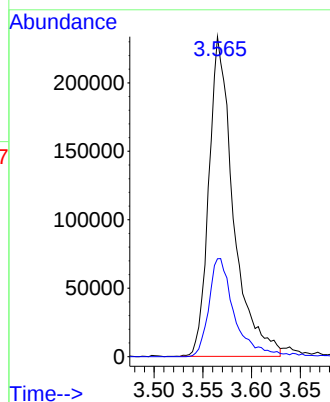
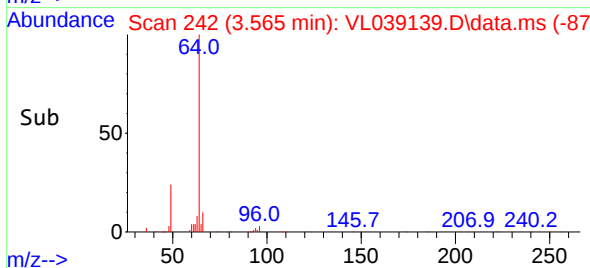
Instrument : MSVOA_L
ClientSampleId : VSTDIC015



Tgt Ion: 64 Resp: 408610
Ion Ratio Lower Upper
64 100
66 30.6 23.6 35.4

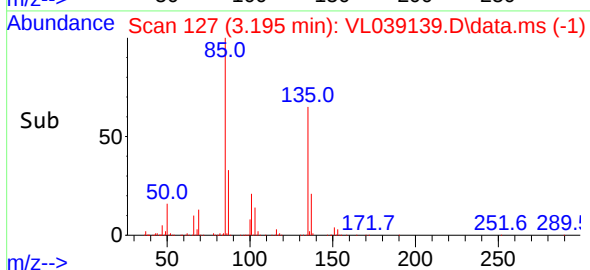
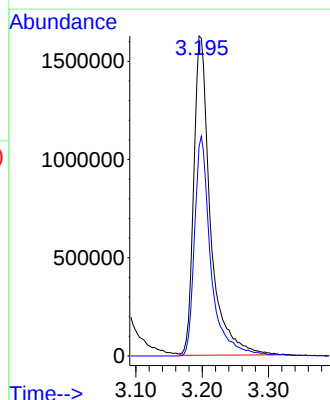
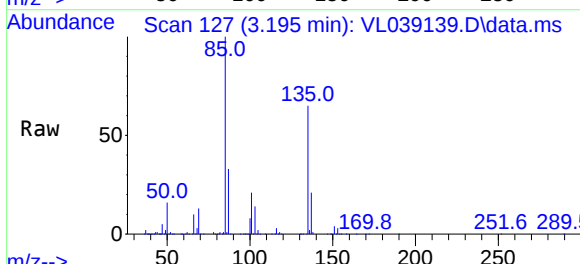
Manual Integrations
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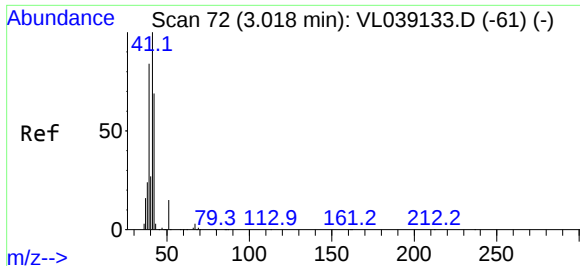
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#8
Dichlorotetrafluoroethane
Concen: 15.629 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

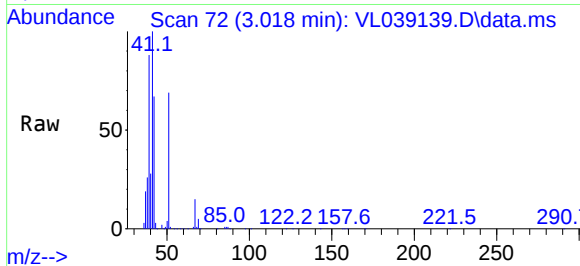
Tgt Ion: 85 Resp: 2833523
Ion Ratio Lower Upper
85 100
135 68.2 55.0 82.4





#9
 Propene
 Concen: 12.521 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

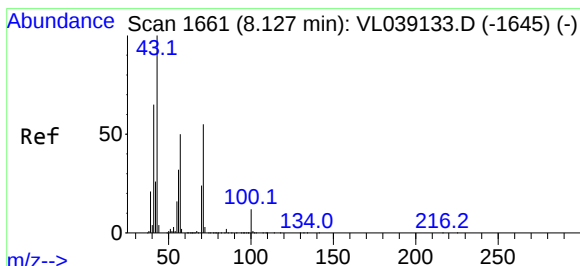
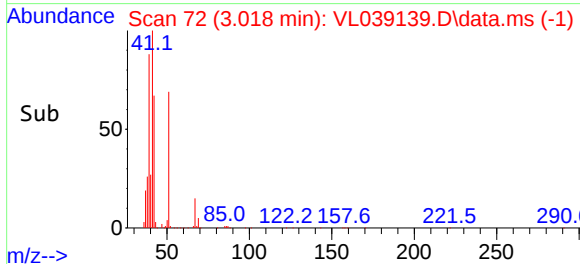
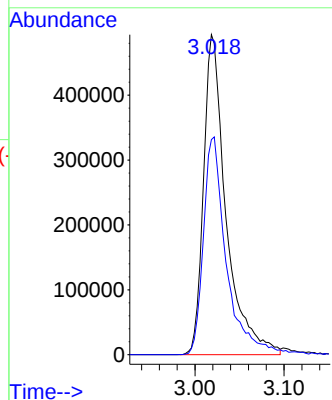
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 41 Resp: 86628
 Ion Ratio Lower Upper
 41 100
 42 69.8 55.4 83.2

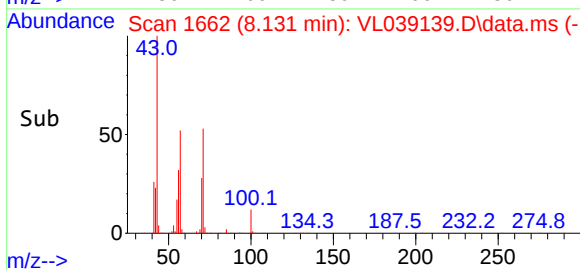
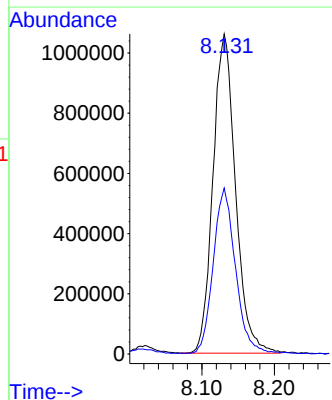
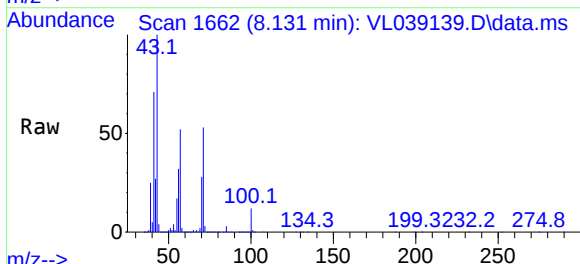
Manual Integrations
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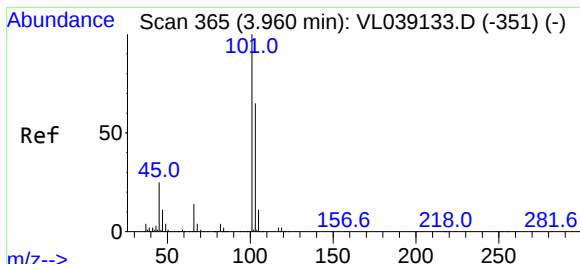
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#10
 Heptane
 Concen: 13.489 ppbv
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

Tgt Ion: 43 Resp: 2289531
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.4 62.2





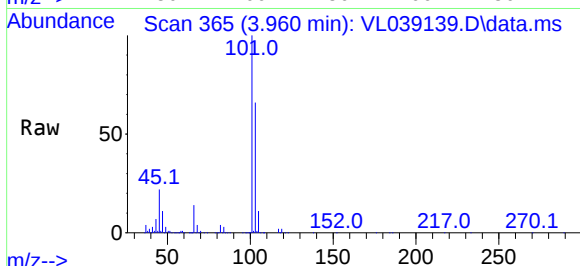
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Trichlorofluoromethane
Concen: 16.512 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

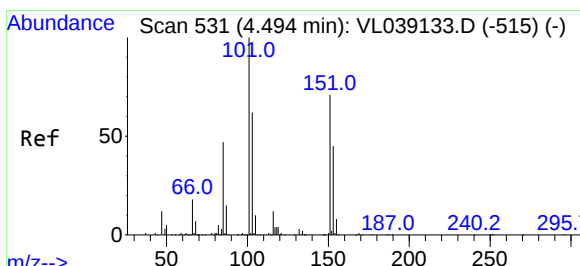
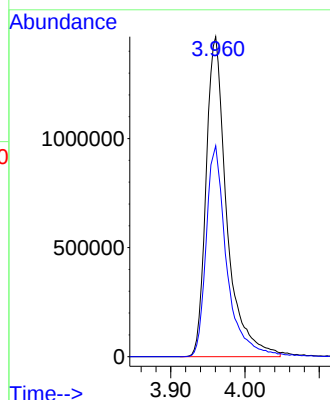
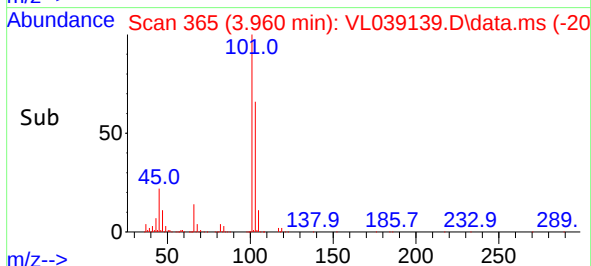


Tgt Ion:101 Resp: 283418
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5

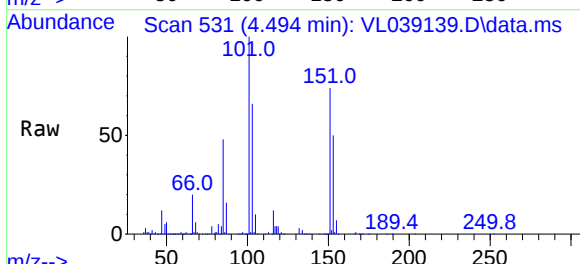
Manual Integrations

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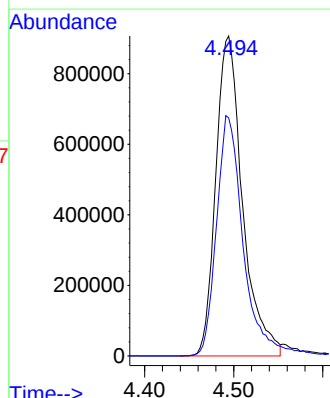
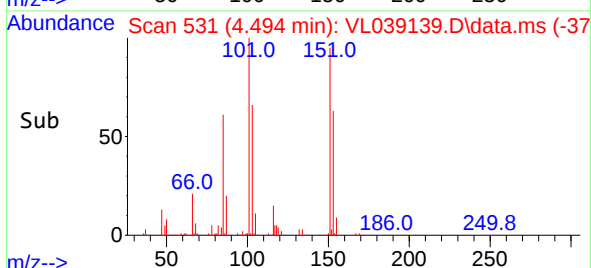
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

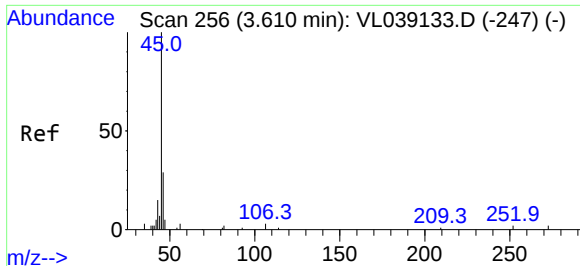


#12
1,1,2-Trichlorotrifluoroethane
Concen: 16.000 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



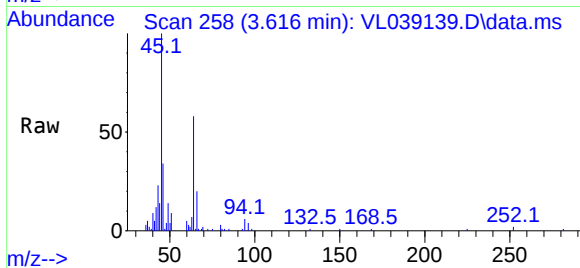
Tgt Ion:101 Resp: 1891851
Ion Ratio Lower Upper
101 100
151 76.0 59.4 89.0





#13
Ethanol
Concen: 10.928 ppbv m
RT: 3.616 min Scan# 210
Delta R.T. 0.007 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

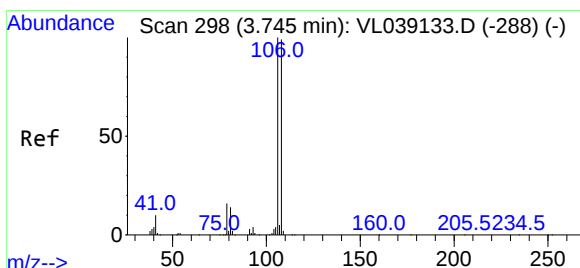
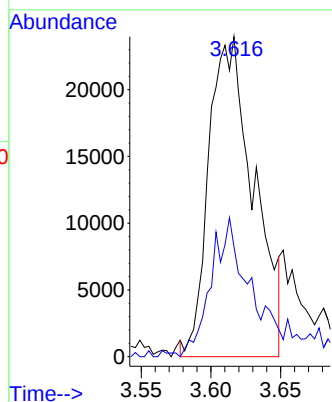
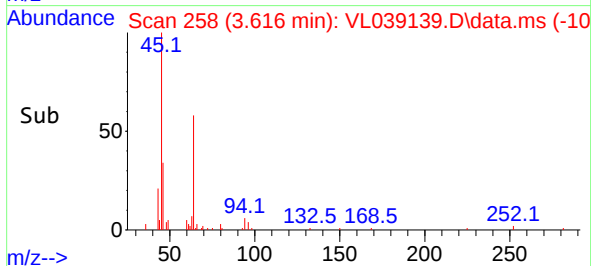
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



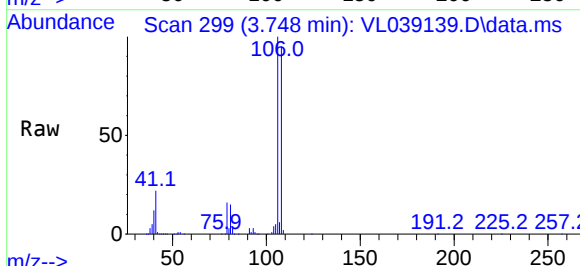
Tgt Ion: 45 Resp: 53508
Ion Ratio Lower Upper
45 100
46 46.2 0.0 0.0

Manual Integrations
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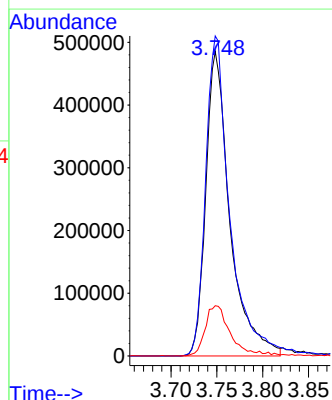
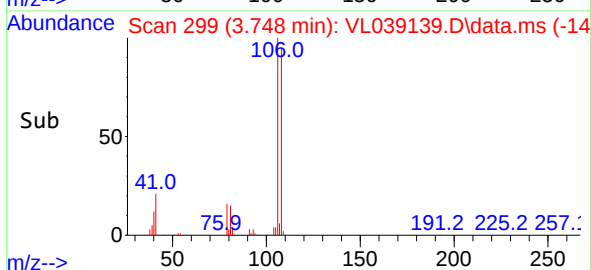
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

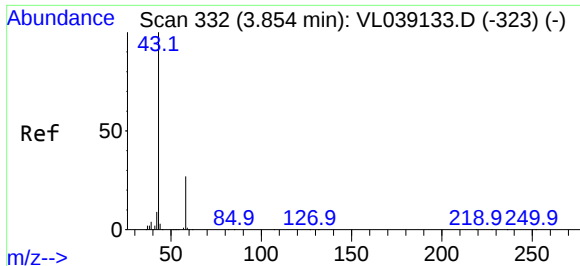


#14
Bromoethene
Concen: 18.201 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



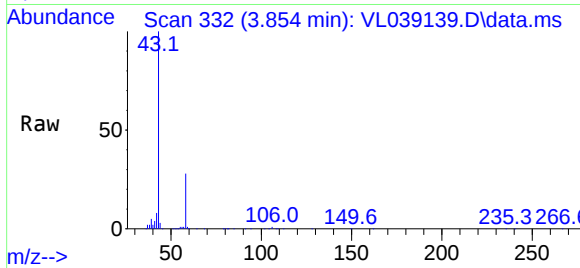
Tgt Ion:108 Resp: 887404
Ion Ratio Lower Upper
108 100
106 107.7 88.4 132.6
79 17.8 13.4 20.2





#15
Acetone
Concen: 15.535 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

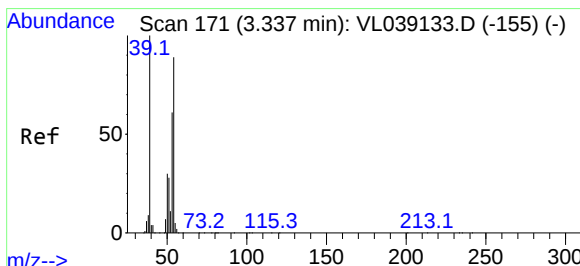
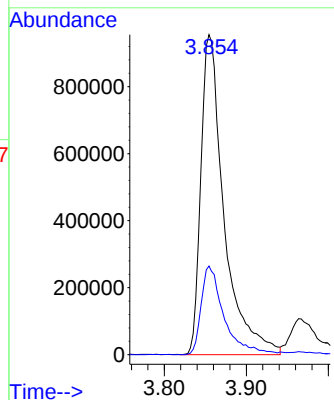
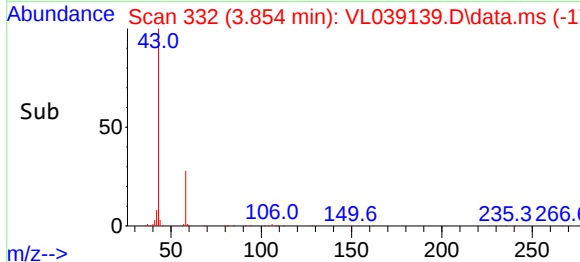
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 1870958
Ion Ratio Lower Upper
43 100
58 27.6 22.5 33.7

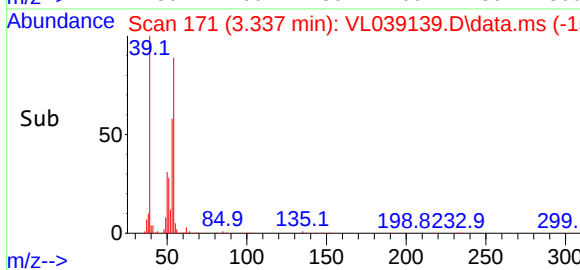
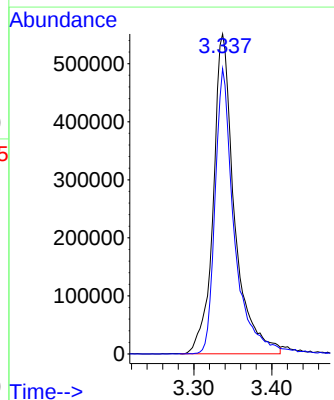
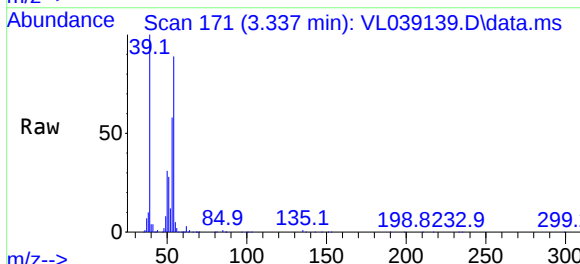
Manual Integrations
APPROVED

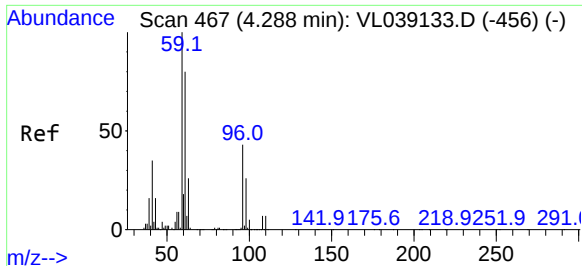
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#16
1,3-Butadiene
Concen: 15.066 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 39 Resp: 1042494
Ion Ratio Lower Upper
39 100
54 81.9 65.8 98.6





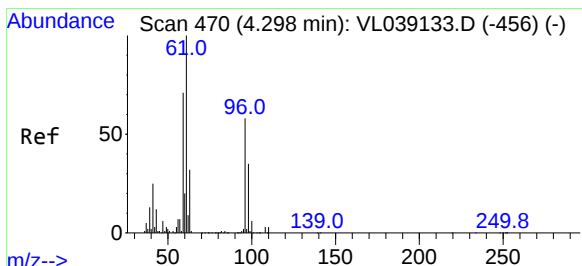
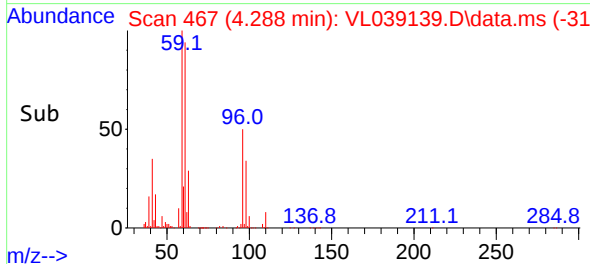
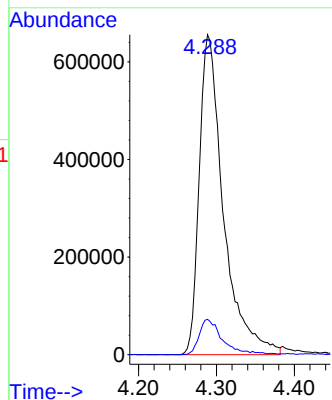
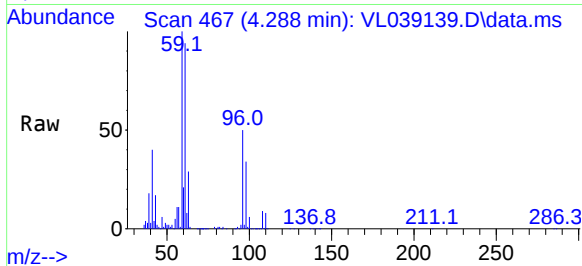
#17
tert-Butyl alcohol
Concen: 15.257 ppbv
RT: 4.288 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 141227
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

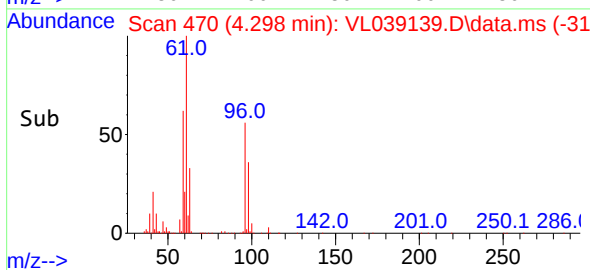
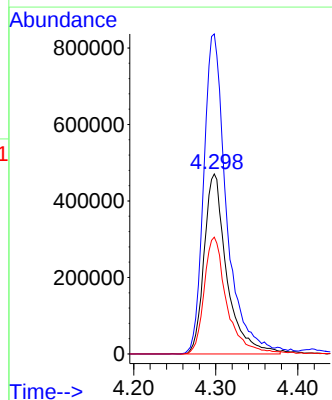
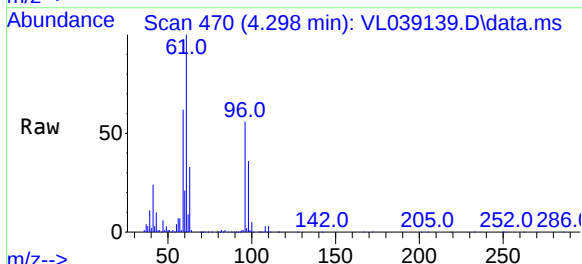
Manual Integrations
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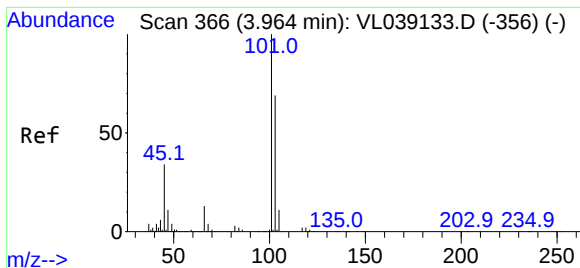
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
1,1-Dichloroethene
Concen: 17.795 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

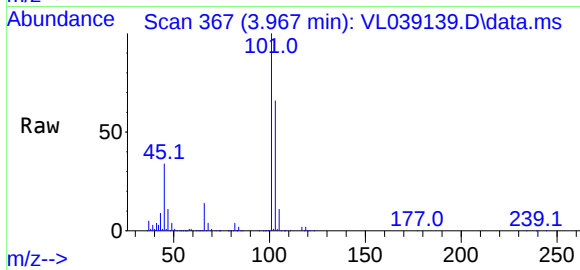
Tgt Ion: 96 Resp: 905535
Ion Ratio Lower Upper
96 100
61 177.8 138.4 207.6
98 64.9 47.8 71.8





#19
Isopropyl Alcohol
Concen: 14.868 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

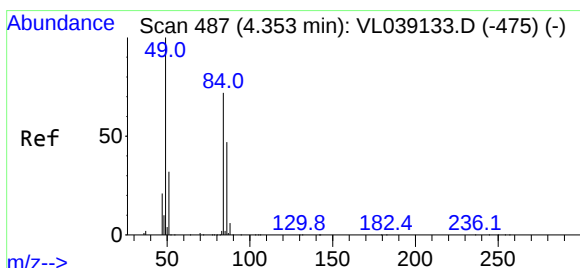
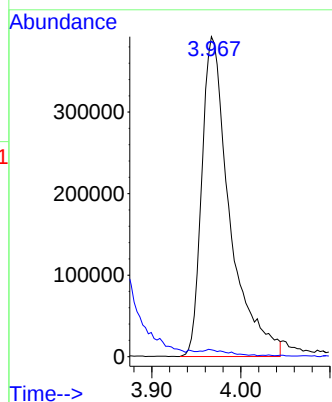
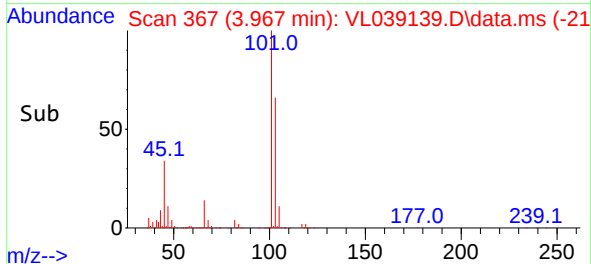
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



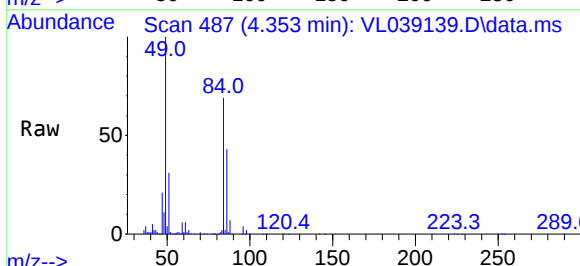
Tgt Ion: 45 Resp: 851411
Ion Ratio Lower Upper
45 100
58 2.8 1.8 2.8

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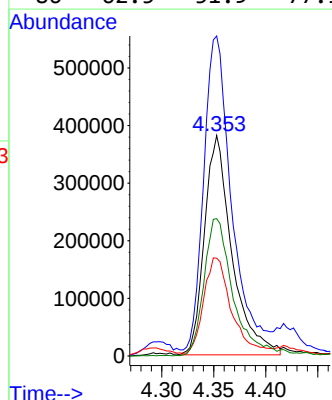
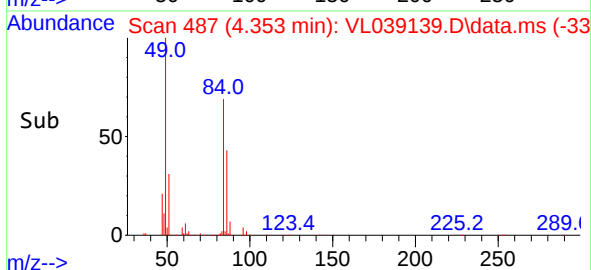
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

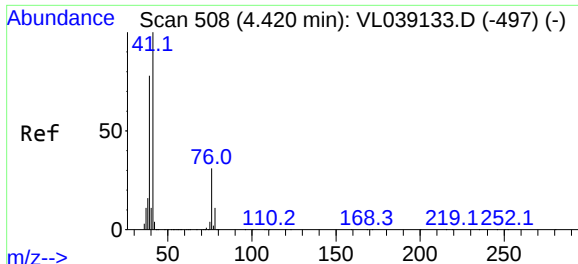


#20
Methylene Chloride
Concen: 15.471 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



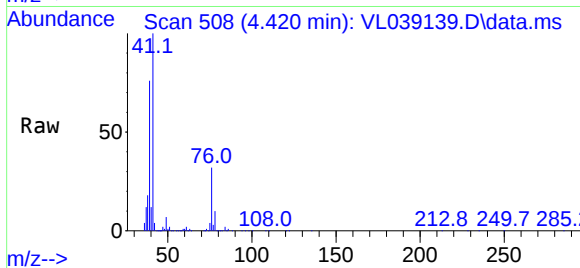
Tgt Ion: 84 Resp: 702280
Ion Ratio Lower Upper
84 100
49 143.1 111.1 166.7
51 43.2 35.3 52.9
86 62.5 51.9 77.9





#21
 Allyl Chloride
 Concen: 16.228 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

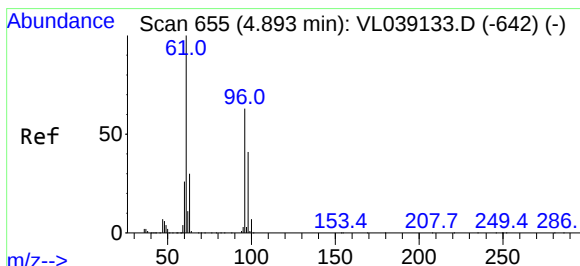
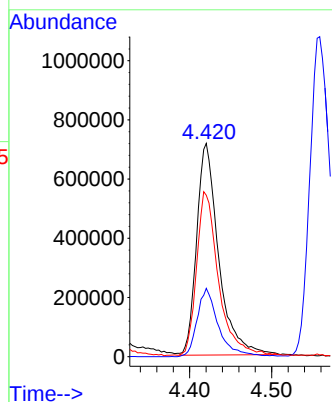
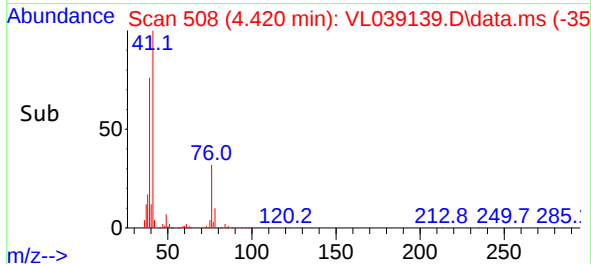


Tgt Ion: 41 Resp: 133181

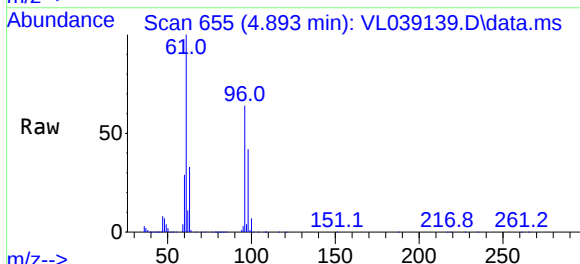
Ion	Ratio	Lower	Upper
41	100		
76	31.4	24.2	36.2
39	77.4	62.2	93.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

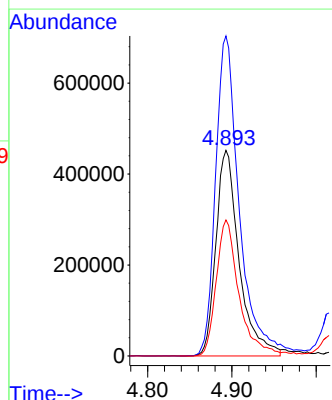
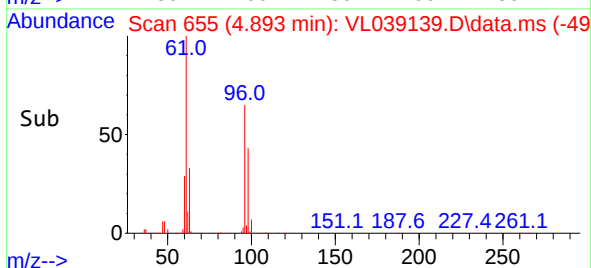


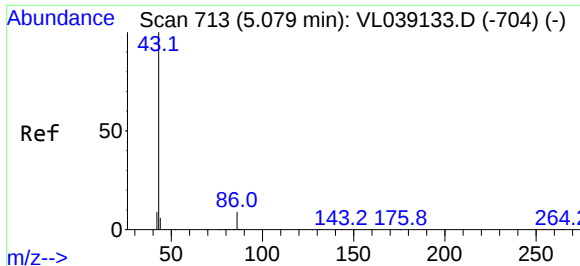
#22
 trans-1,2-Dichloroethene
 Concen: 15.777 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28



Tgt Ion: 96 Resp: 867221

Ion	Ratio	Lower	Upper
96	100		
61	155.6	126.6	190.0
98	66.1	52.5	78.7





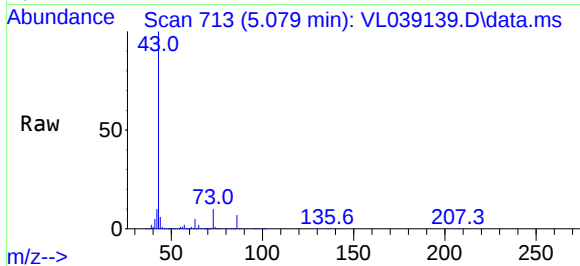
#23
 Vinyl Acetate
 Concen: 18.361 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



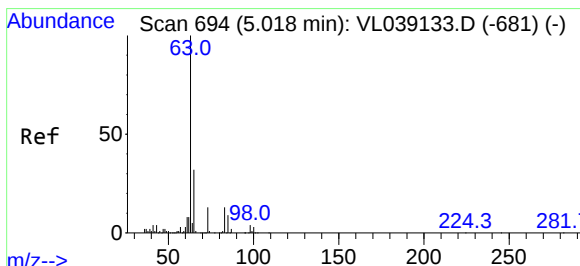
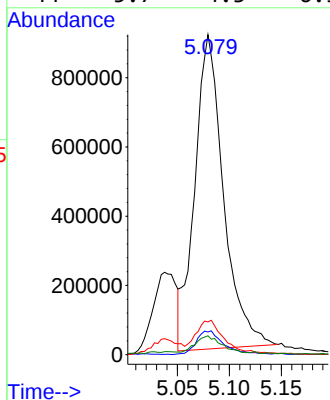
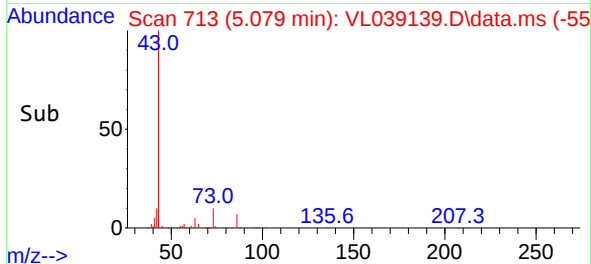
Tgt Ion: 43 Resp: 174968

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.0	9.0
42	10.1	8.2	12.4
44	5.7	4.3	6.5

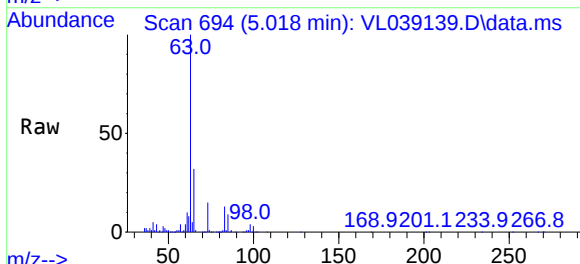
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

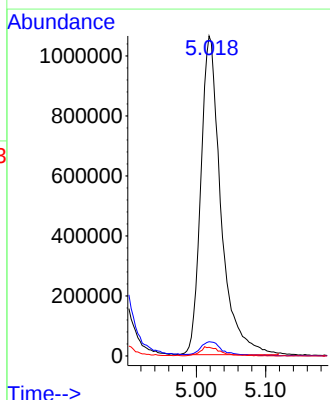
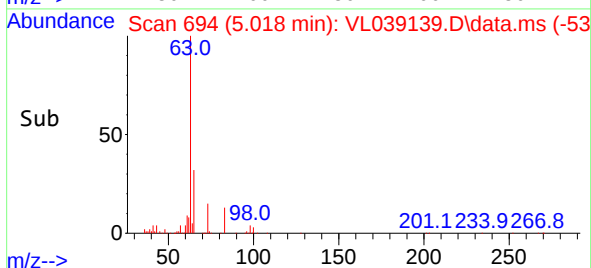


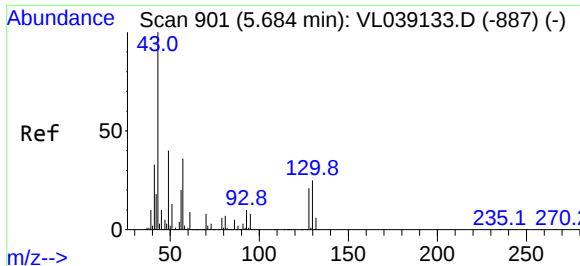
#24
 1,1-Dichloroethane
 Concen: 19.477 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28



Tgt Ion: 63 Resp: 2137204

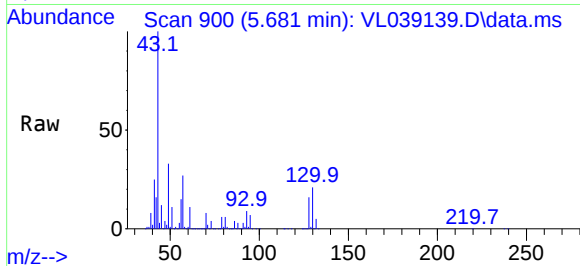
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.7	1.5	4.5





#25
Ethyl Acetate
Concen: 14.316 ppbv
RT: 5.681 min Scan# 901
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

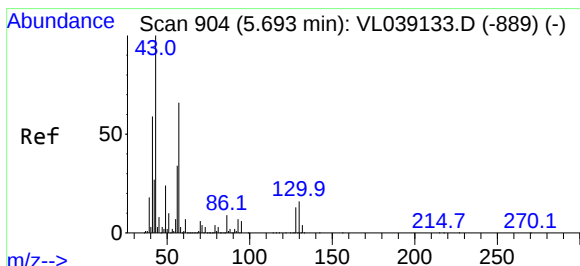
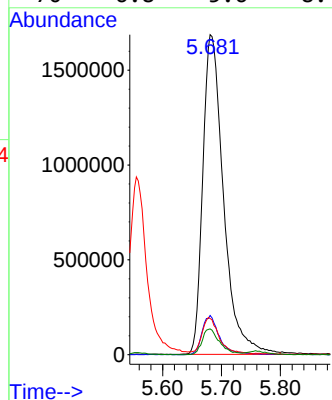
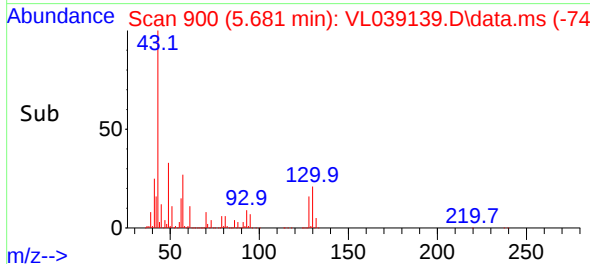
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



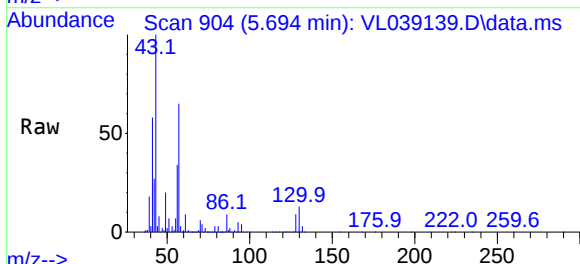
Tgt Ion: 43 Resp: 4126829
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 9.9 8.4 12.6
70 6.8 5.6 8.4

Manual Integrations
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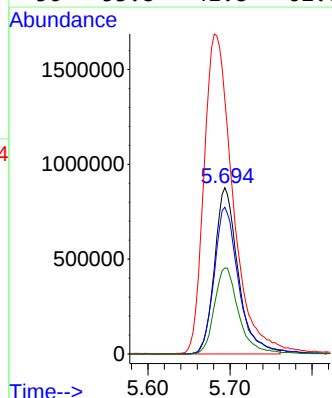
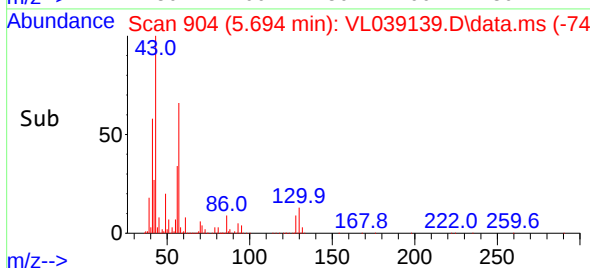
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

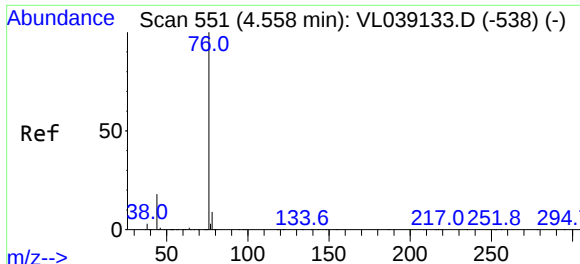


#26
Hexane
Concen: 13.683 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



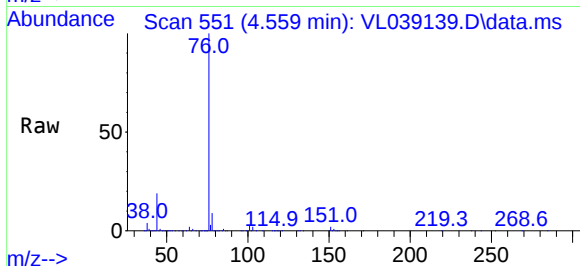
Tgt Ion: 57 Resp: 1752525
Ion Ratio Lower Upper
57 100
41 94.0 72.4 108.6
43 237.0 187.0 280.6
56 53.8 41.8 62.6





#27
Carbon Disulfide
Concen: 17.426 ppbv
RT: 4.559 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

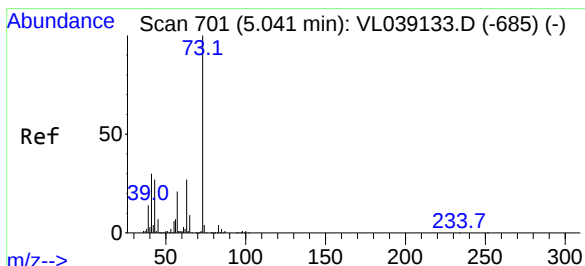
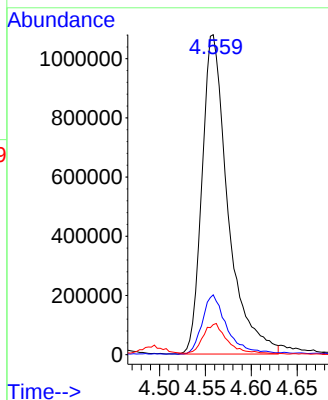
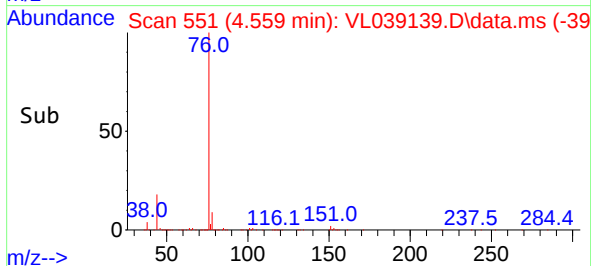
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



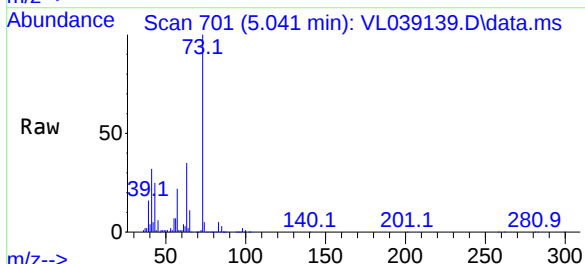
Tgt Ion: 76 Resp: 212026
Ion Ratio Lower Upper
76 100
44 18.3 14.4 21.6
78 10.1 7.7 11.5

Manual Integrations
APPROVED

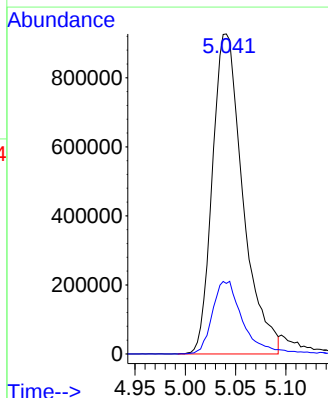
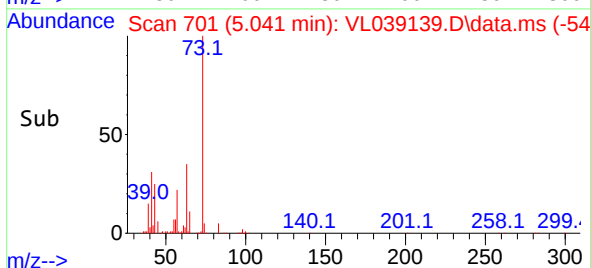
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

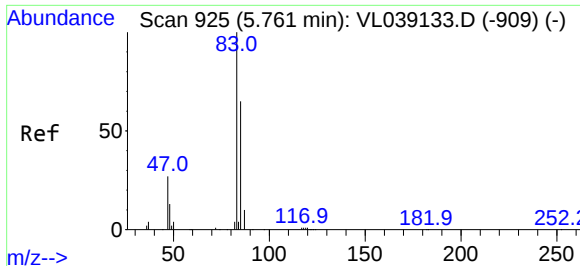


#28
Methyl tert-Butyl Ether
Concen: 20.081 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



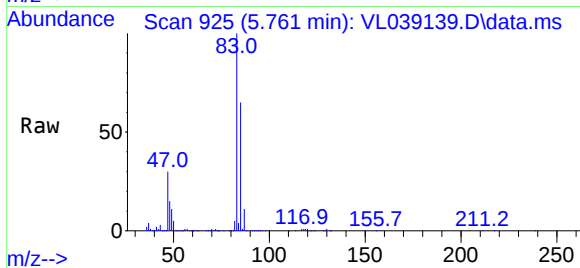
Tgt Ion: 73 Resp: 1956853
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8





#29
Chloroform
Concen: 14.729 ppbv
RT: 5.761 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

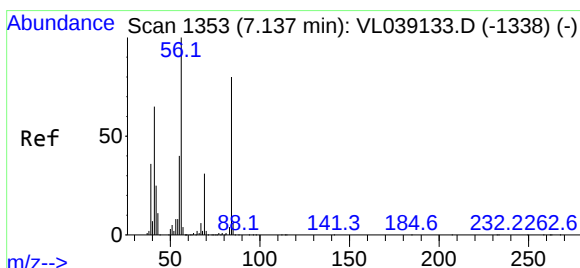
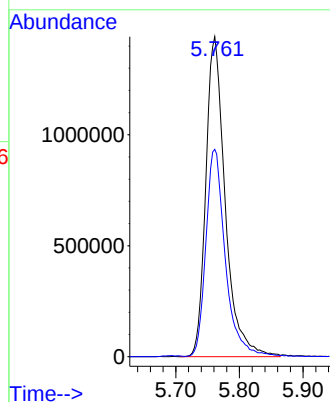
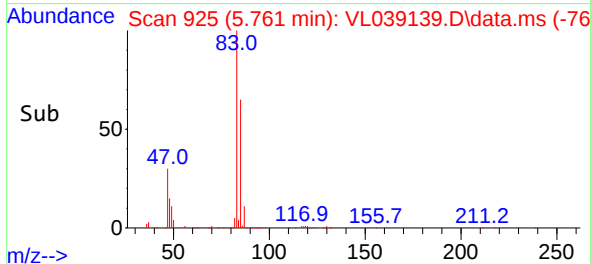
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



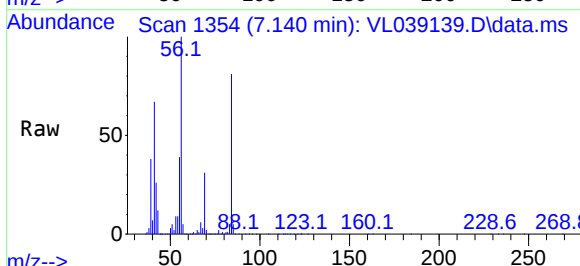
Tgt Ion: 83 Resp: 305209
Ion Ratio Lower Upper
83 100
85 64.6 52.4 78.6

Manual Integrations
APPROVED

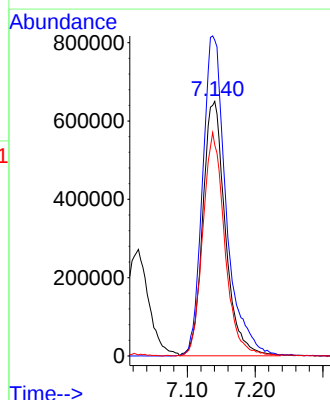
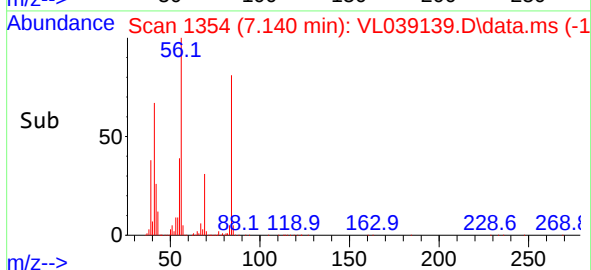
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

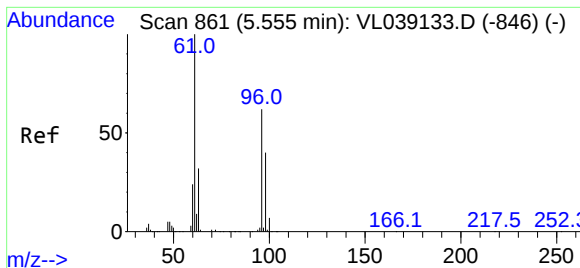


#30
Cyclohexane
Concen: 13.975 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 84 Resp: 1498562
Ion Ratio Lower Upper
84 100
56 132.4 110.6 165.8
41 85.7 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 14.611 ppbv
RT: 5.555 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

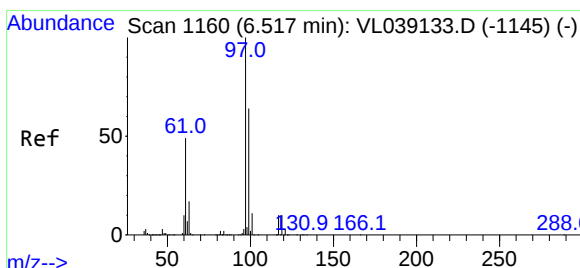
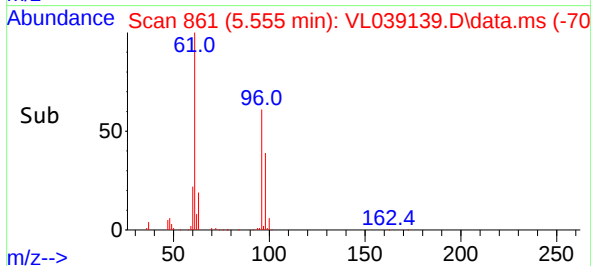
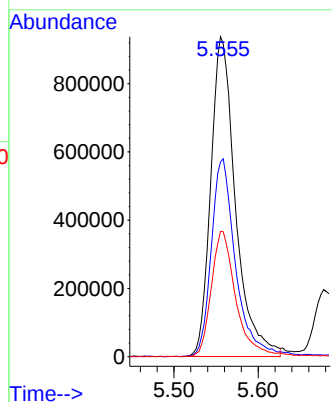
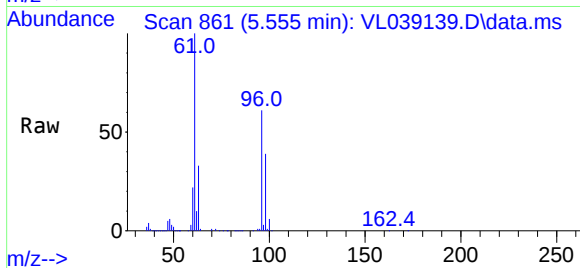
VSTDIC015

Tgt Ion: 61 Resp: 1906572
Ion Ratio Lower Upper
61 100
96 60.9 49.9 74.9
98 39.1 32.0 48.0

Manual Integrations

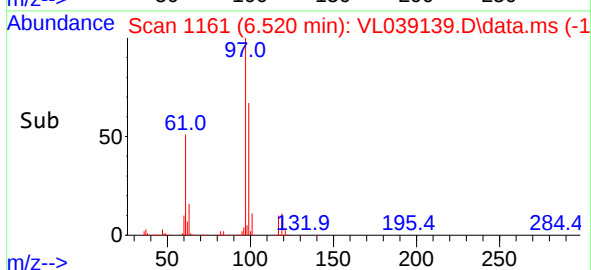
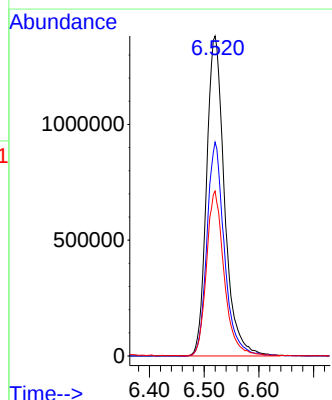
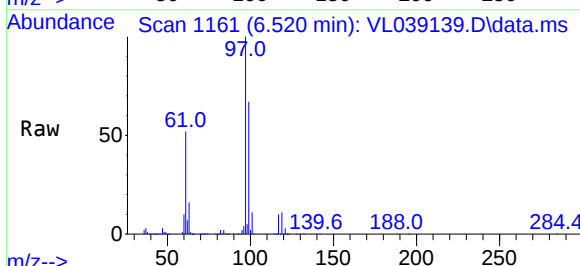
APPROVED

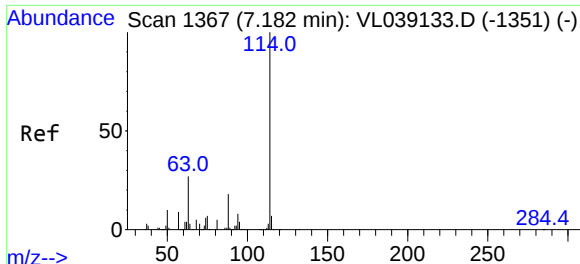
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#32
1,1,1-Trichloroethane
Concen: 15.202 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 97 Resp: 3149912
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 50.8 40.0 60.0





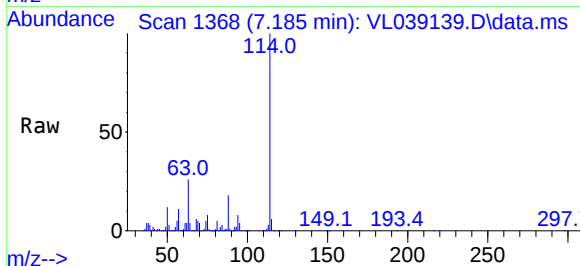
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

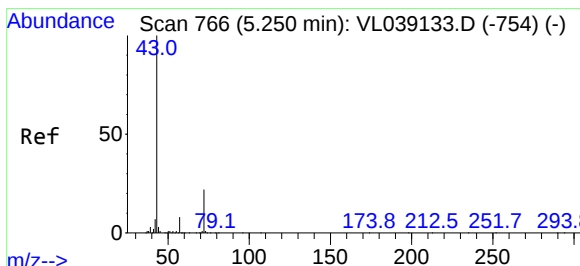
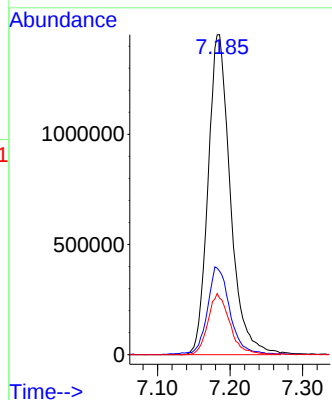
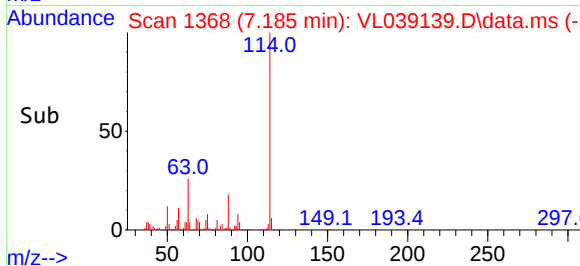


Tgt Ion:114 Resp: 3105129
Ion Ratio Lower Upper
114 100
63 27.9 21.7 32.5
88 18.7 14.8 22.2

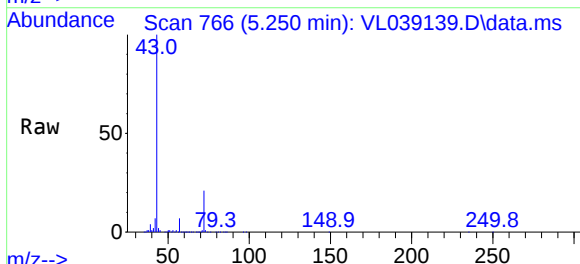
Manual Integrations

APPROVED

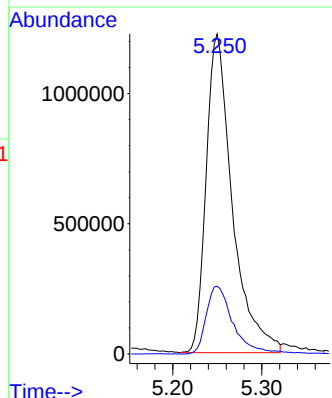
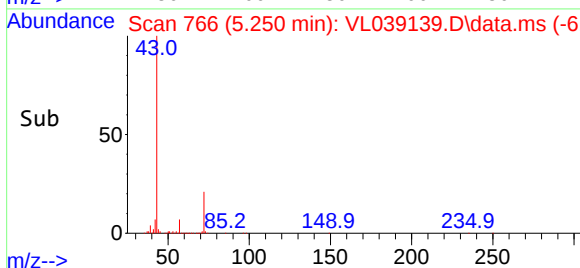
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

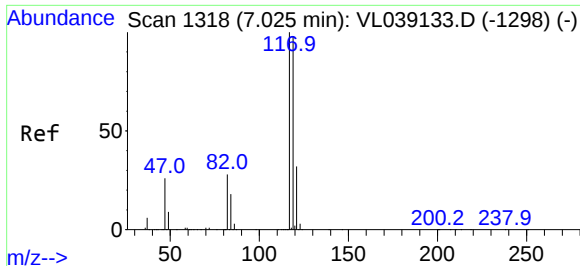


#34
2-Butanone
Concen: 15.739 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 43 Resp: 2493295
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.2





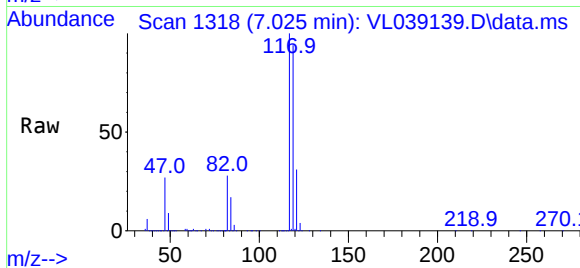
#35
Carbon Tetrachloride
Concen: 16.737 ppbv
RT: 7.025 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

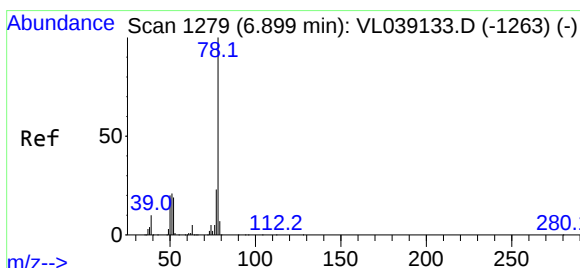
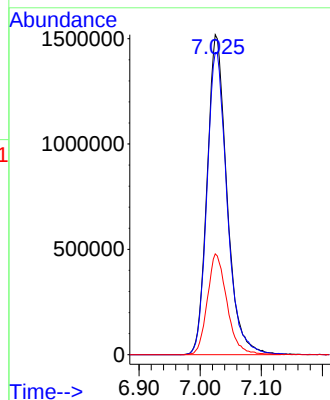
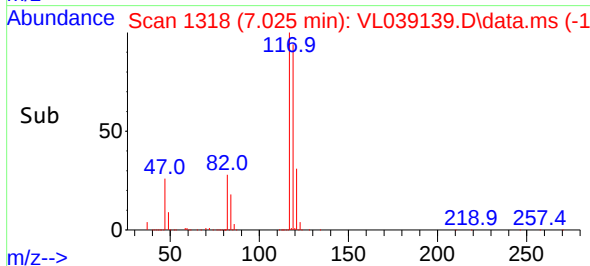


Tgt Ion:117 Resp: 342426
Ion Ratio Lower Upper
117 100
119 94.5 78.6 118.0
121 31.5 25.4 38.0

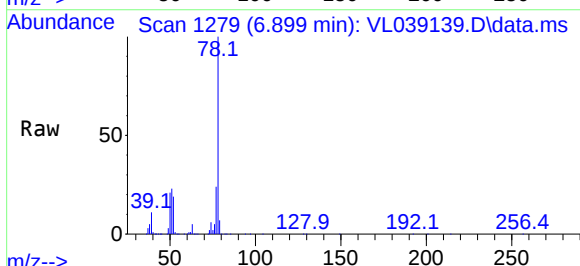
Manual Integrations

APPROVED

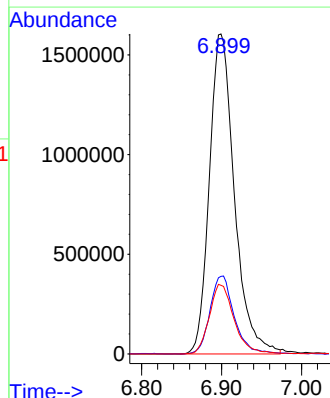
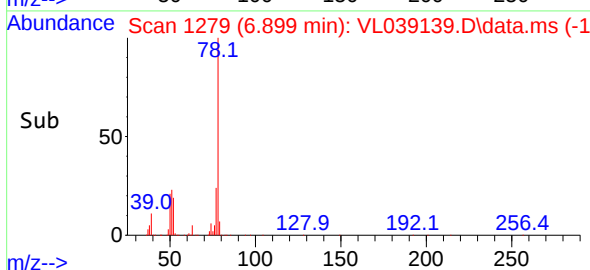
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

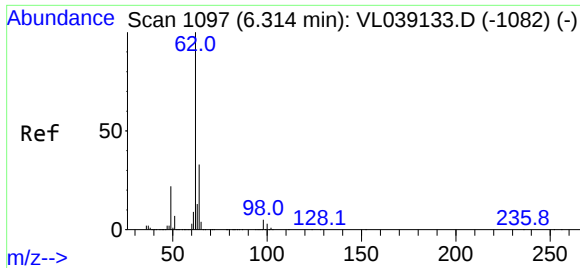


#36
Benzene
Concen: 13.149 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



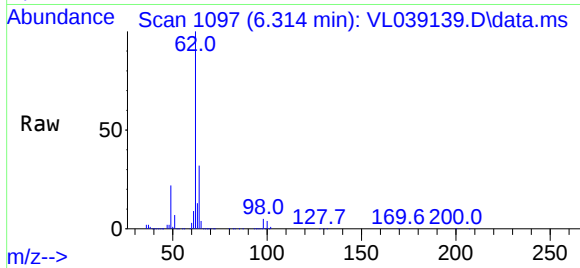
Tgt Ion: 78 Resp: 3494152
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8
50 21.4 15.8 23.8





#37
1,2-Dichloroethane
Concen: 15.324 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

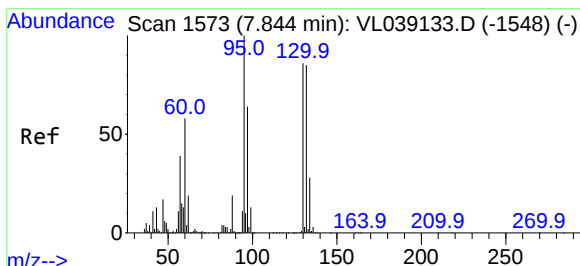
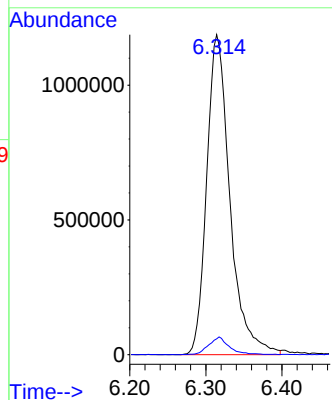
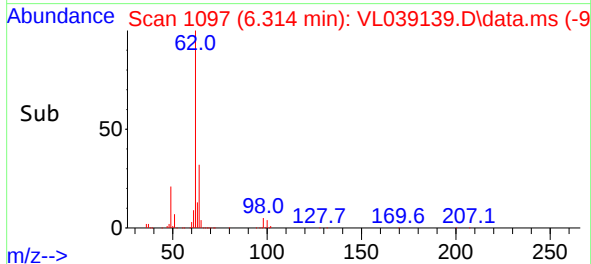
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



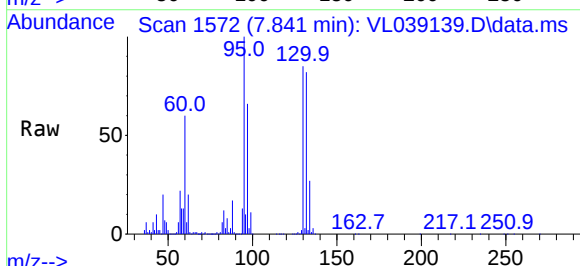
Tgt Ion: 62 Resp: 251952
Ion Ratio Lower Upper
62 100
98 5.0 4.3 6.5

Manual Integrations
APPROVED

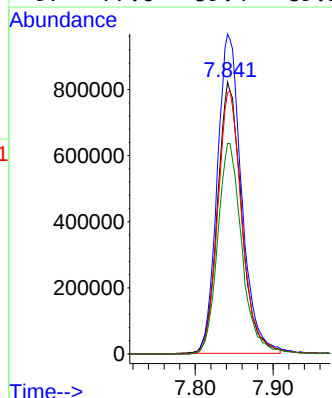
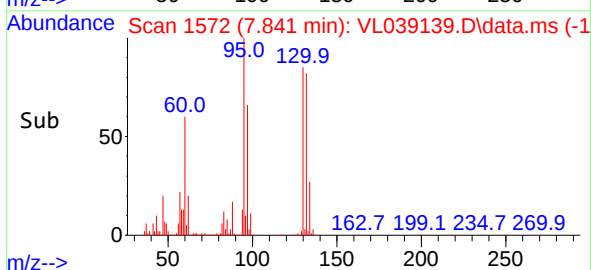
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

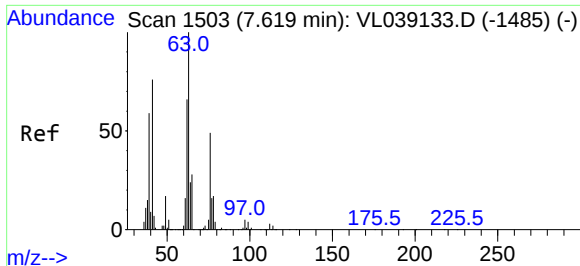


#38
Trichloroethene
Concen: 14.813 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion:130 Resp: 1749883
Ion Ratio Lower Upper
130 100
95 117.9 93.3 139.9
132 96.2 79.0 118.4
97 77.6 59.4 89.2





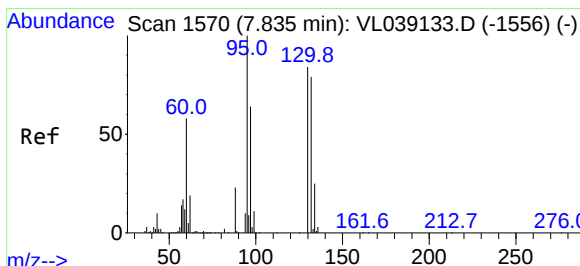
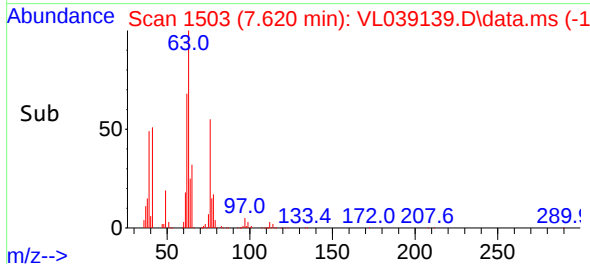
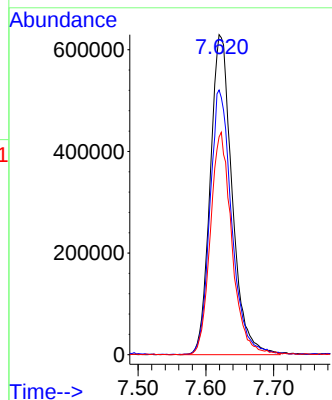
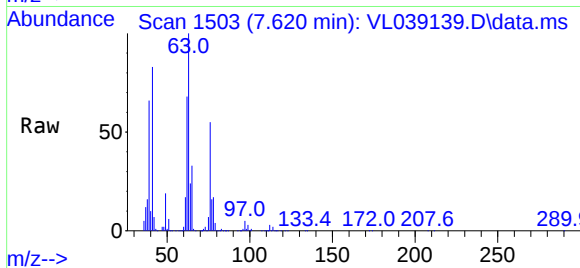
#39
1,2-Dichloropropane
Concen: 13.628 ppbv
RT: 7.620 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 1409120
Ion Ratio Lower Upper
63 100
41 82.5 60.8 91.2
62 68.0 52.9 79.3

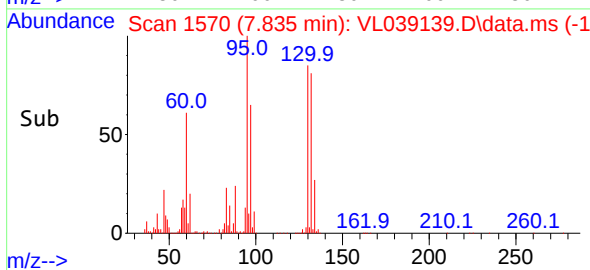
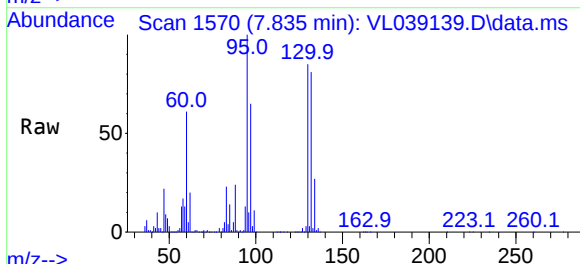
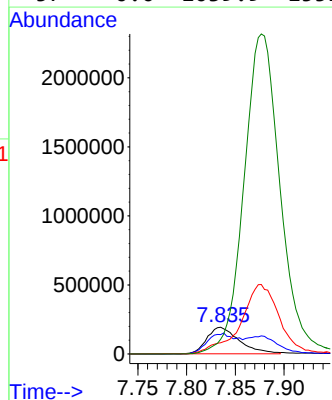
Manual Integrations
APPROVED

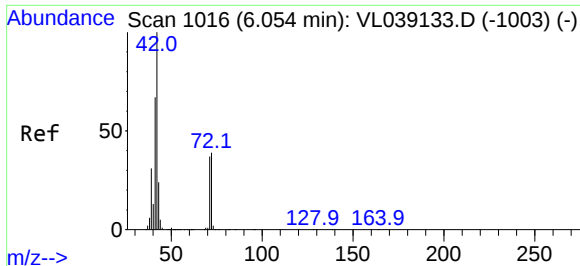
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#40
1,4-Dioxane
Concen: 11.929 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 88 Resp: 442985
Ion Ratio Lower Upper
88 100
58 77.6 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





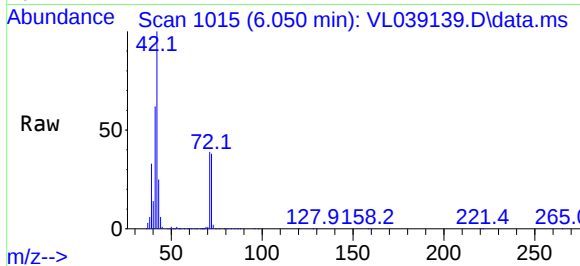
#41
Tetrahydrofuran
Concen: 13.372 ppbv
RT: 6.050 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



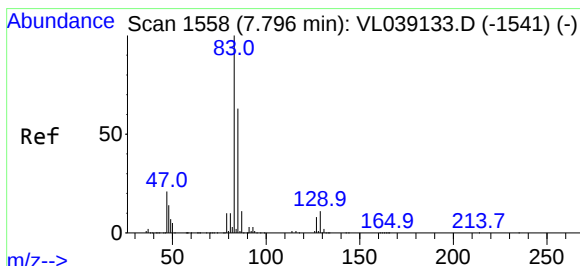
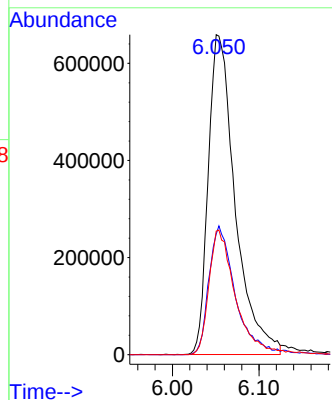
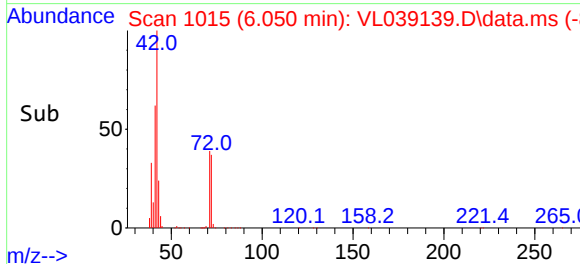
Tgt Ion: 42 Resp: 142373

Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.0	48.0
71	39.0	31.1	46.7

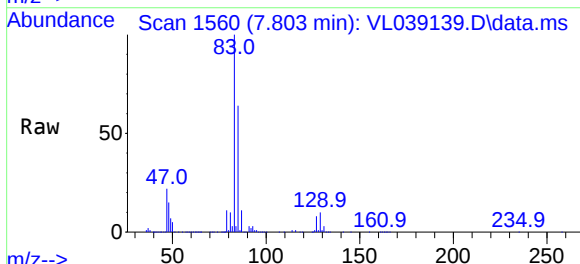
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

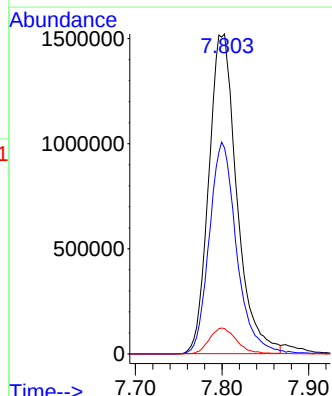
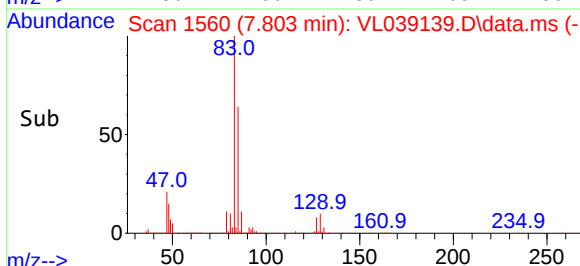


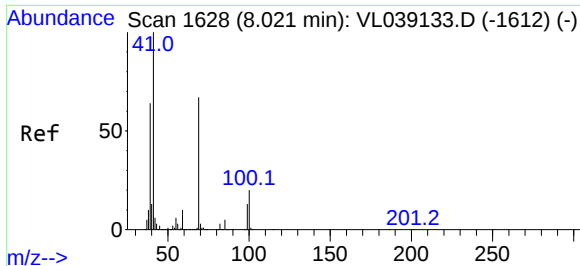
#42
Bromodichloromethane
Concen: 15.232 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.007 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 83 Resp: 3423891

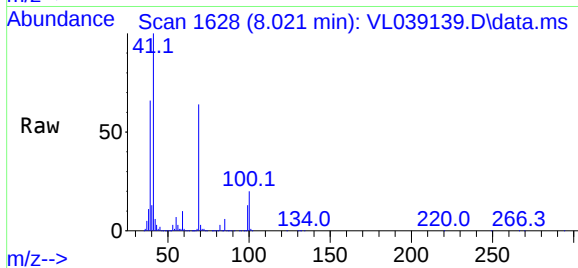
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4
127	8.0	6.6	9.8





#43
Methyl Methacrylate
Concen: 14.028 ppbv
RT: 8.021 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

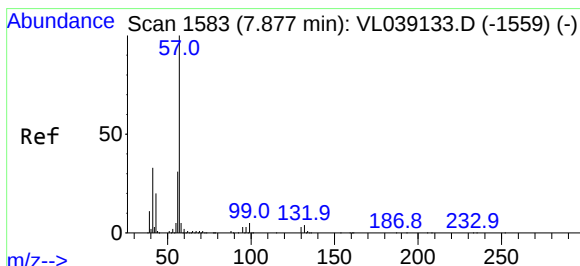
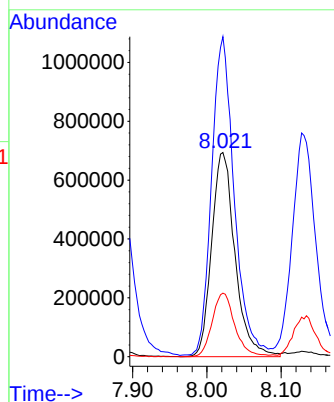
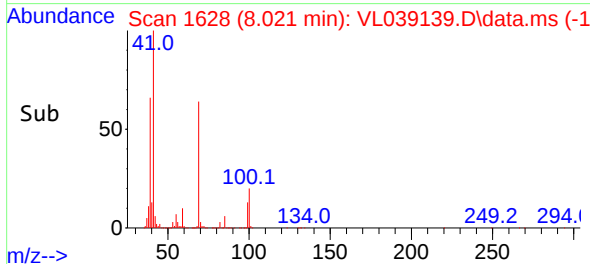
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



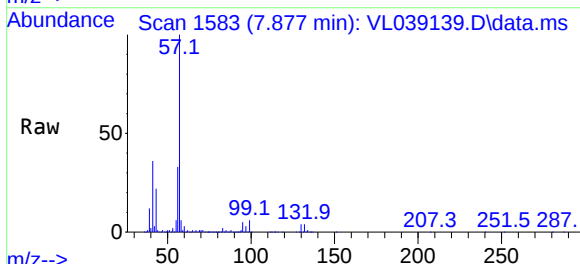
Tgt Ion: 69 Resp: 1513350
Ion Ratio Lower Upper
69 100
41 152.9 121.9 182.9
100 30.2 24.1 36.1

Manual Integrations
APPROVED

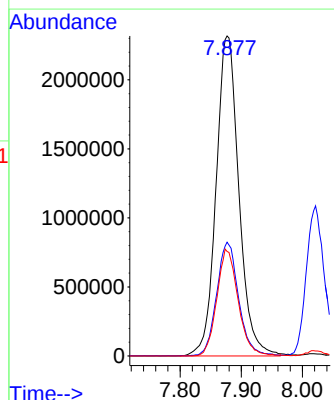
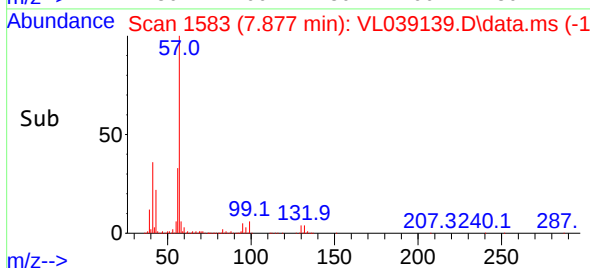
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

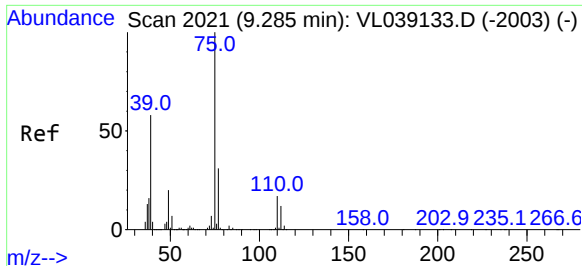


#44
2,2,4-Trimethylpentane
Concen: 12.853 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 57 Resp: 5993244
Ion Ratio Lower Upper
57 100
41 34.4 26.2 39.4
56 31.4 24.7 37.1





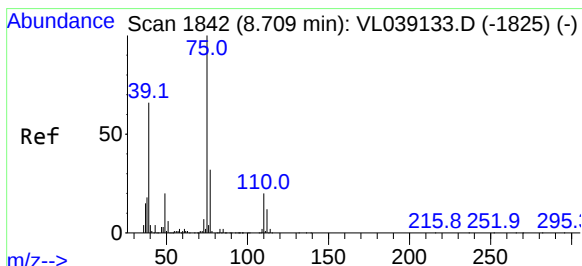
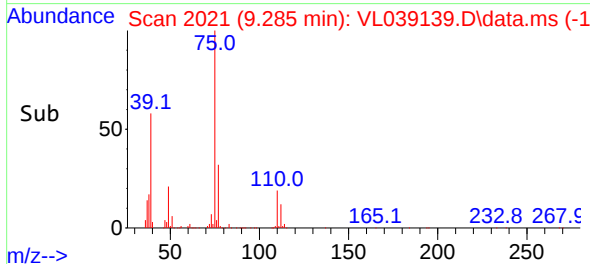
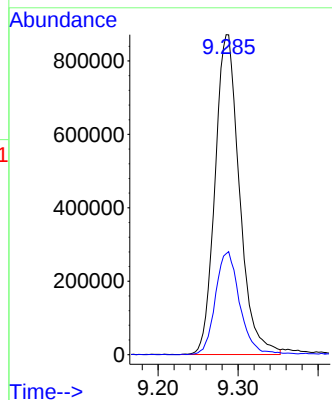
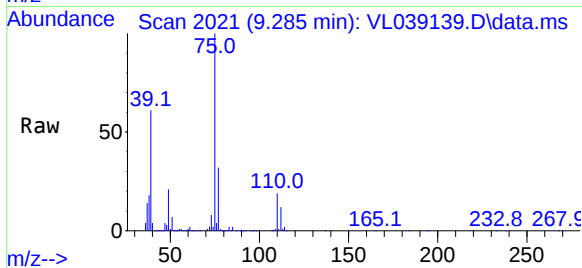
#45
t-1,3-Dichloropropene
Concen: 17.652 ppbv
RT: 9.285 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 184336
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6

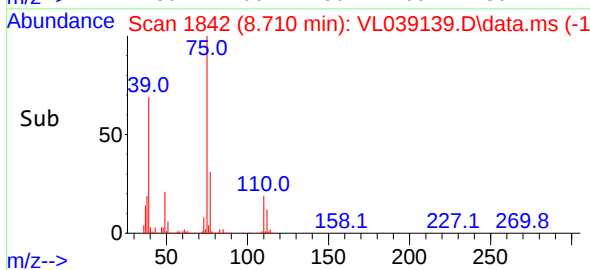
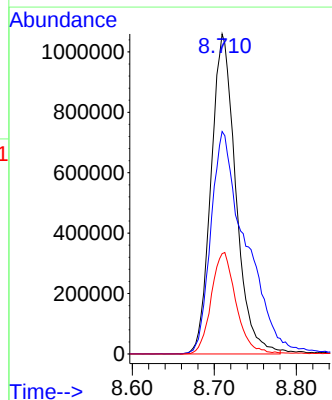
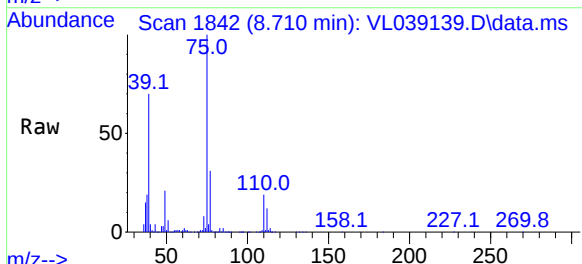
Manual Integrations
APPROVED

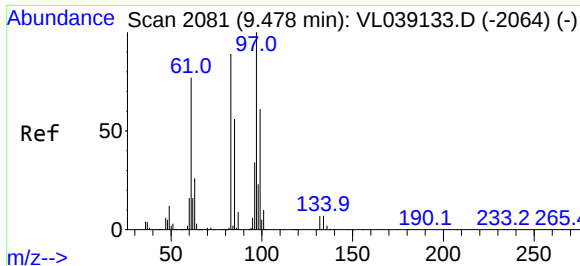
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#46
cis-1,3-Dichloropropene
Concen: 15.998 ppbv
RT: 8.710 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 75 Resp: 2215388
Ion Ratio Lower Upper
75 100
39 69.5 52.4 78.6
77 31.3 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 13.998 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :

MSVOA_L

ClientSampleId :

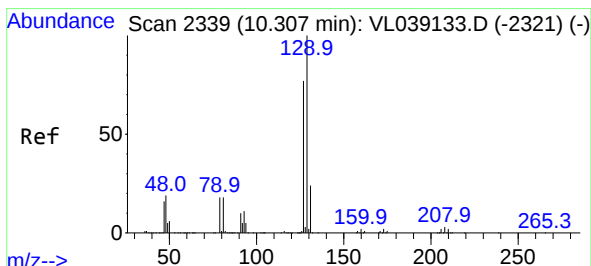
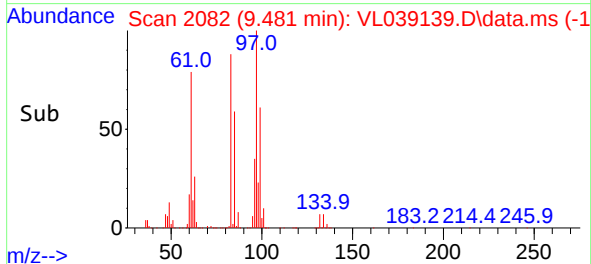
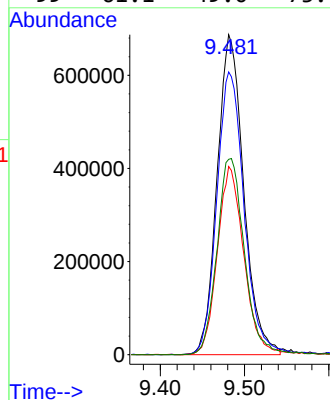
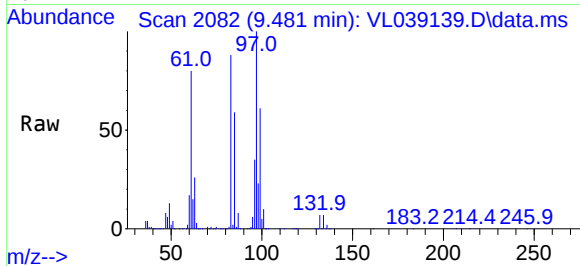
VSTDIC015

Tgt Ion: 97 Resp: 150532
Ion Ratio Lower Upper
97 100
83 88.3 71.6 107.4
85 58.8 44.8 67.2
99 61.1 49.0 73.4

Manual Integrations

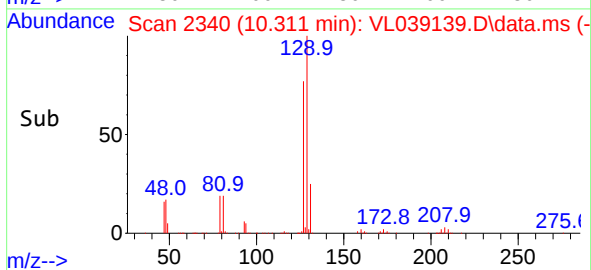
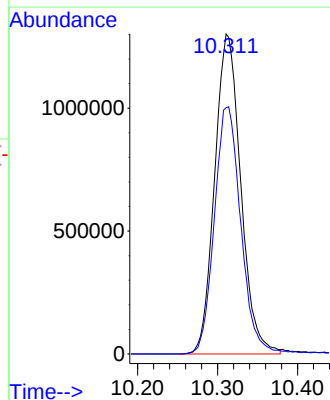
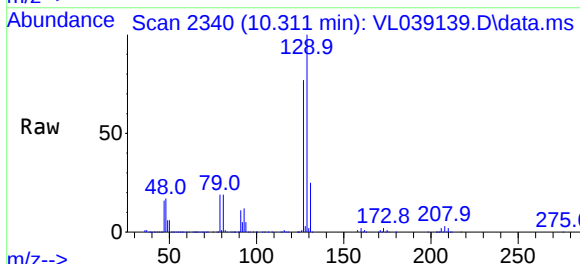
APPROVED

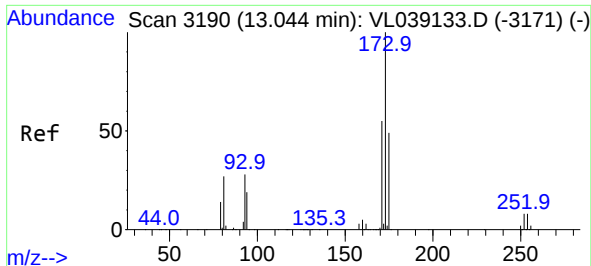
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
Dibromochloromethane
Concen: 16.854 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:129 Resp: 2949932
Ion Ratio Lower Upper
129 100
127 79.1 40.0 119.9





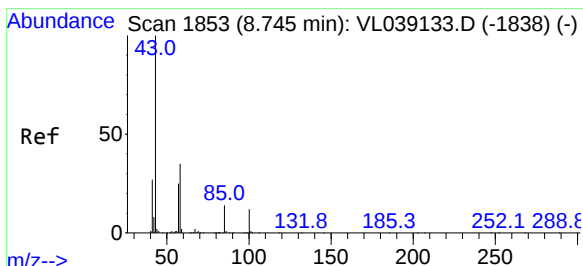
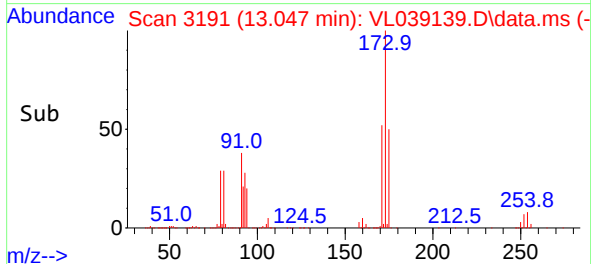
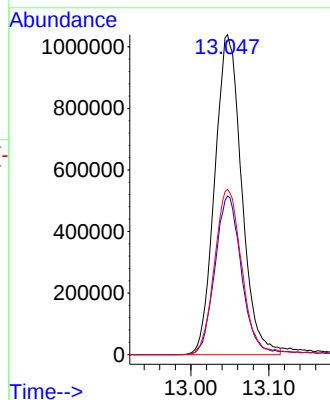
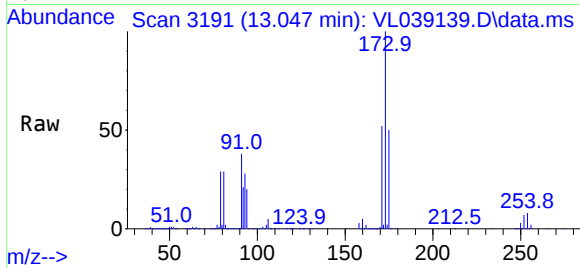
#49
Bromoform
Concen: 18.652 ppbv
RT: 13.047 min Scan# 3190
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2489760
Ion Ratio Lower Upper
173 100
175 50.8 40.2 60.2
171 53.5 43.9 65.9

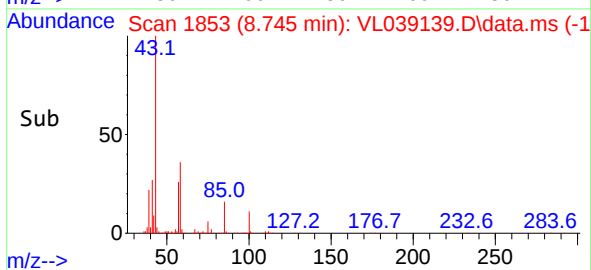
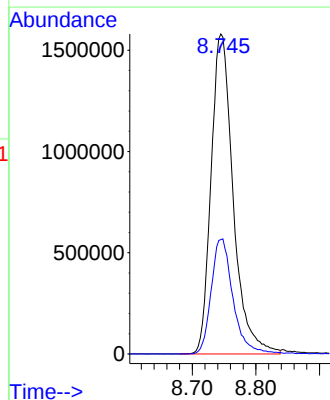
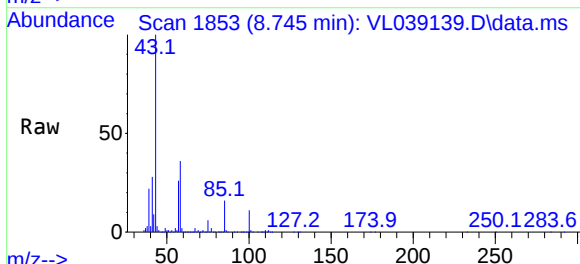
Manual Integrations
APPROVED

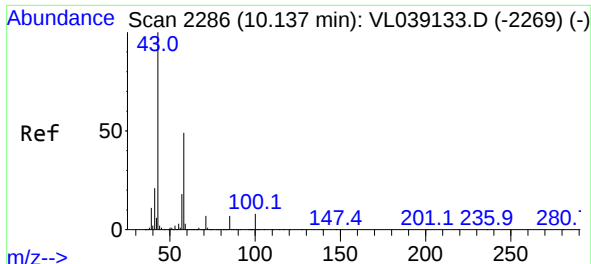
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#50
4-Methyl-2-Pentanone
Concen: 13.744 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

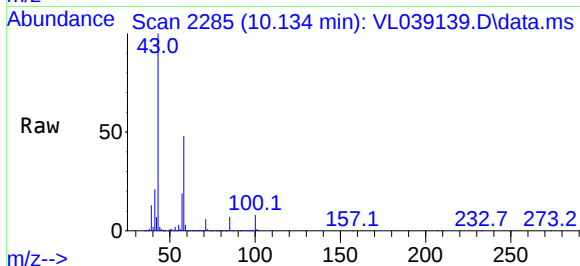
Tgt Ion: 43 Resp: 3818023
Ion Ratio Lower Upper
43 100
58 35.7 28.7 43.1





#51
2-Hexanone
Concen: 15.023 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

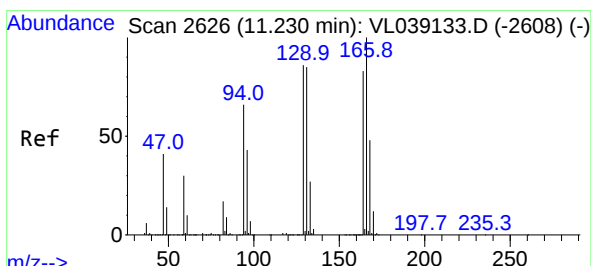
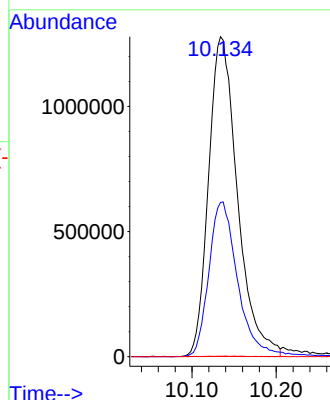
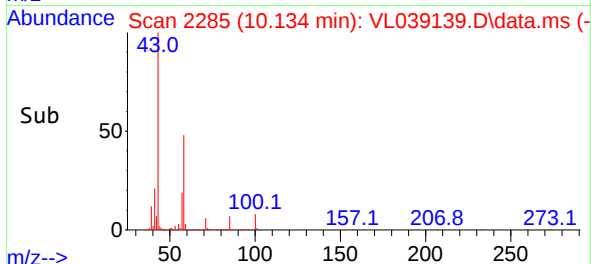
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



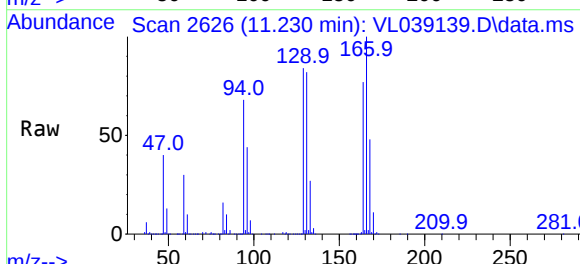
Tgt Ion: 43 Resp: 304587
Ion Ratio Lower Upper
43 100
58 48.9 40.0 60.0
98 0.2 0.1 0.1

Manual Integrations
APPROVED

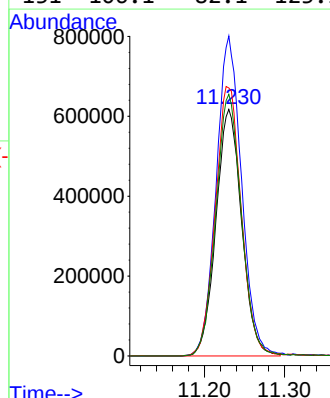
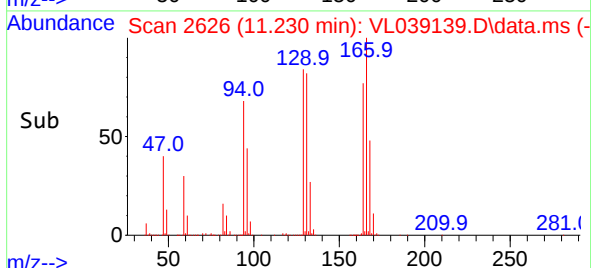
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

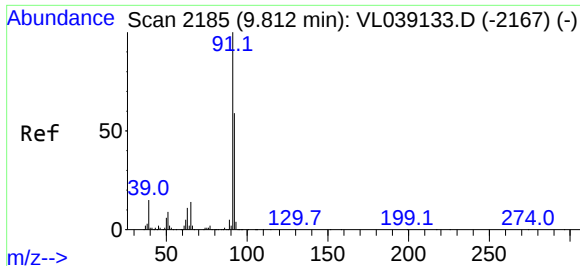


#52
Tetrachloroethene
Concen: 14.485 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



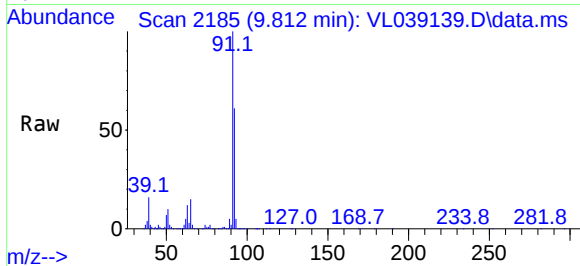
Tgt Ion:164 Resp: 1375537
Ion Ratio Lower Upper
164 100
166 129.8 96.3 144.5
129 108.6 82.5 123.7
131 106.1 82.1 123.1





#53
Toluene
Concen: 14.052 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

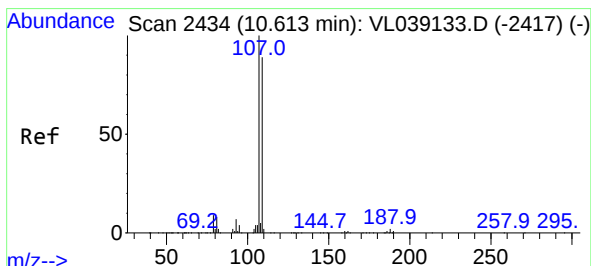
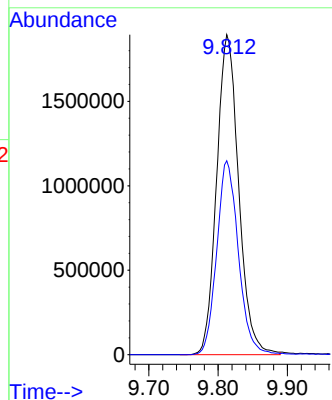
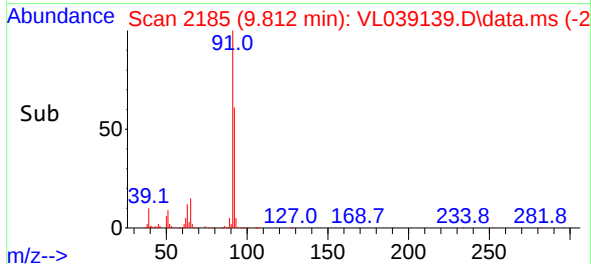
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



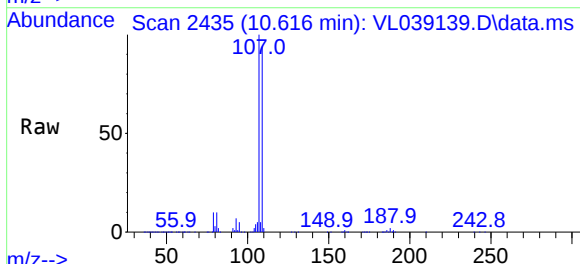
Tgt Ion: 91 Resp: 4185340
Ion Ratio Lower Upper
91 100
92 59.7 48.1 72.1

Manual Integrations
APPROVED

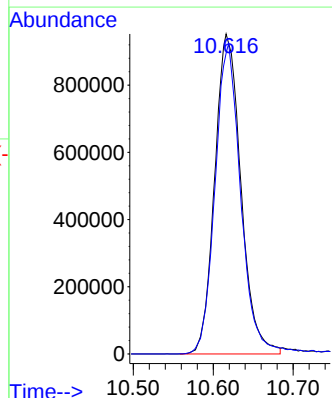
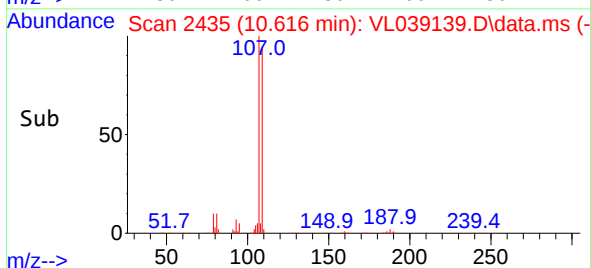
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

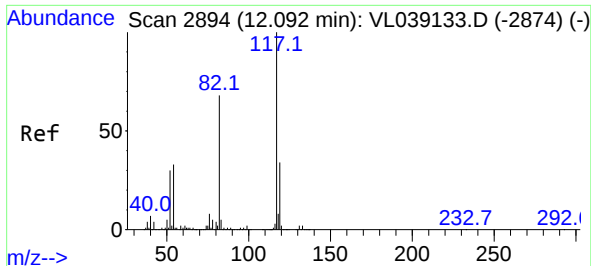


#54
1,2-Dibromoethane
Concen: 14.794 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



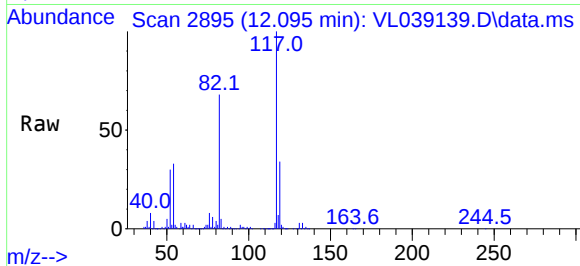
Tgt Ion:107 Resp: 2165827
Ion Ratio Lower Upper
107 100
109 94.0 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

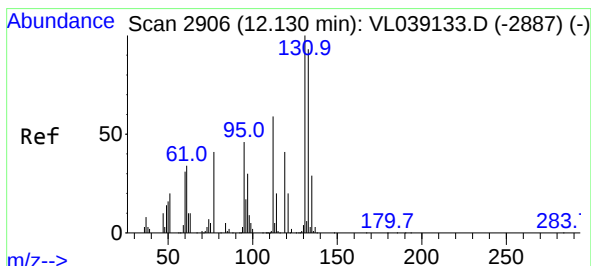
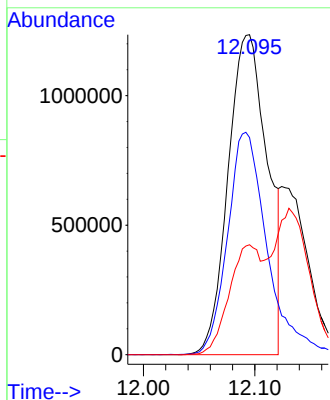
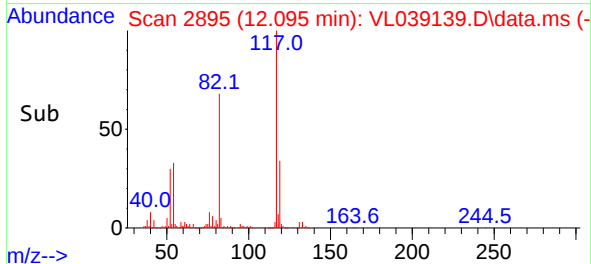
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



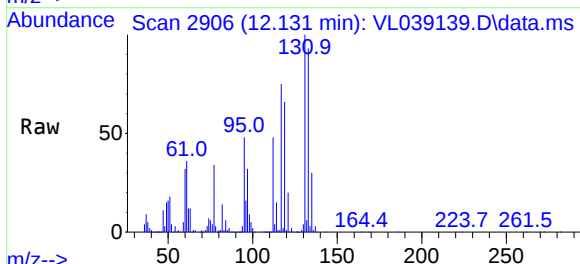
Tgt Ion:117 Resp: 3033100
Ion Ratio Lower Upper
117 100
82 71.4 55.1 82.7
119 0.0 24.7 37.1

Manual Integrations
APPROVED

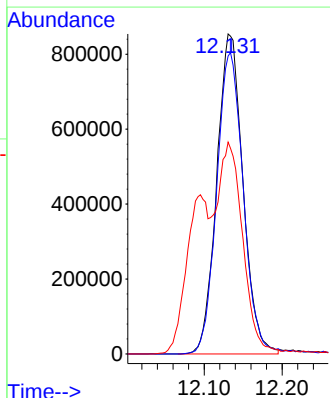
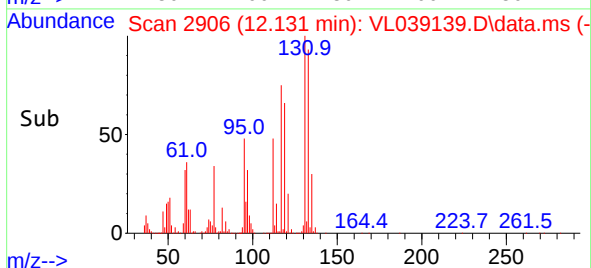
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

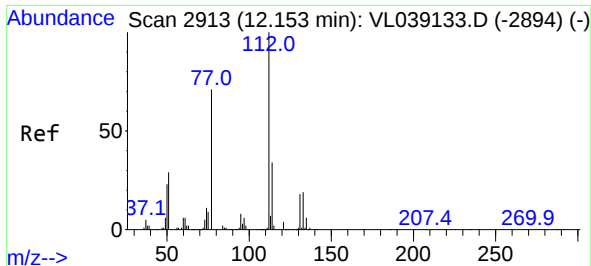


#56
1,1,1,2-Tetrachloroethane
Concen: 14.953 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



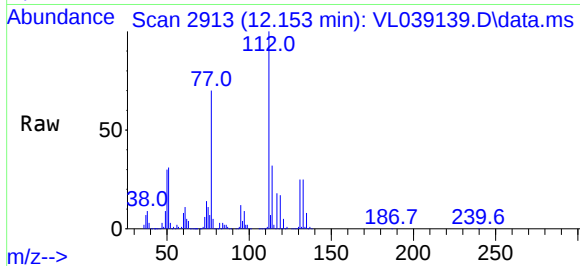
Tgt Ion:131 Resp: 1989952
Ion Ratio Lower Upper
131 100
133 97.6 78.6 117.8
119 110.8 51.7 77.5





#57
Chlorobenzene
Concen: 13.841 ppbv
RT: 12.153 min Scan# 2913
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

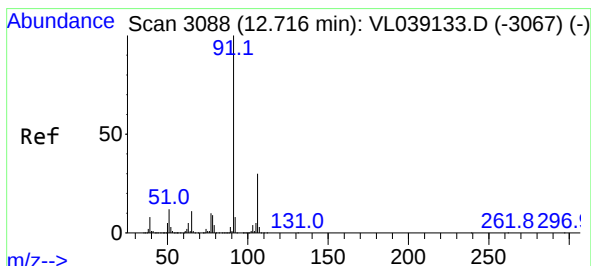
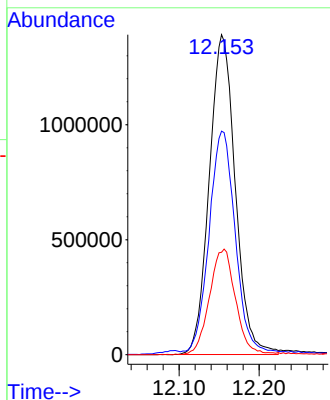
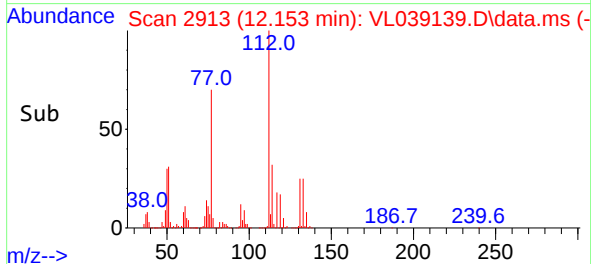
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



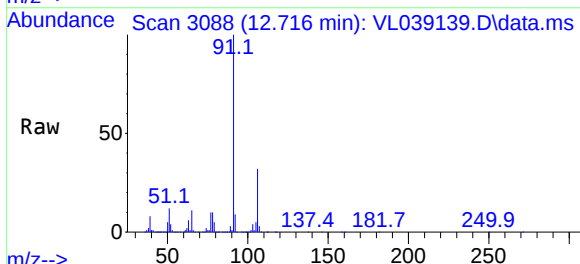
Tgt Ion:112 Resp: 3146897
Ion Ratio Lower Upper
112 100
77 68.9 56.5 84.7
114 31.9 30.3 37.1

Manual Integrations
APPROVED

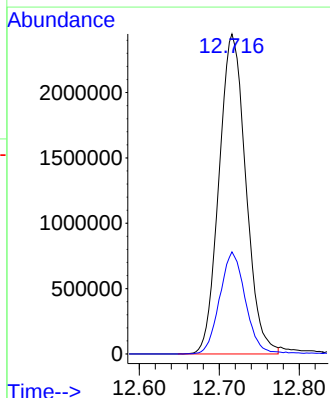
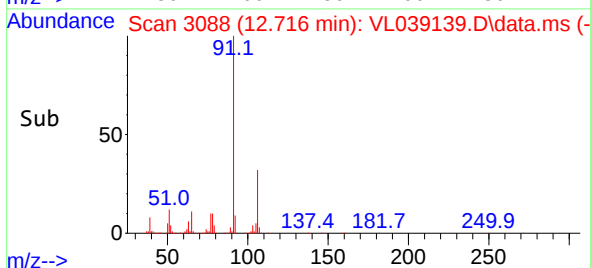
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

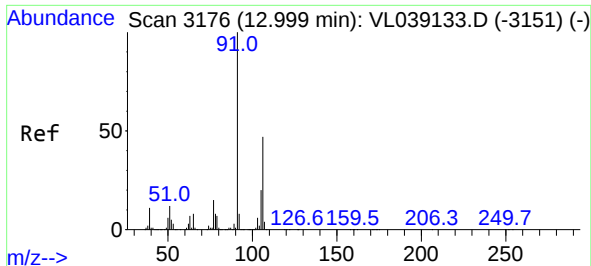


#58
Ethyl Benzene
Concen: 13.035 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion: 91 Resp: 5690007
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4





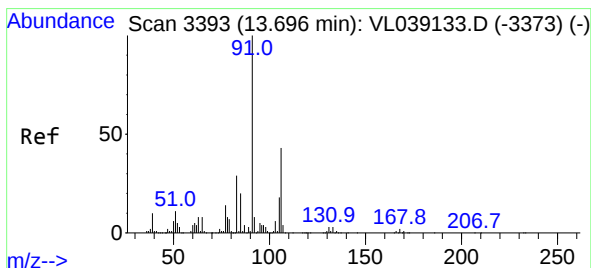
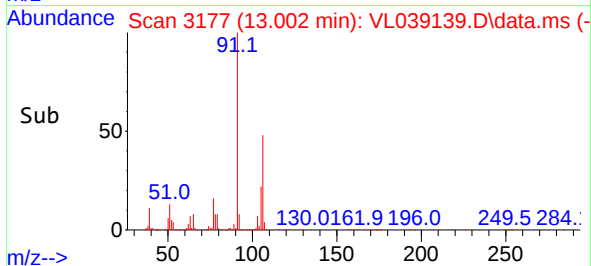
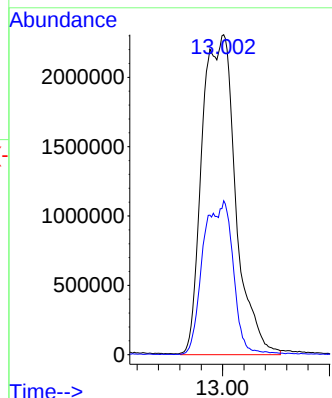
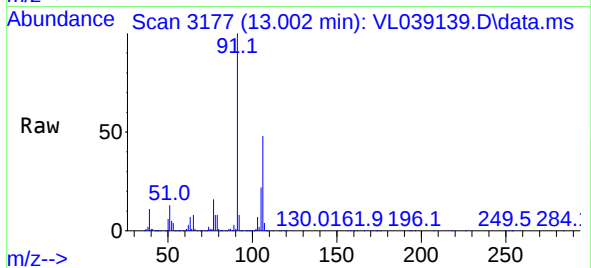
#59
m/p-Xylene
Concen: 26.958 ppbv m
RT: 13.002 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp:1004570
Ion Ratio Lower Upper
91 100
106 43.3 34.3 51.5

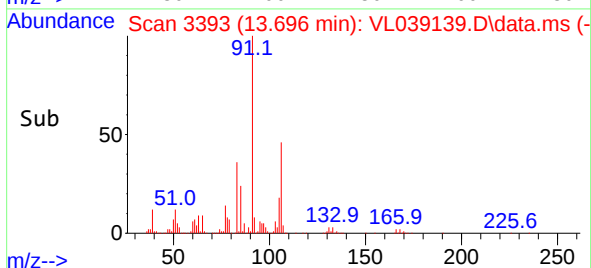
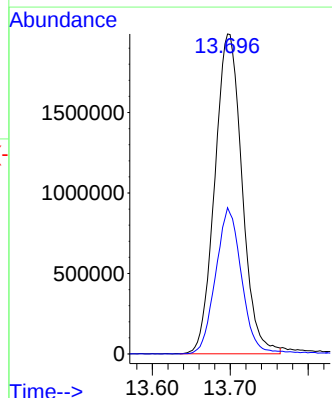
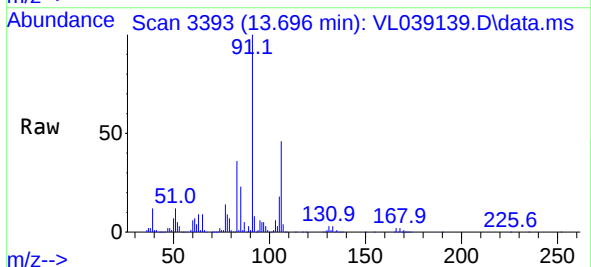
Manual Integrations
APPROVED

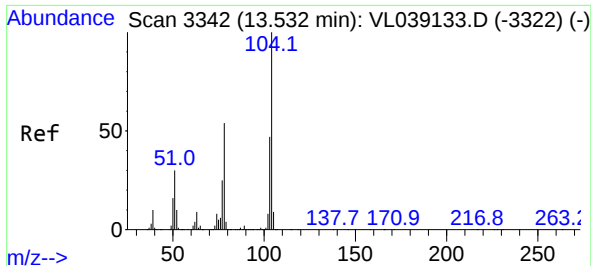
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#60
o-Xylene
Concen: 13.747 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

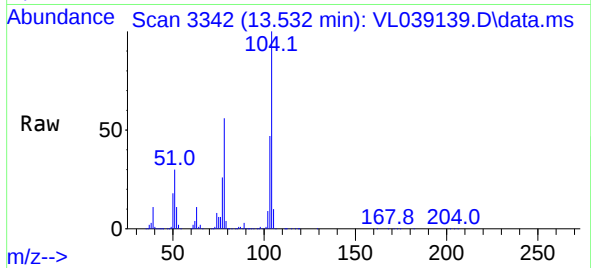
Tgt Ion: 91 Resp: 4821534
Ion Ratio Lower Upper
91 100
106 44.2 22.3 66.9





#61
Styrene
Concen: 14.857 ppbv
RT: 13.532 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

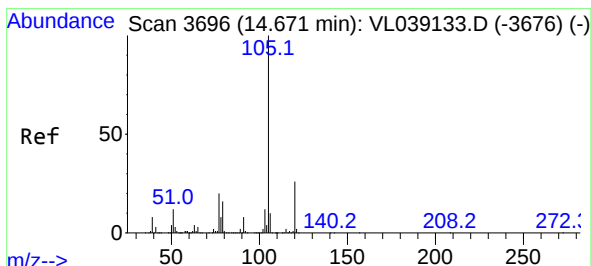
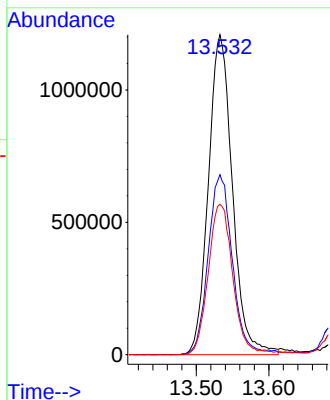
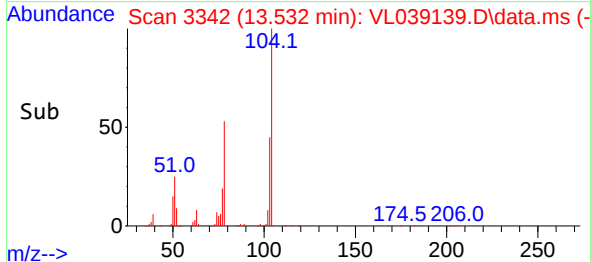
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



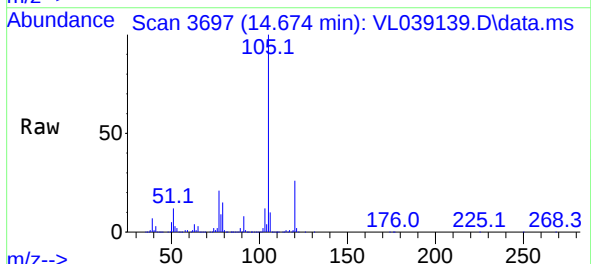
Tgt Ion:104 Resp: 2781752
Ion Ratio Lower Upper
104 100
78 57.3 45.7 68.5
103 48.8 39.6 59.4

Manual Integrations
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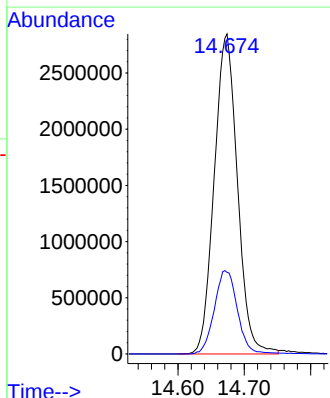
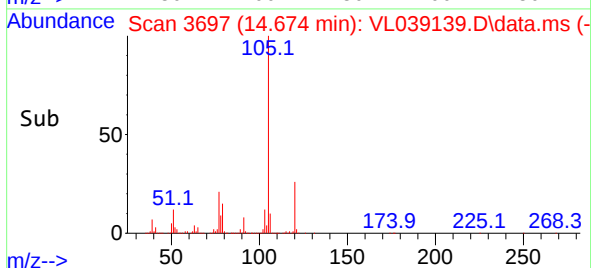
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

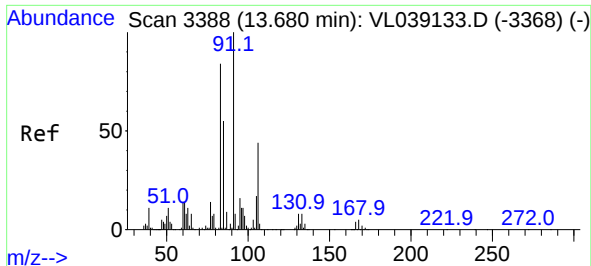


#62
Isopropylbenzene
Concen: 13.479 ppbv
RT: 14.674 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



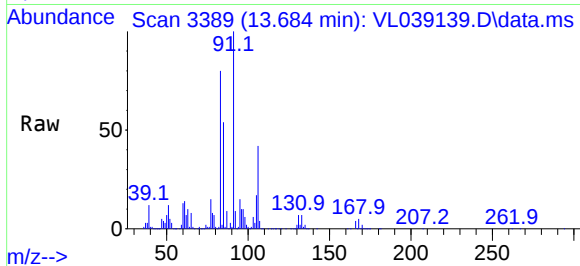
Tgt Ion:105 Resp: 6913416
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.566 ppbv
RT: 13.684 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

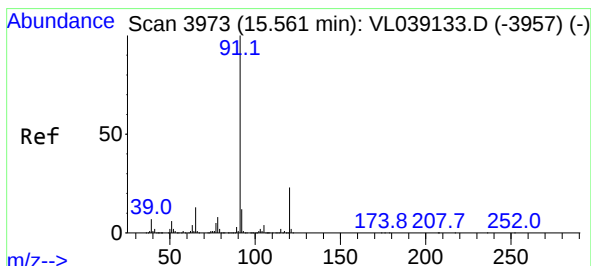
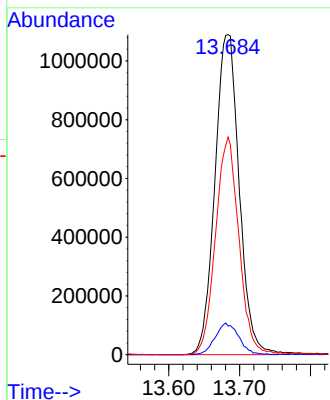
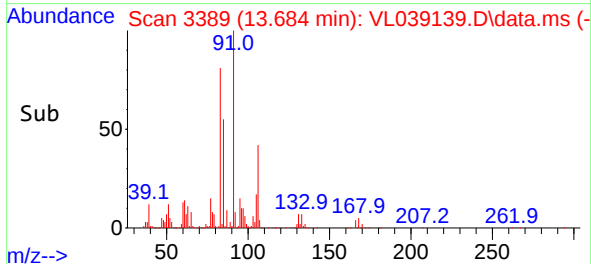
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



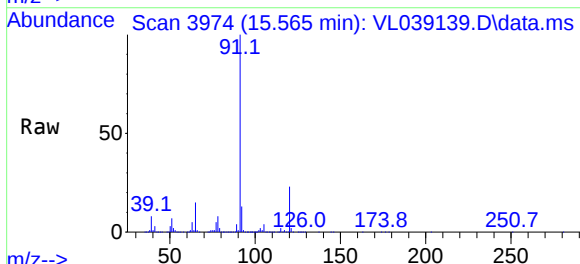
Tgt Ion: 83 Resp: 2595234
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 66.0 33.0 99.0

Manual Integrations
APPROVED

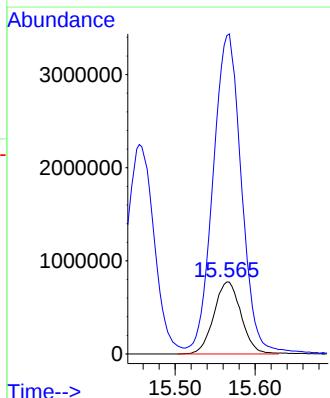
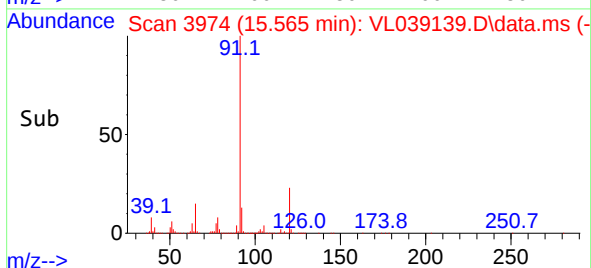
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

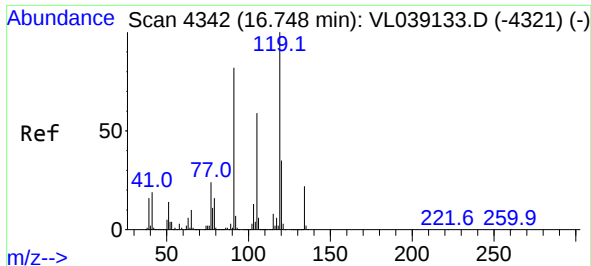


#64
n-propylbenzene
Concen: 14.725 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



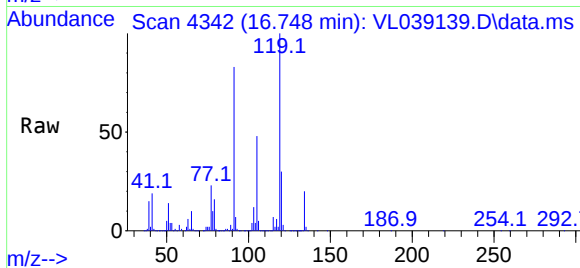
Tgt Ion:120 Resp: 1825935
Ion Ratio Lower Upper
120 100
91 467.6 388.4 582.6





#65
tert-Butylbenzene
Concen: 14.111 ppbv
RT: 16.748 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

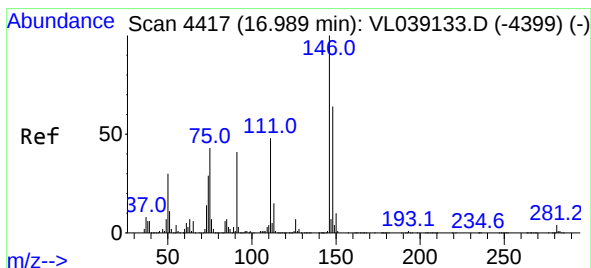
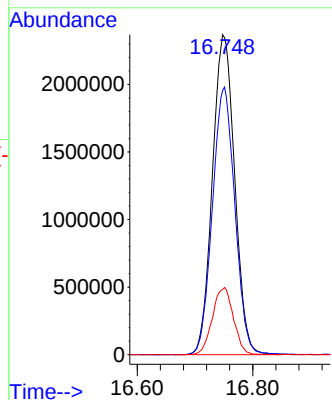
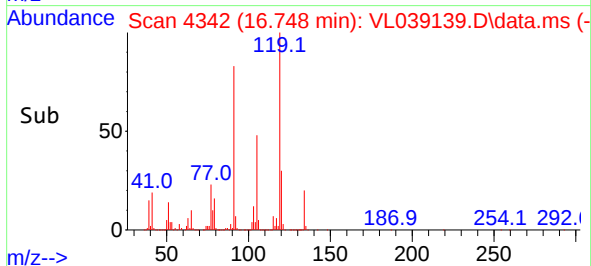
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



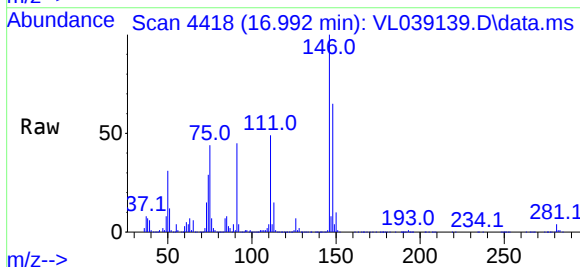
Tgt Ion:119 Resp: 634122
Ion Ratio Lower Upper
119 100
91 84.3 67.1 100.7
134 19.8 15.8 23.8

Manual Integrations
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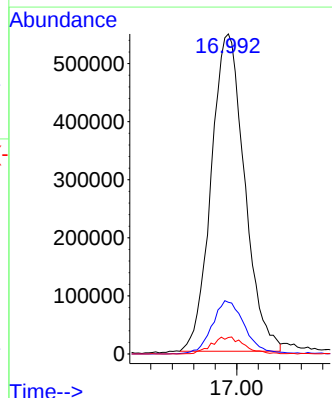
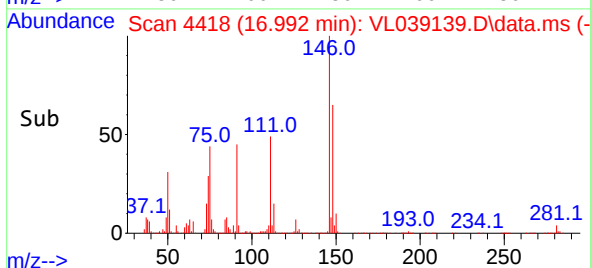
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

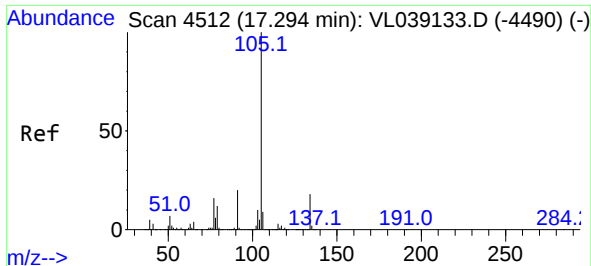


#66
Benzyl Chloride
Concen: 20.068 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



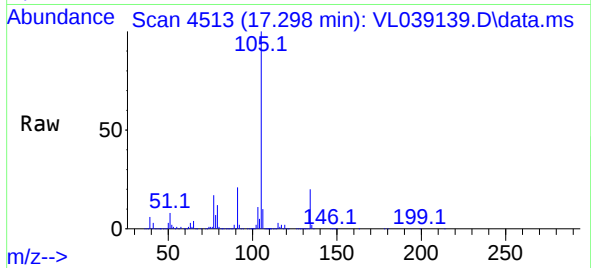
Tgt Ion: 91 Resp: 1178847
Ion Ratio Lower Upper
91 100
126 16.6 13.4 20.0
128 5.4 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 13.583 ppbv
 RT: 17.298 min Scan# 4513
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

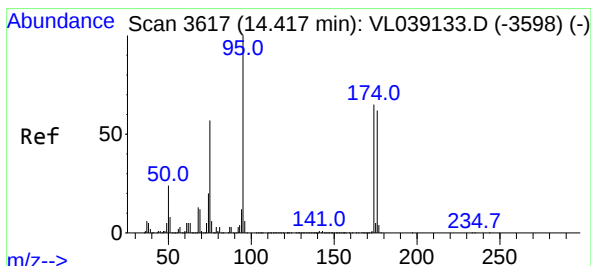
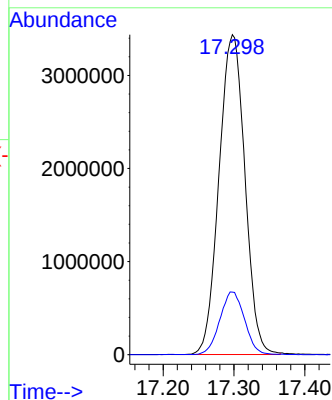
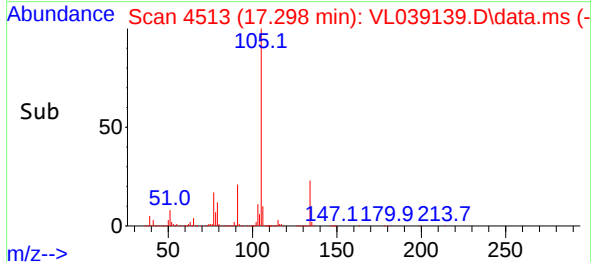
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



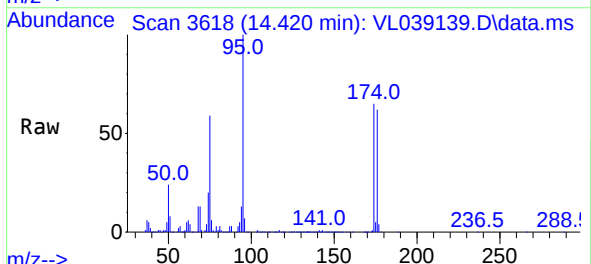
Tgt Ion:105 Resp: 8720828
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.4 21.6

Manual Integrations
 APPROVED

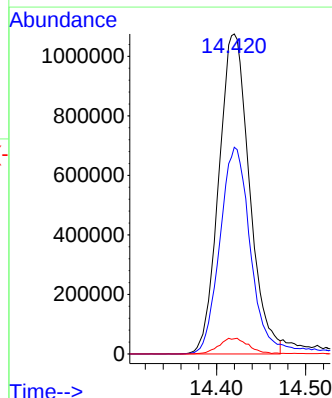
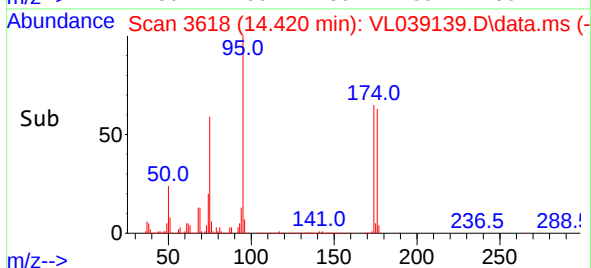
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

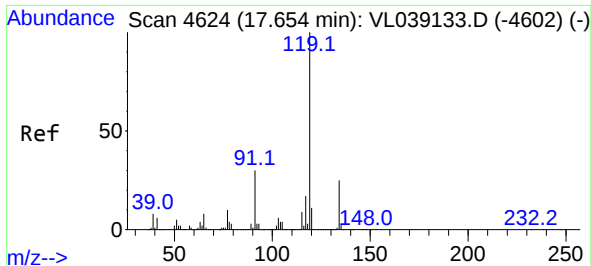


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.690 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28



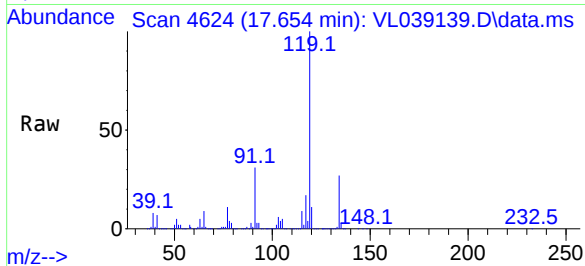
Tgt Ion: 95 Resp: 2567731
 Ion Ratio Lower Upper
 95 100
 174 67.0 53.8 80.8
 175 4.9 4.1 6.1





#69
 p-Isopropyltoluene
 Concen: 14.182 ppbv
 RT: 17.654 min Scan# 4624
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

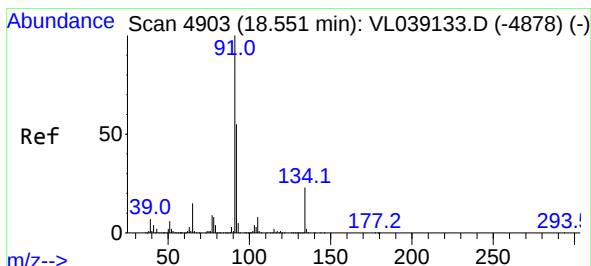
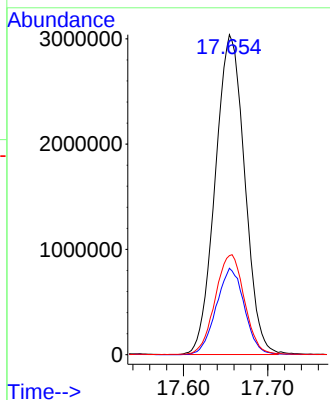
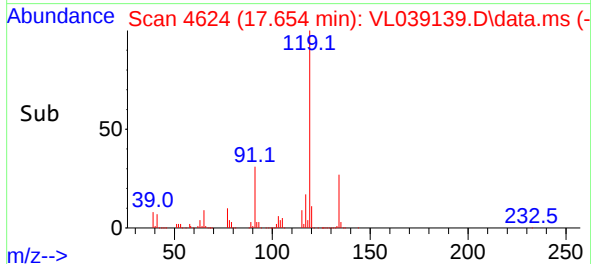
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



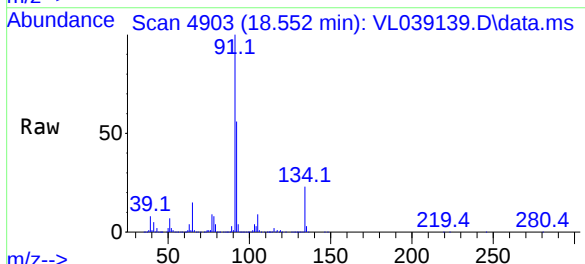
Tgt Ion: 119 Resp: 7356079
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.4 30.6
 91 31.2 24.2 36.4

Manual Integrations
 APPROVED

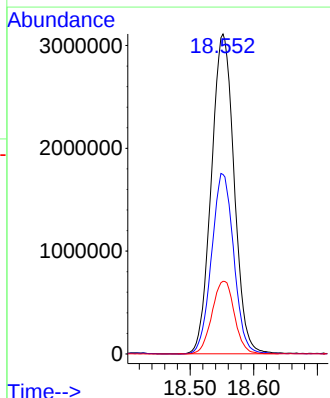
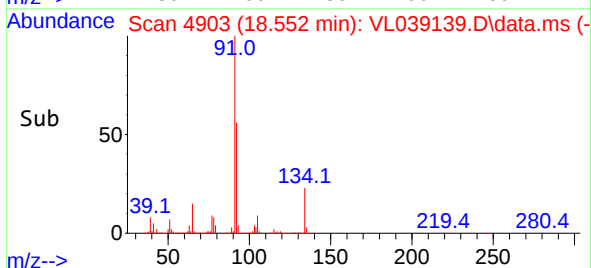
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

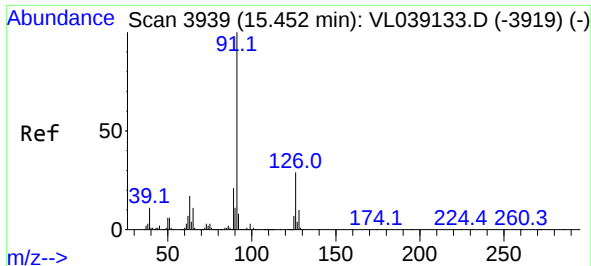


#70
 n-Butylbenzene
 Concen: 14.036 ppbv
 RT: 18.552 min Scan# 4903
 Delta R.T. 0.000 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28



Tgt Ion: 91 Resp: 7734785
 Ion Ratio Lower Upper
 91 100
 92 55.2 43.6 65.4
 134 22.5 17.7 26.5





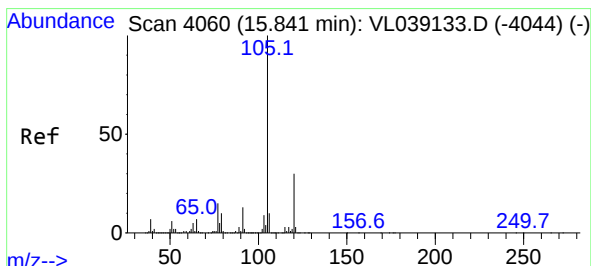
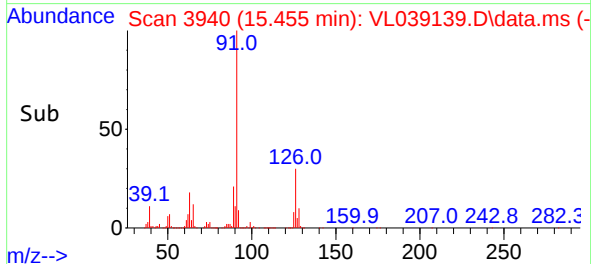
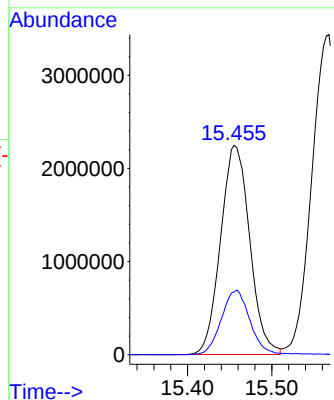
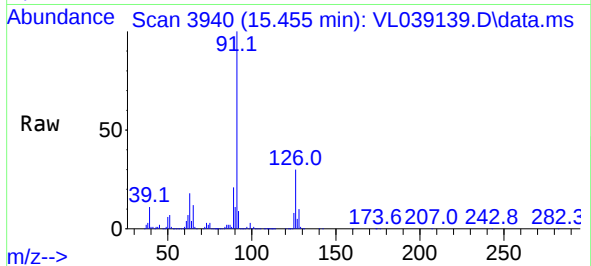
#71
2-Chlorotoluene
Concen: 13.661 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 5401250
Ion Ratio Lower Upper
91 100
126 30.6 12.2 48.6

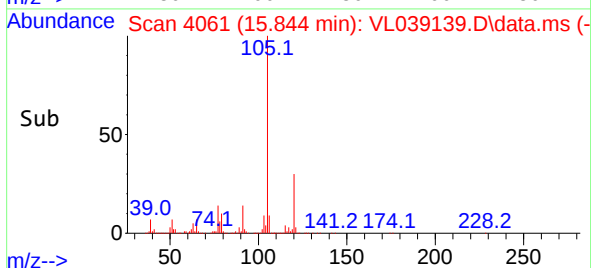
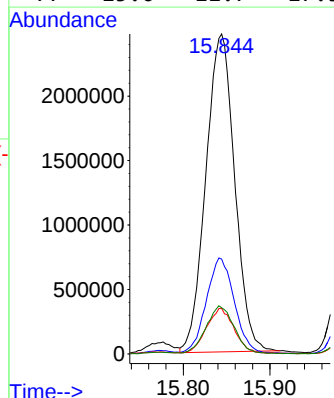
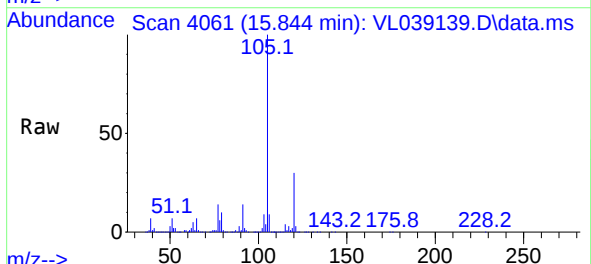
Manual Integrations
APPROVED

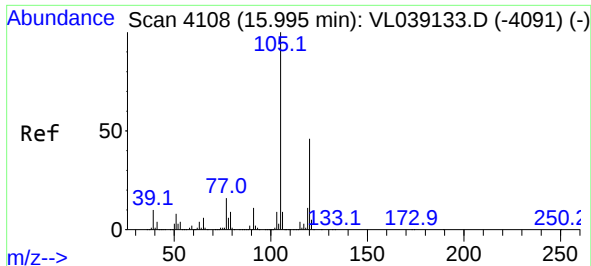
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#72
4-Ethyltoluene
Concen: 14.283 ppbv
RT: 15.844 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

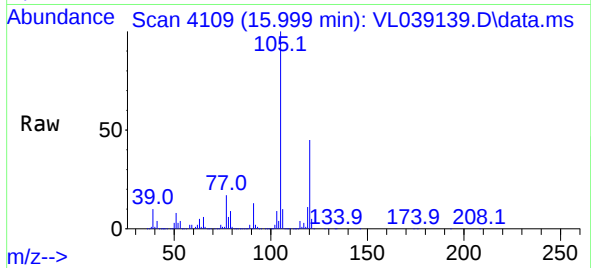
Tgt Ion:105 Resp: 5708114
Ion Ratio Lower Upper
105 100
120 29.9 23.9 35.9
91 14.0 10.6 16.0
77 15.0 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 14.440 ppbv
RT: 15.999 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

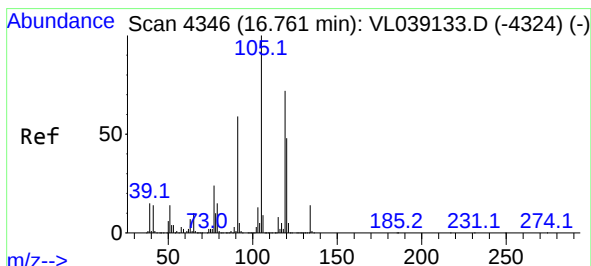
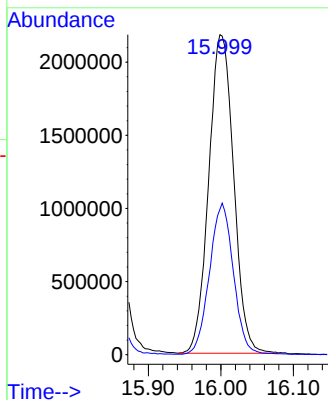
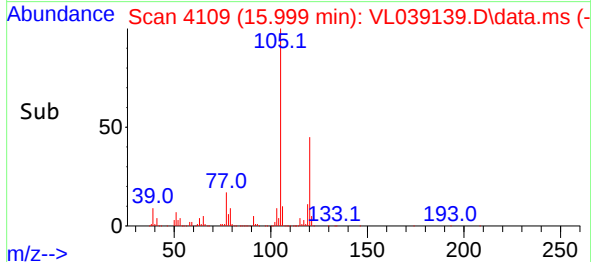
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



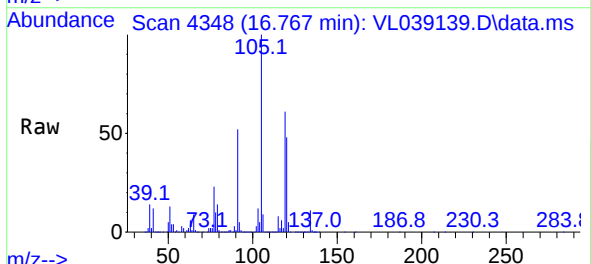
Tgt Ion:105 Resp: 5195428
Ion Ratio Lower Upper
105 100
120 45.5 36.7 55.1

Manual Integrations
APPROVED

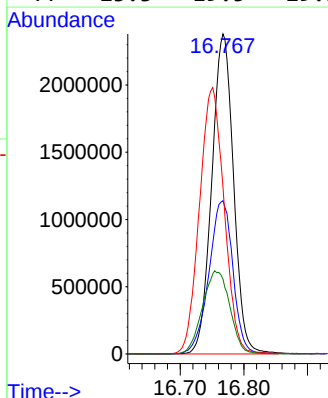
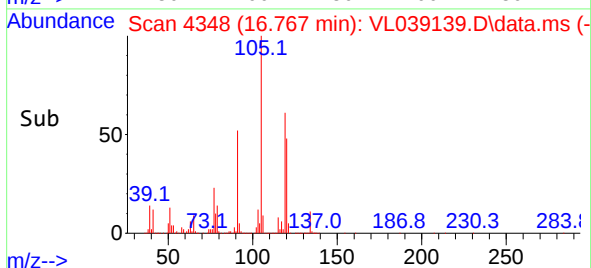
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

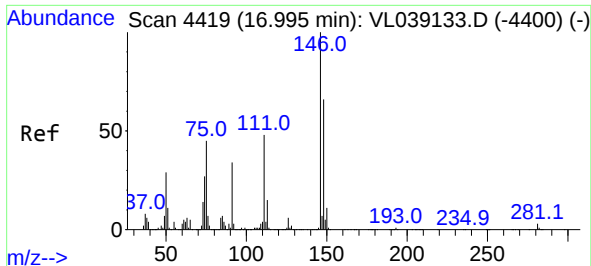


#74
1,2,4-Trimethylbenzene
Concen: 14.327 ppbv
RT: 16.767 min Scan# 4348
Delta R.T. 0.007 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion:105 Resp: 5644220
Ion Ratio Lower Upper
105 100
120 47.8 38.1 57.1
91 51.9 47.4 71.0
77 23.3 19.5 29.3





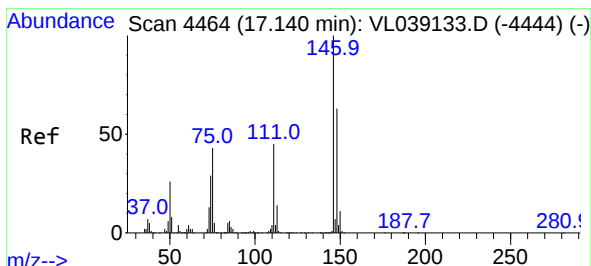
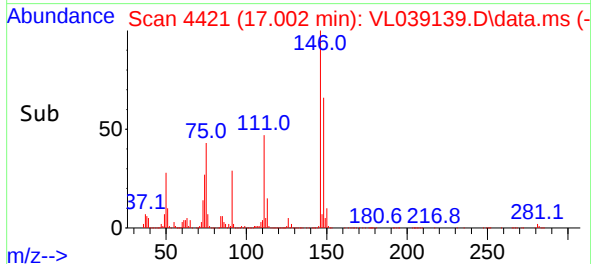
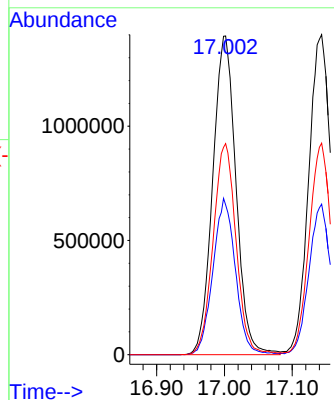
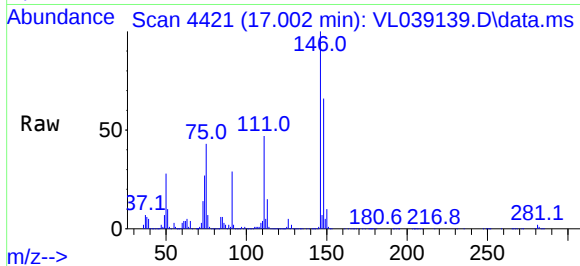
#75
1,3-Dichlorobenzene
Concen: 15.395 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.007 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 3323084
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.4
148 65.3 32.4 97.0

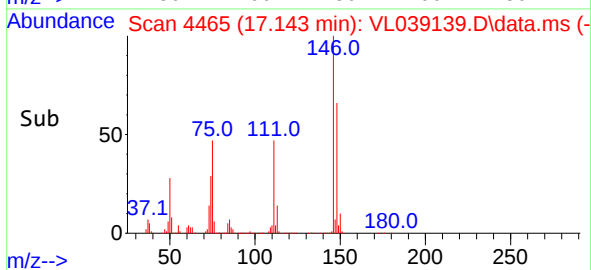
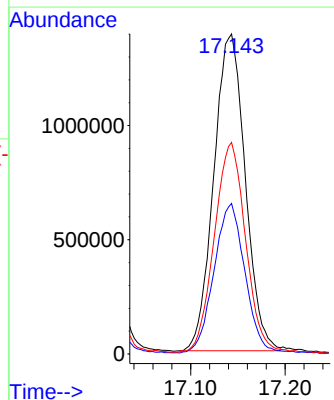
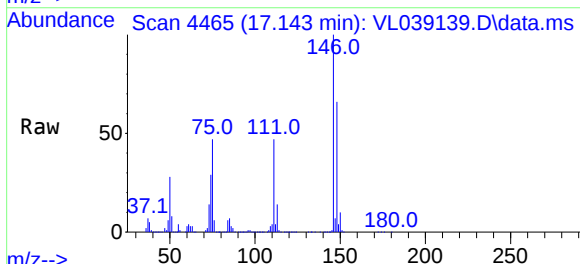
Manual Integrations
APPROVED

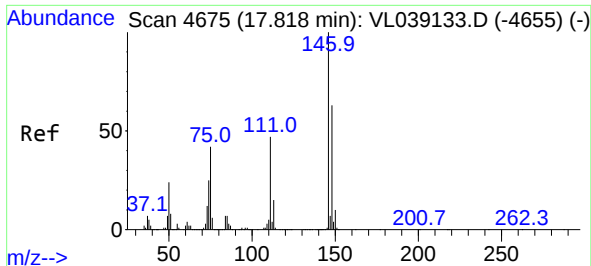
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,4-Dichlorobenzene
Concen: 15.084 ppbv
RT: 17.143 min Scan# 4465
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

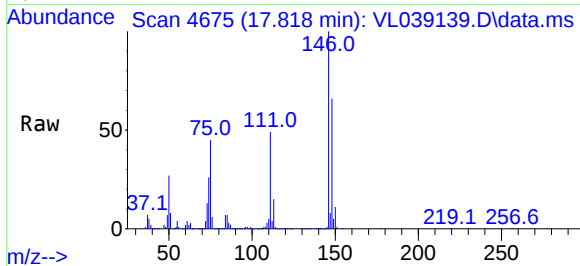
Tgt Ion:146 Resp: 3202989
Ion Ratio Lower Upper
146 100
111 47.3 23.6 71.0
148 67.7 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 14.942 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

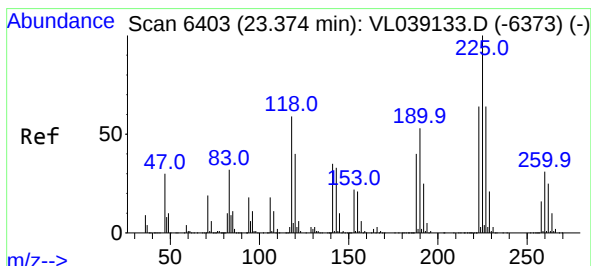
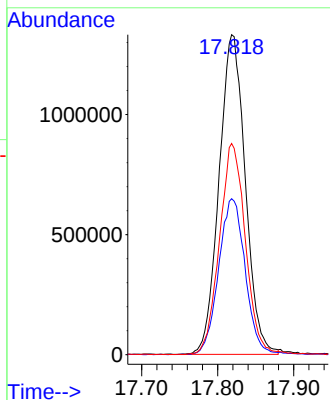
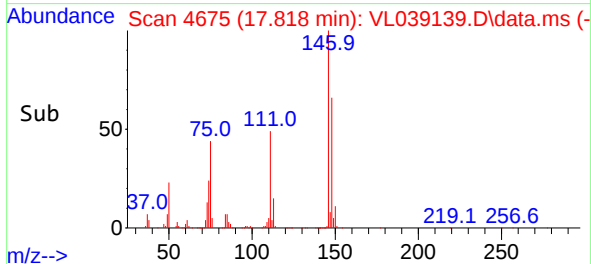
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



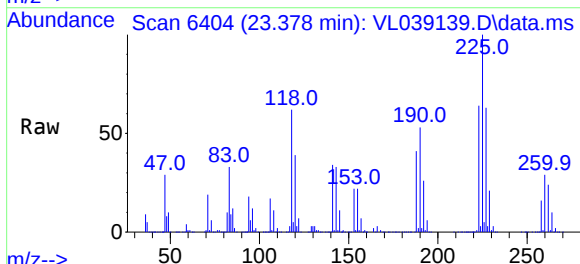
Tgt Ion:146 Resp: 318988
Ion Ratio Lower Upper
146 100
111 49.6 24.4 73.4
148 65.5 32.1 96.5

Manual Integrations
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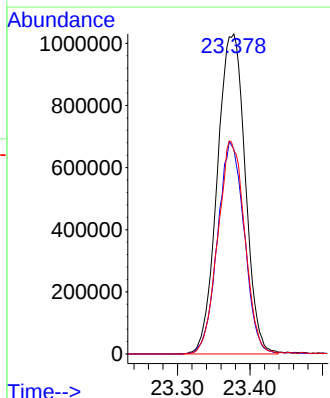
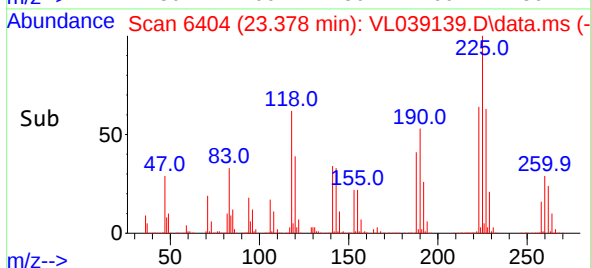
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

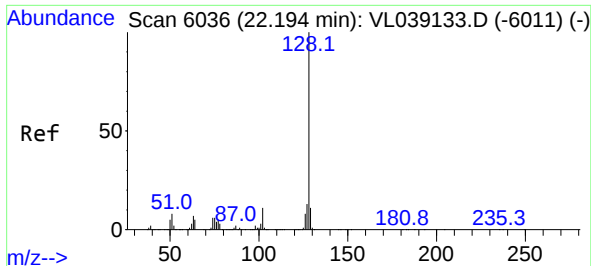


#78
Hexachloro-1,3-Butadiene
Concen: 14.017 ppbv
RT: 23.378 min Scan# 6404
Delta R.T. 0.003 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



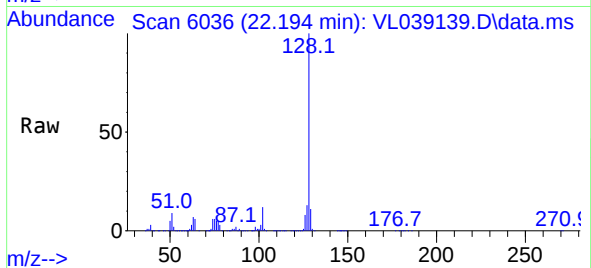
Tgt Ion:225 Resp: 2750135
Ion Ratio Lower Upper
225 100
223 63.8 51.4 77.0
227 64.8 50.6 75.8





#79
Naphthalene
Concen: 16.821 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

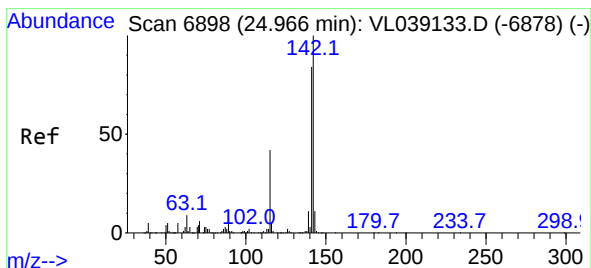
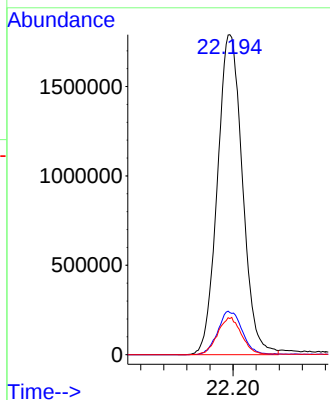
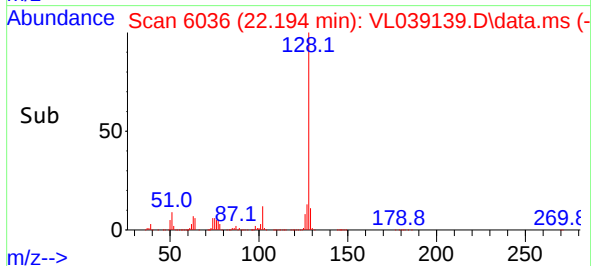


Tgt Ion:128 Resp: 538284

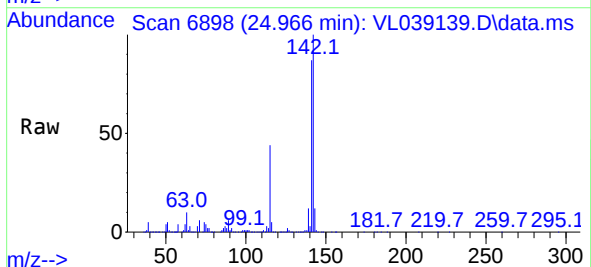
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	9.0	13.6

Manual Integrations
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Supervised By :Mahesh Dadoda 06/01/2022

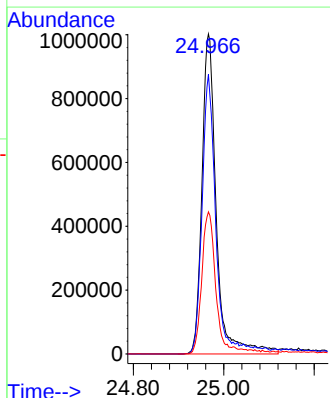
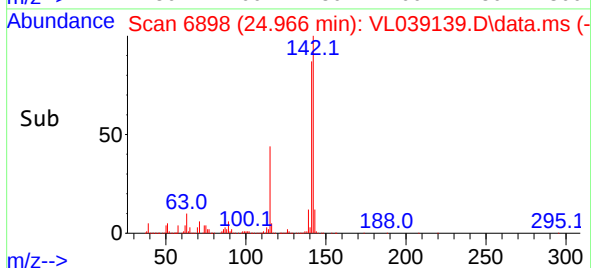


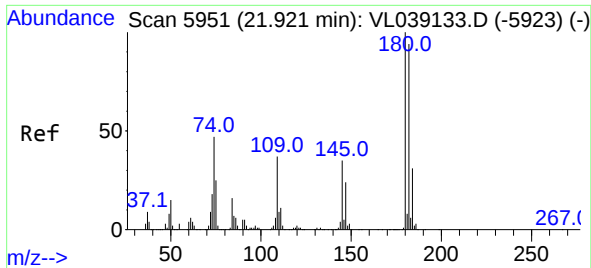
#80
Naphthalene,2-methyl-
Concen: 22.867 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.000 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28



Tgt Ion:142 Resp: 2213682

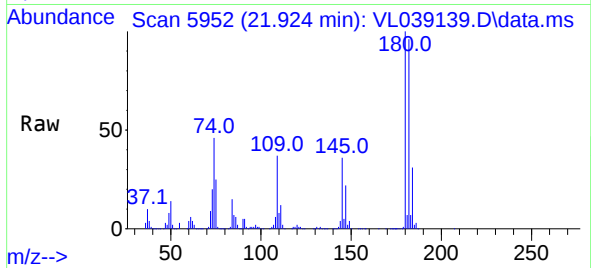
Ion	Ratio	Lower	Upper
142	100		
141	85.4	64.6	96.8
115	44.7	32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 16.070 ppbv
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.003 min
 Lab File: VL039139.D
 Acq: 31 May 2022 20:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 3013440
 Ion Ratio Lower Upper
 180 100
 182 96.7 0.0 0.0
 184 31.0 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

