

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039469.D
 Acq On : 13 Jul 2022 16:49
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 14 01:22:12 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 2022

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

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

Internal Standards						
1) Bromochloromethane	5.674	49	1405025	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	3896876	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	3579363m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 2731522 10.287 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	2016008	9.948	ppbv	98
3) Chlorodifluoromethane	2.999	51	1572840	8.824	ppbv	96
4) Chloromethane	3.150	50	909916	9.333	ppbv	97
5) Vinyl Chloride	3.269	62	866344	9.012	ppbv	98
6) Bromomethane	3.484	94	348376	8.611	ppbv	99
7) Chloroethane	3.568	64	298413	8.727	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	2011325	9.085	ppbv	96
9) Propene	3.021	41	800258	9.941	ppbv	97
10) Heptane	8.127	43	1931642	10.245	ppbv	99
11) Trichlorofluoromethane	3.960	101	1869834	8.280	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.494	101	1384112	8.221	ppbv	100
13) Ethanol	3.603	45	47680m	10.209	ppbv	
14) Bromoethene	3.751	108	602554	8.513	ppbv	97
15) Acetone	3.857	43	1446144	8.700	ppbv	99
16) 1,3-Butadiene	3.340	39	816335	9.465	ppbv	100
17) tert-Butyl alcohol	4.291	59	1362378	9.657	ppbv	99
18) 1,1-Dichloroethene	4.298	96	652324	8.553	ppbv	99
19) Isopropyl Alcohol	3.967	45	773407	8.723	ppbv #	95
20) Methylene Chloride	4.353	84	537105	8.107	ppbv	99
21) Allyl Chloride	4.423	41	1027999	8.929	ppbv	98
22) trans-1,2-Dichloroethene	4.896	96	647909	8.776	ppbv	97
23) Vinyl Acetate	5.079	43	1209059	10.884	ppbv #	98
24) 1,1-Dichloroethane	5.021	63	1573522	10.030	ppbv	98
25) Ethyl Acetate	5.684	43	3368064	9.882	ppbv	100
26) Hexane	5.697	57	1449366	10.549	ppbv	97
27) Carbon Disulfide	4.562	76	1532631	9.242	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1580374	10.758	ppbv	97
29) Chloroform	5.761	83	2088304	8.741	ppbv	97
30) Cyclohexane	7.140	84	1249761	9.992	ppbv	99
31) cis-1,2-Dichloroethene	5.555	61	1401232	9.612	ppbv	98
32) 1,1,1-Trichloroethane	6.520	97	2058585	8.730	ppbv	99
34) 2-Butanone	5.250	43	1999349	10.192	ppbv	100
35) Carbon Tetrachloride	7.028	117	2105954	8.746	ppbv	100
36) Benzene	6.899	78	3001040	9.950	ppbv	96
37) 1,2-Dichloroethane	6.314	62	1569451	8.816	ppbv	98
38) Trichloroethene	7.844	130	1517257	9.301	ppbv	100
39) 1,2-Dichloropropane	7.623	63	1154045	10.243	ppbv	96
40) 1,4-Dioxane	7.835	88	397133	8.845	ppbv #	1
41) Tetrahydrofuran	6.057	42	1214662	10.686	ppbv	99
42) Bromodichloromethane	7.799	83	2299049	9.578	ppbv	99
43) Methyl Methacrylate	8.021	69	1220436	10.642	ppbv	100
44) 2,2,4-Trimethylpentane	7.877	57	4994129	9.771	ppbv	98
45) t-1,3-Dichloropropene	9.288	75	1209819	11.849	ppbv	98

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 01:22:12 2022

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

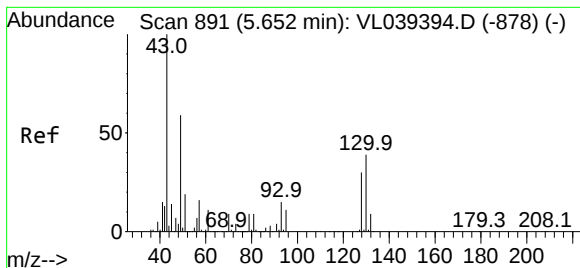
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6

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

Response via : Initial Calibration

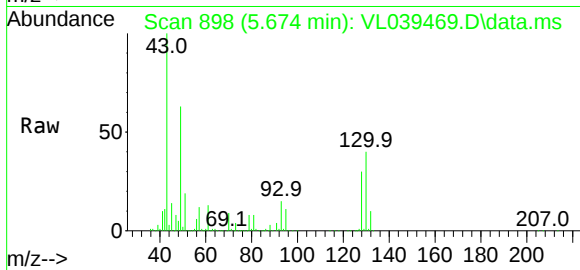
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1574501	11.203	ppbv	95
47) 1,1,2-Trichloroethane	9.481	97	1204477	9.527	ppbv	97
48) Dibromochloromethane	10.311	129	1998755	9.947	ppbv	99
49) Bromoform	13.050	173	1711914	10.561	ppbv	100
50) 4-Methyl-2-Pentanone	8.745	43	3172596	10.696	ppbv	99
51) 2-Hexanone	10.140	43	2488636	11.093	ppbv #	98
52) Tetrachloroethene	11.233	164	1148664	9.461	ppbv	97
53) Toluene	9.815	91	3545250	10.191	ppbv	99
54) 1,2-Dibromoethane	10.619	107	1577176	10.026	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.134	131	1463639	9.256	ppbv #	93
57) Chlorobenzene	12.153	112	2612326	9.414	ppbv	97
58) Ethyl Benzene	12.719	91	4630922	10.020	ppbv	99
59) m/p-Xylene	13.005	91	7779312m	19.092	ppbv	
60) o-Xylene	13.699	91	3711027	9.618	ppbv	98
61) Styrene	13.532	104	2308327	11.044	ppbv	99
62) Isopropylbenzene	14.674	105	5558829	9.461	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.683	83	1836340	9.080	ppbv	100
64) n-propylbenzene	15.564	120	1482235	9.953	ppbv	96
65) tert-Butylbenzene	16.751	119	4992902	9.196	ppbv	98
66) Benzyl Chloride	16.995	91	581501	11.270	ppbv	100
67) sec-Butylbenzene	17.297	105	6873415	9.398	ppbv	99
69) p-Isopropyltoluene	17.661	119	5889698	9.491	ppbv	99
70) n-Butylbenzene	18.555	91	5739189	9.529	ppbv	99
71) 2-Chlorotoluene	15.458	91	4110552	9.775	ppbv	100
72) 4-Ethyltoluene	15.847	105	4529828	9.985	ppbv	99
73) 1,3,5-Trimethylbenzene	16.002	105	4098109	9.836	ppbv	99
74) 1,2,4-Trimethylbenzene	16.770	105	4361197	9.462	ppbv	98
75) 1,3-Dichlorobenzene	17.002	146	2642610	9.612	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	2572215	9.439	ppbv	99
77) 1,2-Dichlorobenzene	17.822	146	2547065	9.346	ppbv	99
78) Hexachloro-1,3-Butadiene	23.381	225	1808052	8.249	ppbv	99
79) Naphthalene	22.198	128	3540080	11.161	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	1199996	11.115	ppbv	97
81) 1,2,4-Trichlorobenzene	21.934	180	2089430	10.113	ppbv	98

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.674 min Scan# 89
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

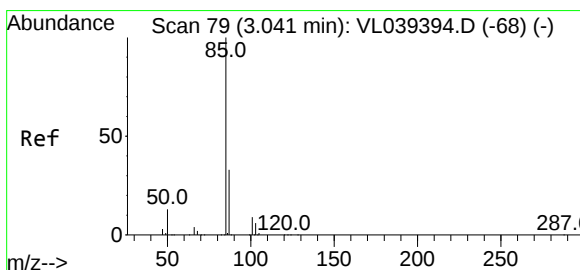
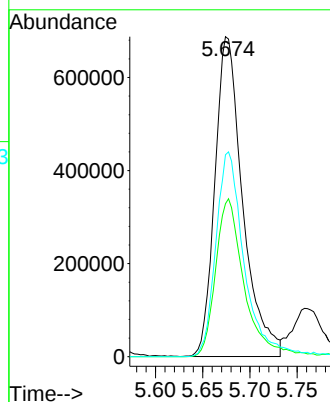
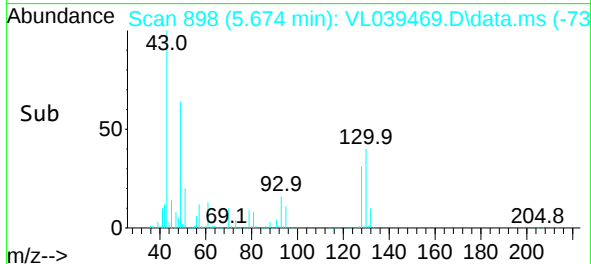
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



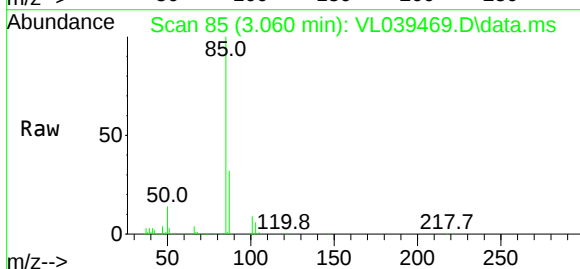
Tgt Ion: 49 Resp: 140502
 Ion Ratio Lower Upper
 49 100
 128 51.9 26.7 80.0
 130 66.9 34.3 102.8

Manual Integrations
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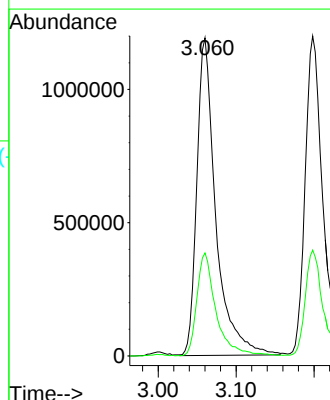
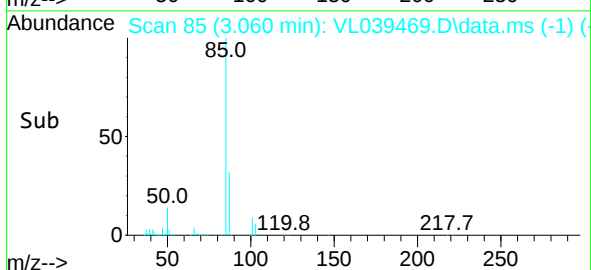
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

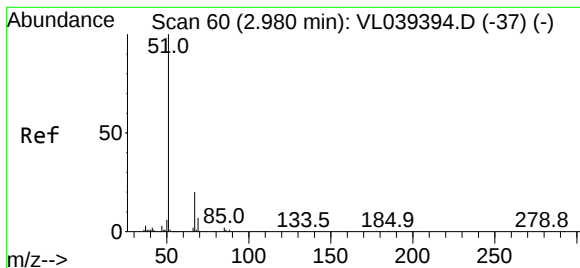


#2
 Dichlorodifluoromethane
 Concen: 9.948 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. 0.019 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49



Tgt Ion: 85 Resp: 2016008
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.7 40.1





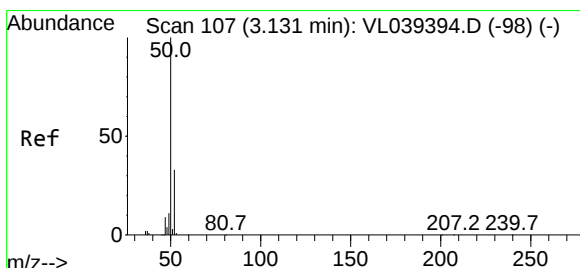
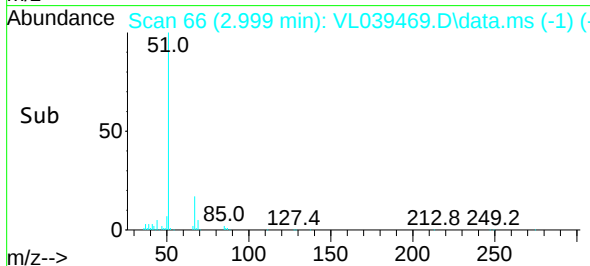
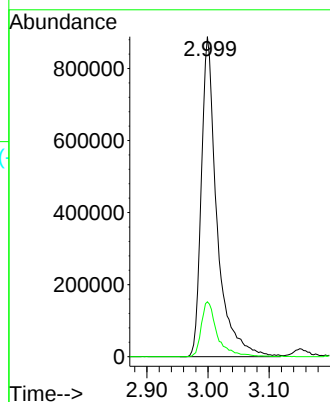
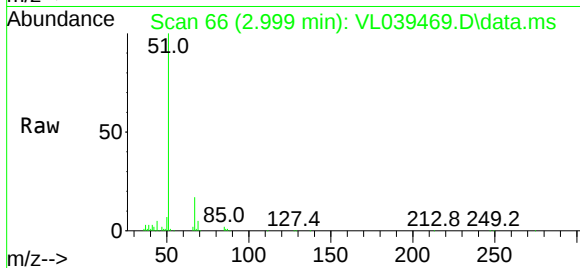
#3
Chlorodifluoromethane
Concen: 8.824 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.019 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1572840
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5

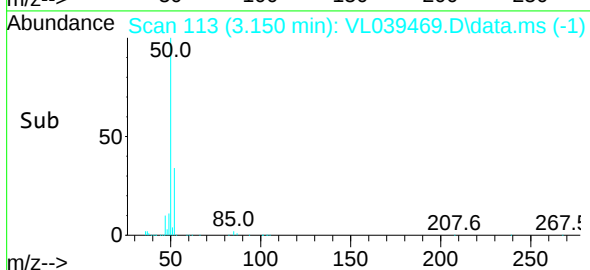
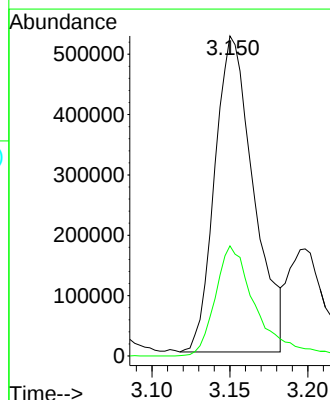
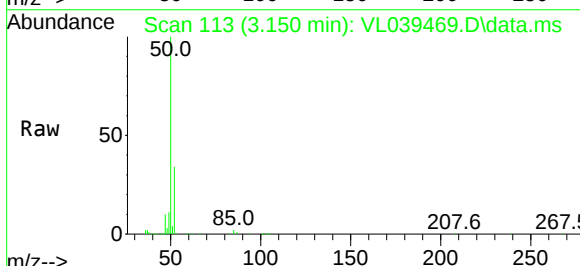
Manual Integrations
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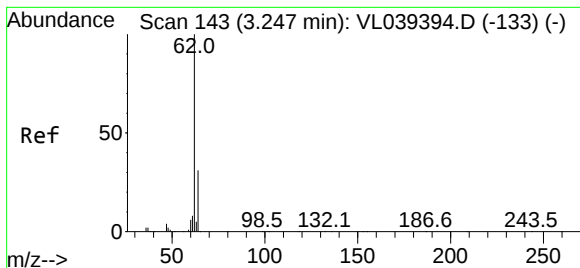
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#4
Chloromethane
Concen: 9.333 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

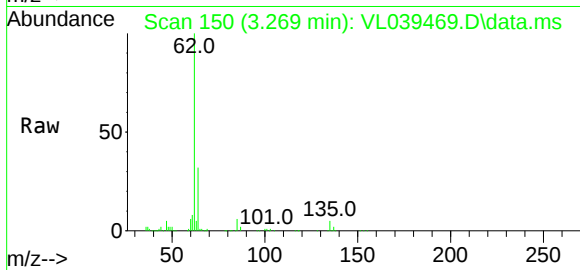
Tgt Ion: 50 Resp: 909916
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.012 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

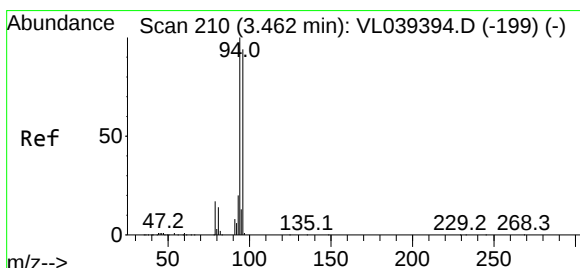
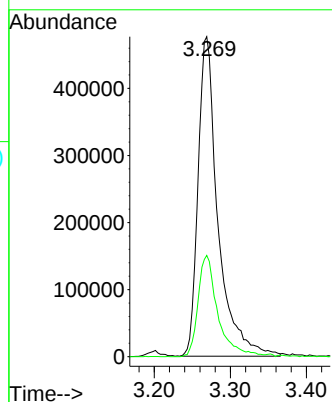
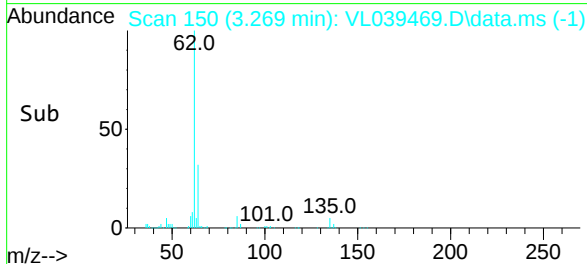
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 866344
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.6 36.8

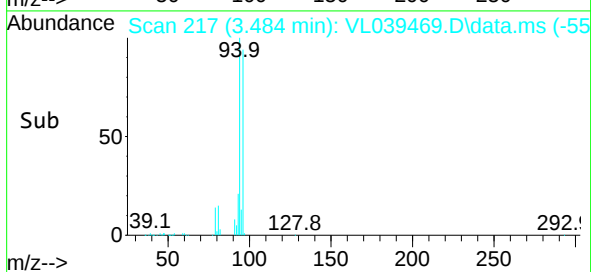
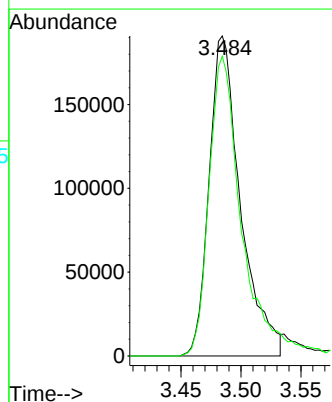
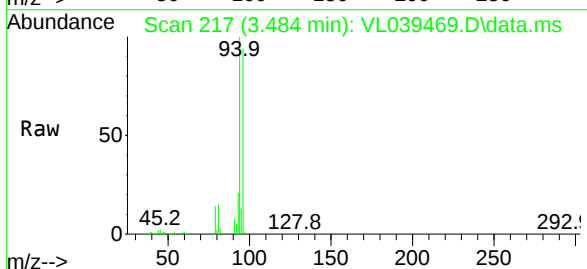
Manual Integrations
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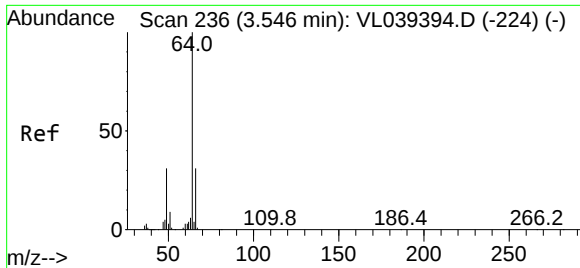
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#6
 Bromomethane
 Concen: 8.611 ppbv
 RT: 3.484 min Scan# 217
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

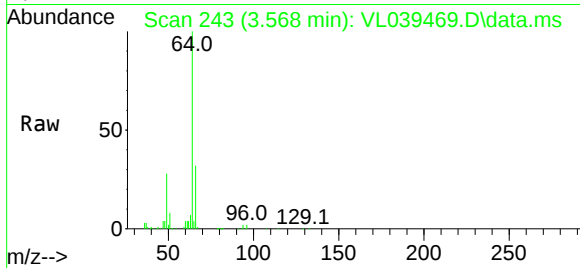
Tgt Ion: 94 Resp: 348376
 Ion Ratio Lower Upper
 94 100
 96 93.6 75.6 113.4





#7
Chloroethane
Concen: 8.727 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

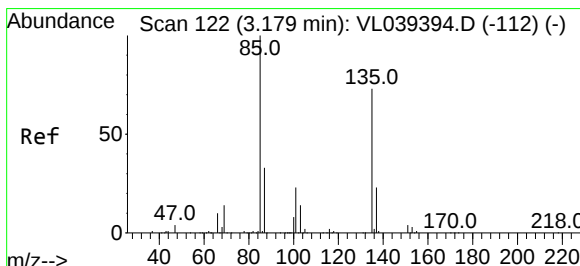
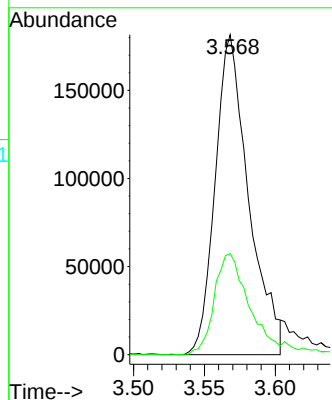
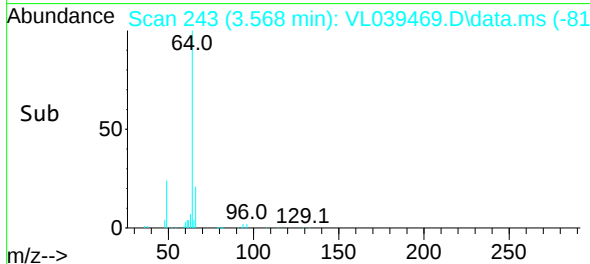
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



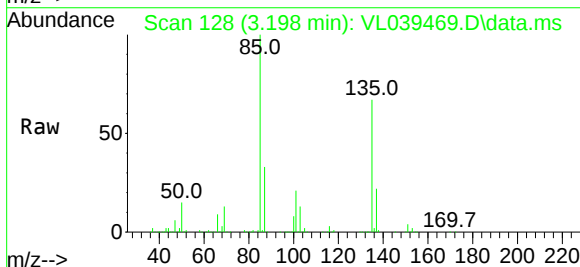
Tgt Ion: 64 Resp: 29841
Ion Ratio Lower Upper
64 100
66 31.6 24.7 37.1

Manual Integrations
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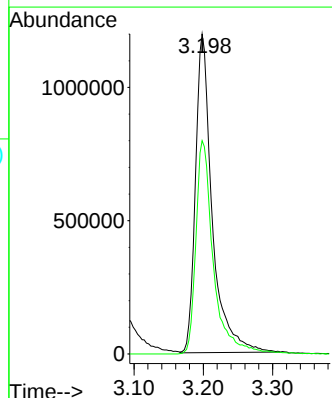
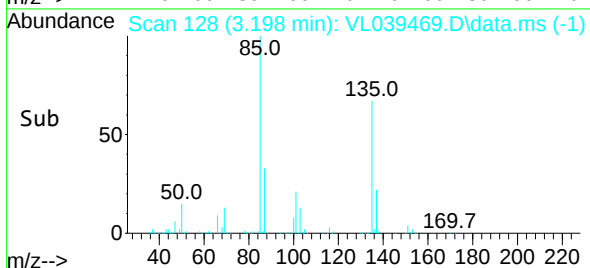
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

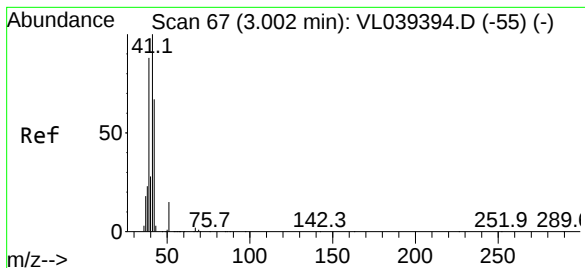


#8
Dichlorotetrafluoroethane
Concen: 9.085 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



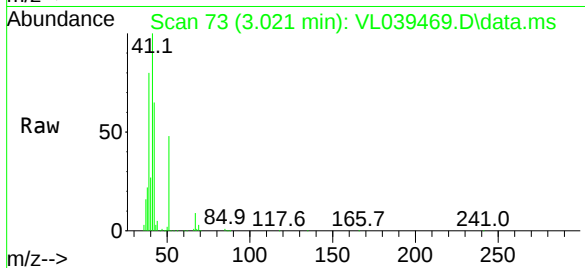
Tgt Ion: 85 Resp: 2011325
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





#9
 Propene
 Concen: 9.941 ppbv
 RT: 3.021 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

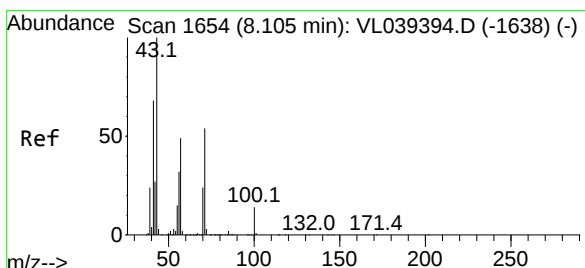
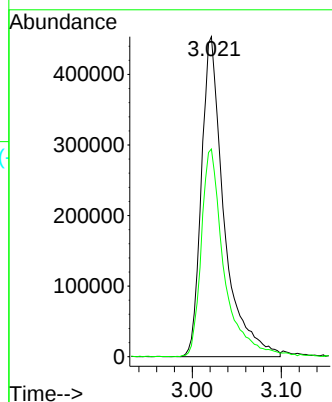
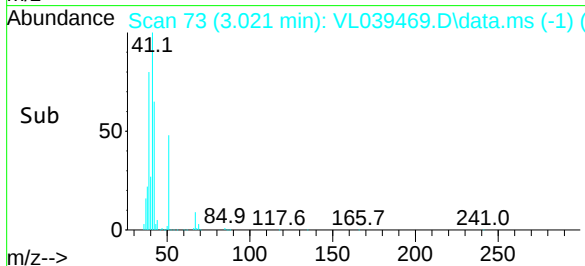
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



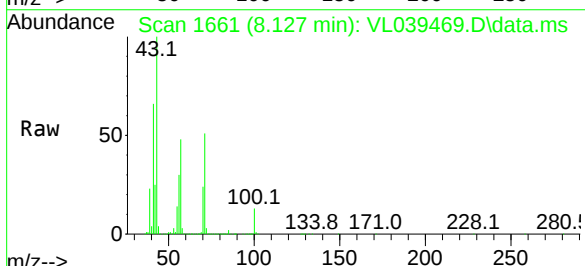
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 Ion Ratio Lower Upper
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 42 66.2 55.2 82.8

Manual Integrations
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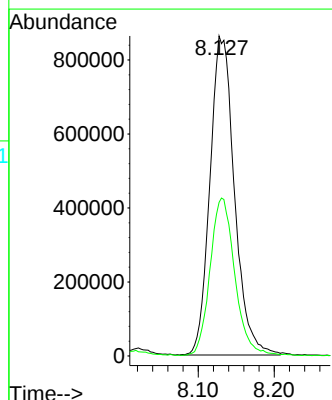
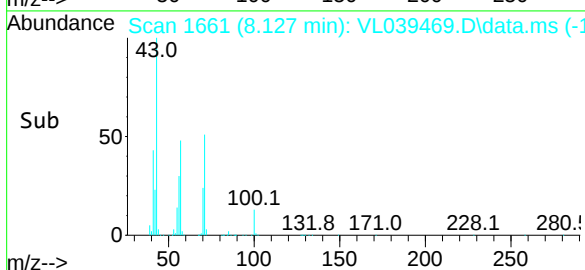
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

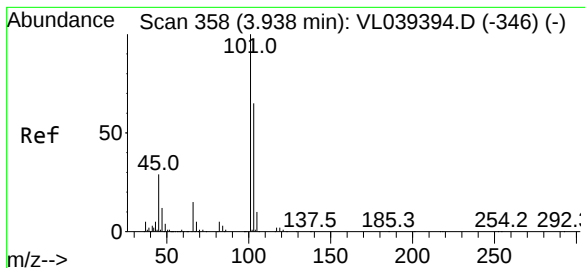


#10
 Heptane
 Concen: 10.245 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49



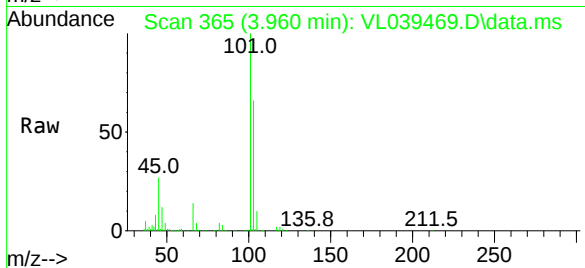
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 Ion Ratio Lower Upper
 43 100
 57 50.0 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 8.280 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

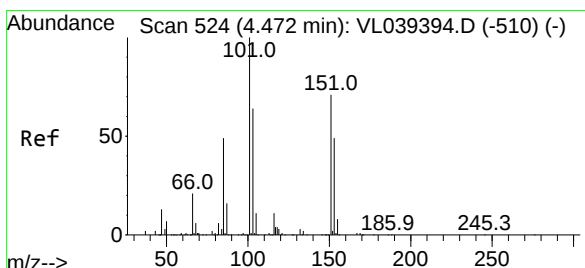
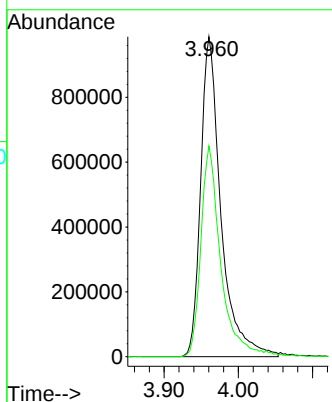
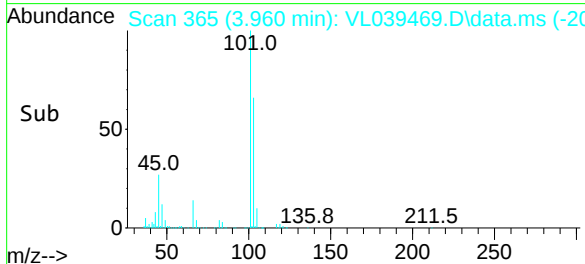
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 1869834
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.8

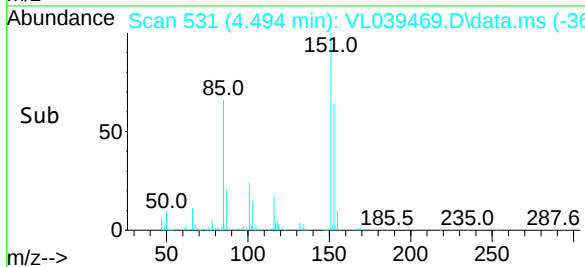
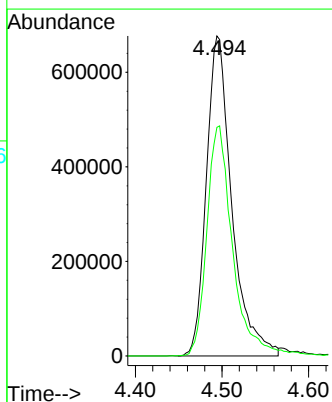
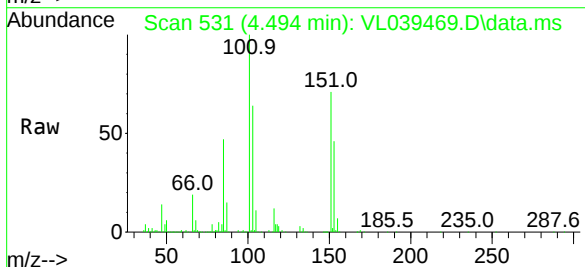
Manual Integrations
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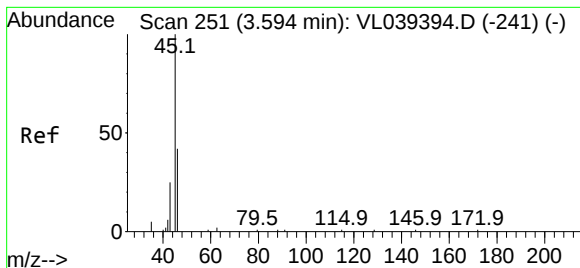
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.221 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

Tgt Ion:101 Resp: 1384112
 Ion Ratio Lower Upper
 101 100
 151 73.5 58.9 88.3





#13

Ethanol

Concen: 10.209 ppbv

RT: 3.603 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 47680

Ion Ratio Lower Upper

45 100

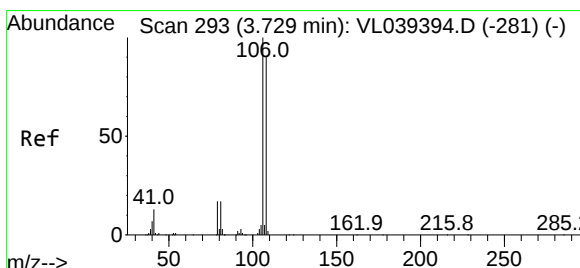
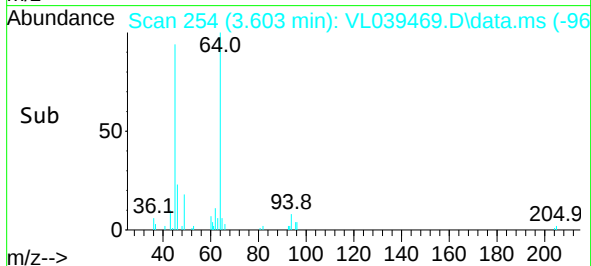
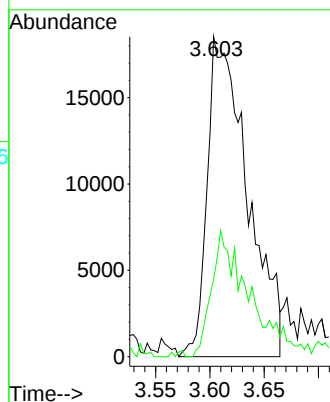
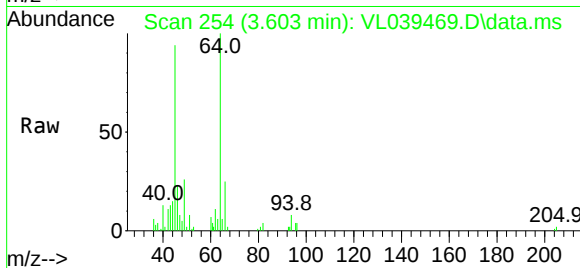
46 37.4 22.8 91.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#14

Bromoethene

Concen: 8.513 ppbv

RT: 3.751 min Scan# 300

Delta R.T. 0.022 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

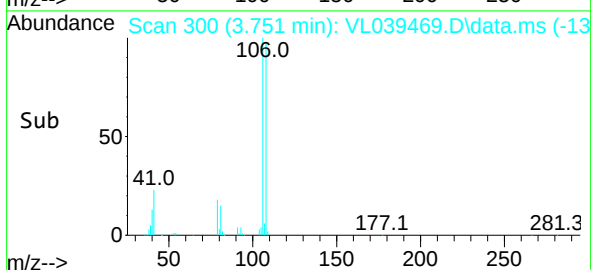
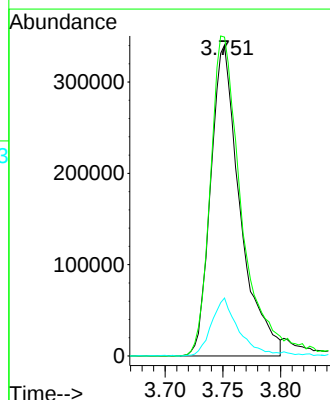
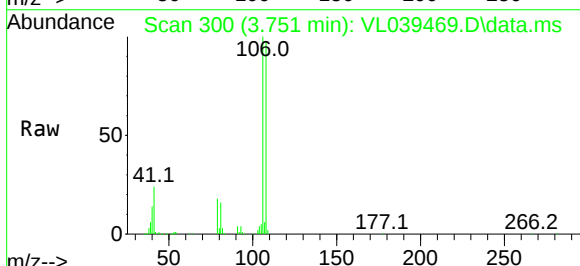
Tgt Ion:108 Resp: 602554

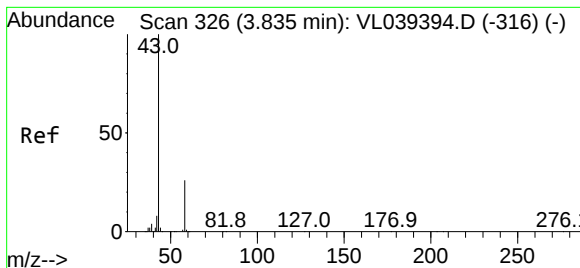
Ion Ratio Lower Upper

108 100

106 112.6 87.1 130.7

79 17.6 14.6 22.0





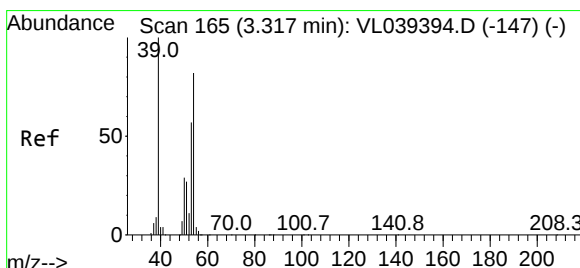
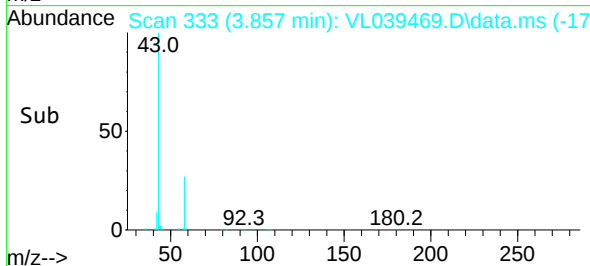
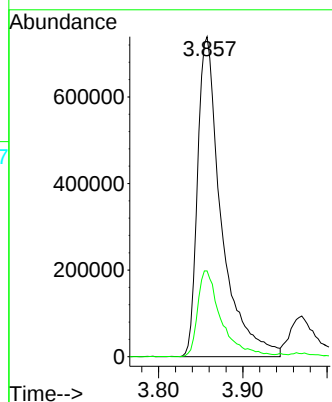
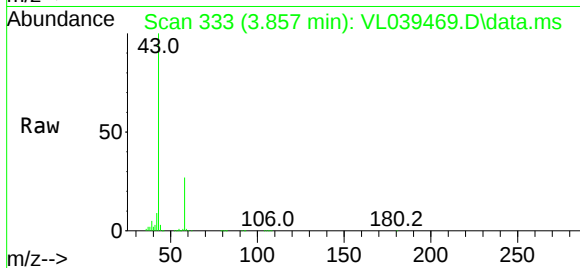
#15
Acetone
Concen: 8.700 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1446144
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

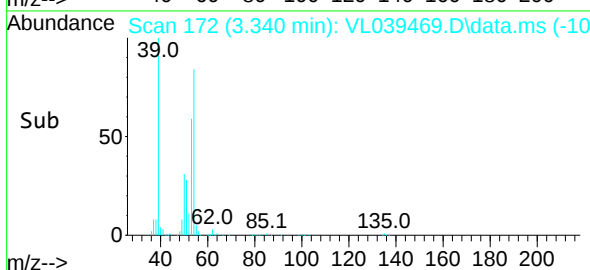
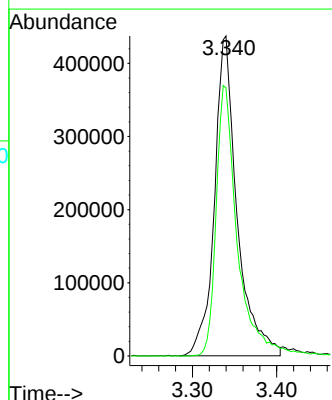
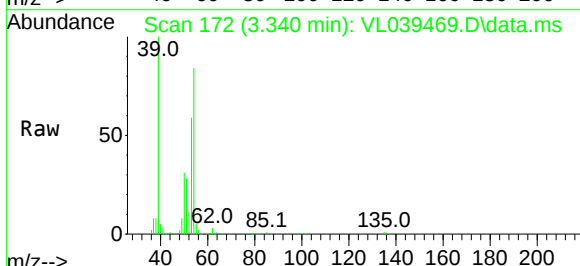
Manual Integrations
APPROVED

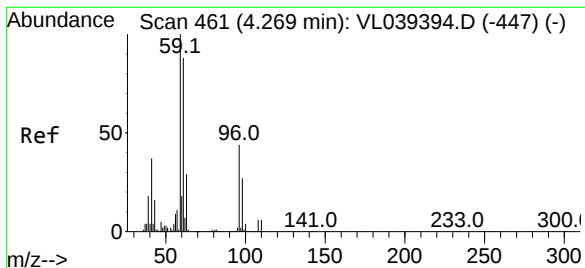
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#16
1,3-Butadiene
Concen: 9.465 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Tgt Ion: 39 Resp: 816335
Ion Ratio Lower Upper
39 100
54 79.9 63.7 95.5





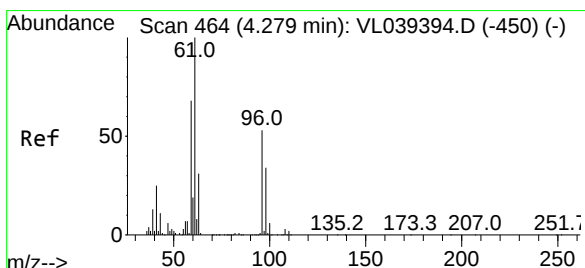
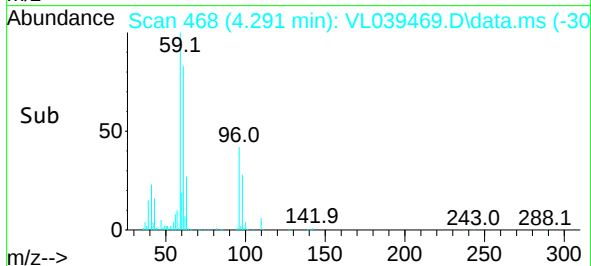
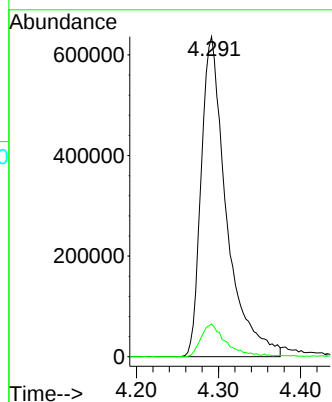
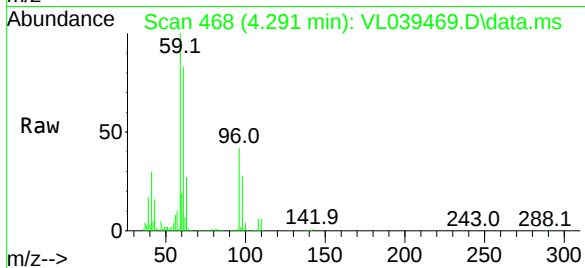
#17
tert-Butyl alcohol
Concen: 9.657 ppbv
RT: 4.291 min Scan# 40
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1362378
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

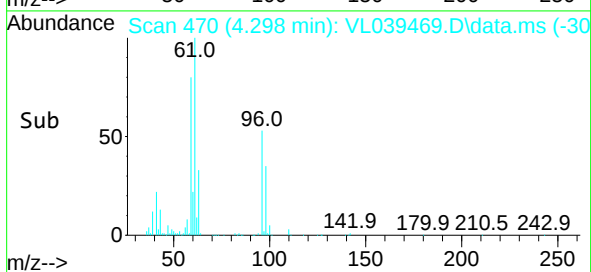
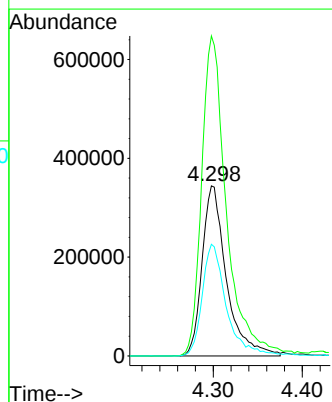
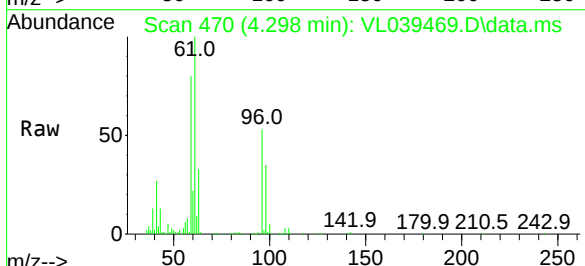
Manual Integrations
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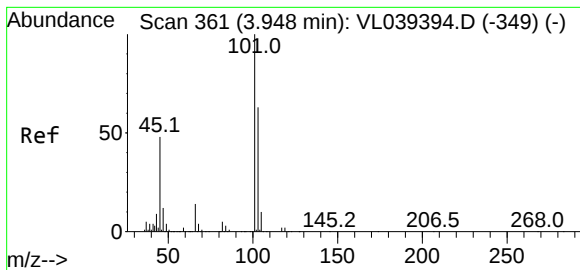
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#18
1,1-Dichloroethene
Concen: 8.553 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Tgt Ion: 96 Resp: 652324
Ion Ratio Lower Upper
96 100
61 188.0 152.2 228.4
98 65.6 51.8 77.6





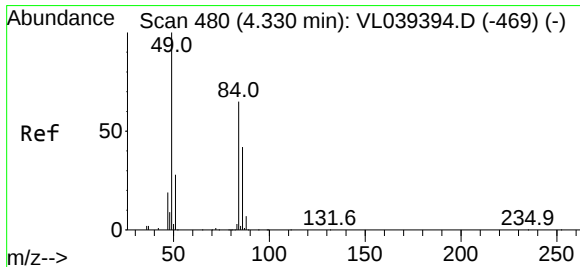
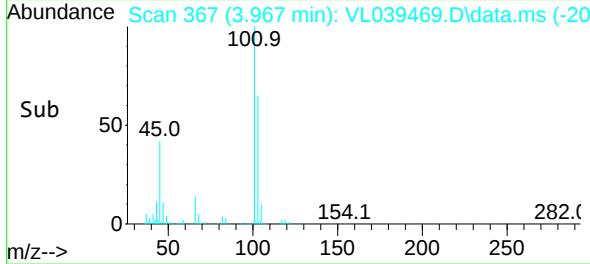
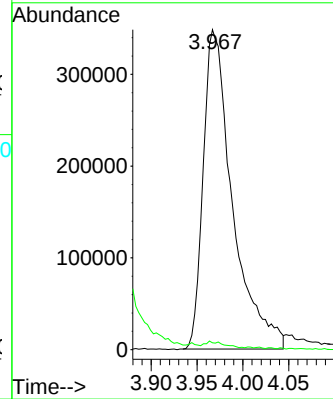
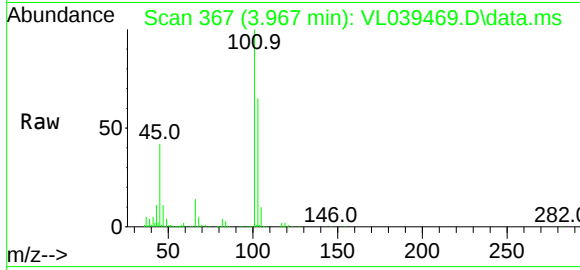
#19
Isopropyl Alcohol
Concen: 8.723 ppbv
RT: 3.967 min Scan# 307
Delta R.T. 0.019 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 77340
Ion Ratio Lower Upper
45 100
58 2.3 3.2 4.8

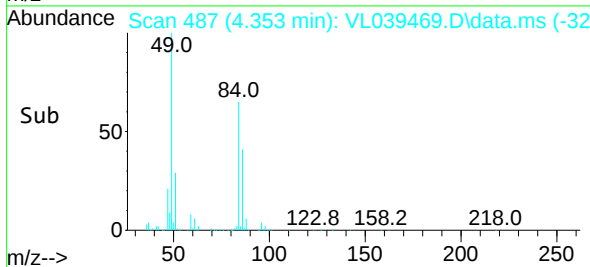
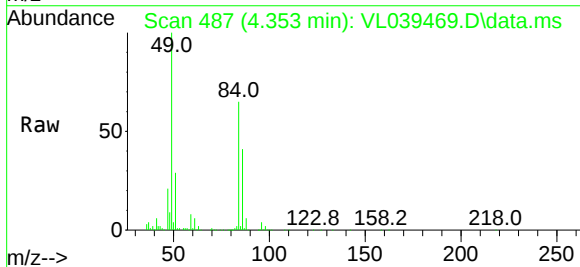
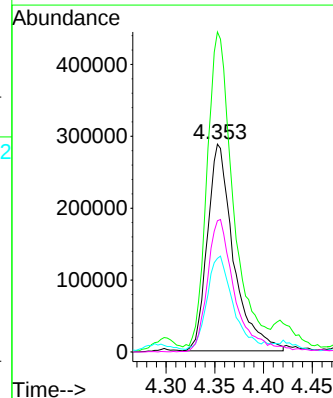
Manual Integrations
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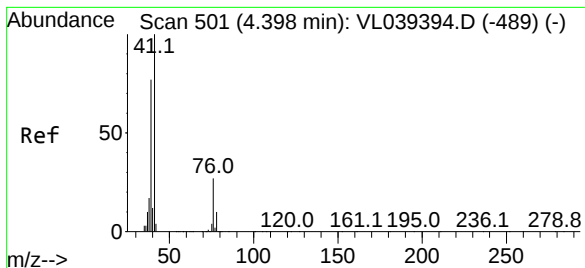
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#20
Methylene Chloride
Concen: 8.107 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Tgt Ion: 84 Resp: 537105
Ion Ratio Lower Upper
84 100
49 152.3 123.1 184.7
51 43.9 34.4 51.6
86 63.3 51.1 76.7





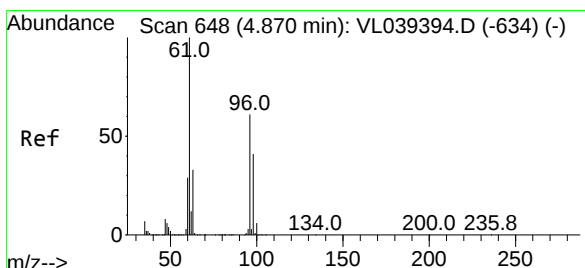
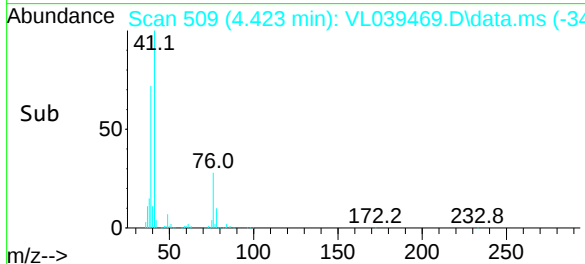
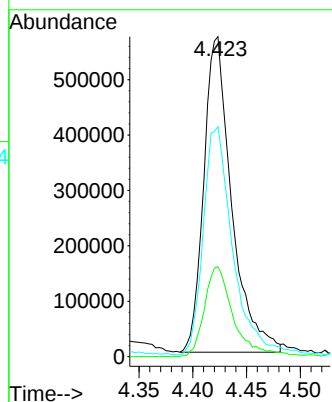
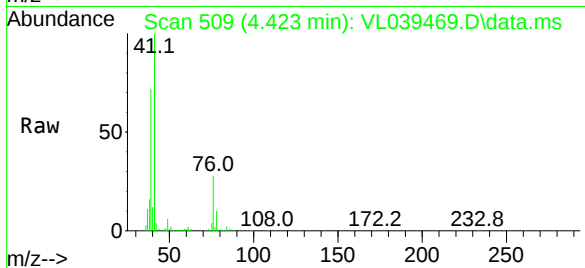
#21
 Allyl Chloride
 Concen: 8.929 ppbv
 RT: 4.423 min Scan# 501
 Delta R.T. 0.026 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1027999
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.4 36.6
 39 77.6 63.5 95.3

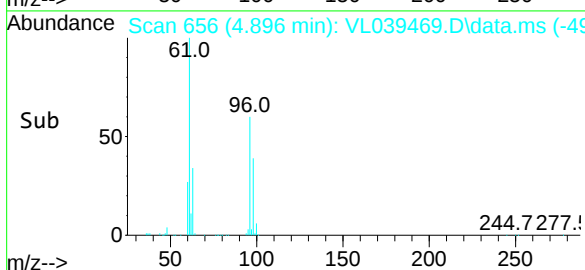
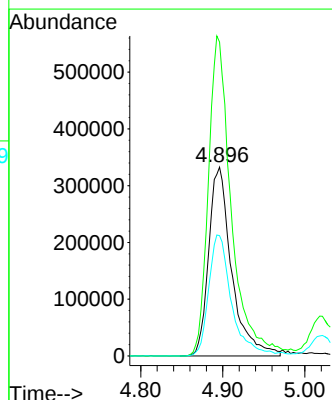
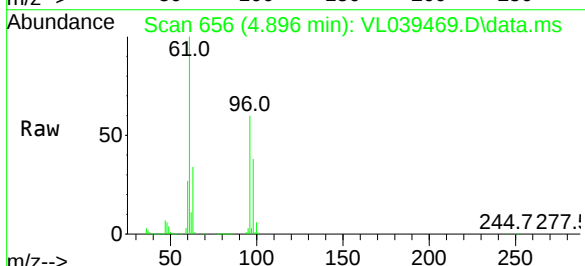
Manual Integrations
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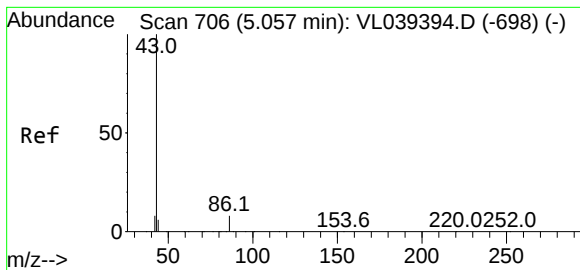
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.776 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.026 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

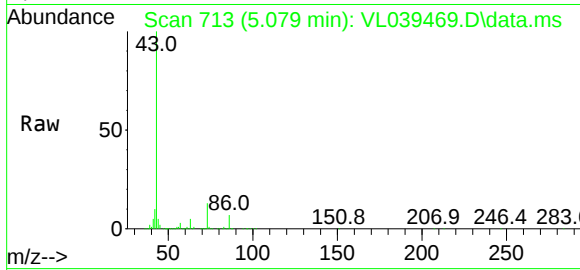
Tgt Ion: 96 Resp: 647909
 Ion Ratio Lower Upper
 96 100
 61 166.2 130.6 195.8
 98 63.7 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.884 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.022 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

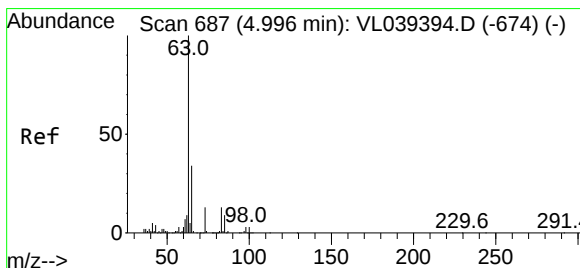
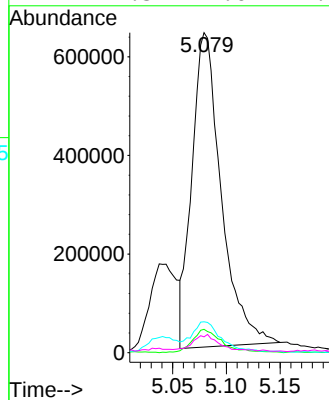
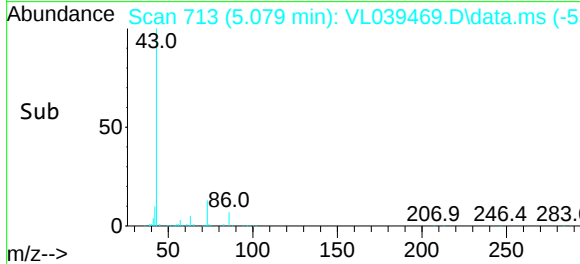
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



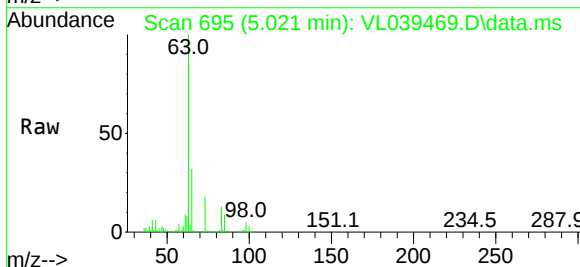
Tgt Ion: 43 Resp: 1209059
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.0 7.6
 42 9.6 7.7 11.5
 44 4.5 4.6 7.0#

Manual Integrations
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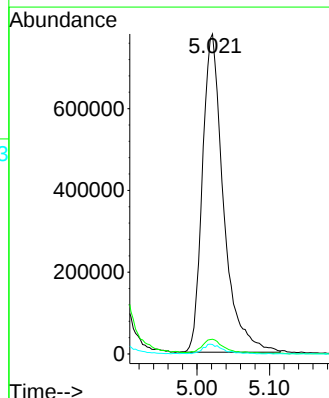
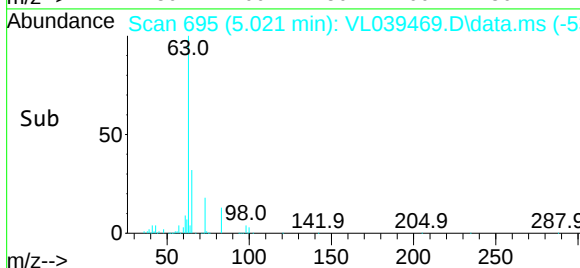
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

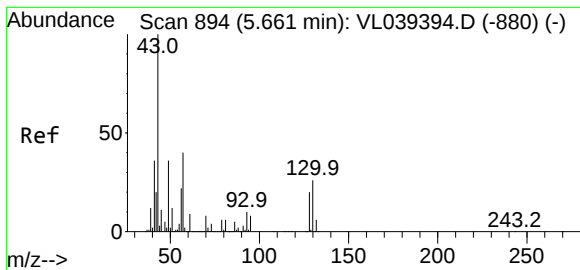


#24
 1,1-Dichloroethane
 Concen: 10.030 ppbv
 RT: 5.021 min Scan# 695
 Delta R.T. 0.026 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49



Tgt Ion: 63 Resp: 1573522
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.8 5.3
 100 2.9 1.5 4.4





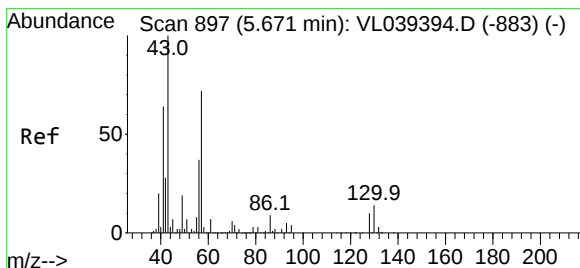
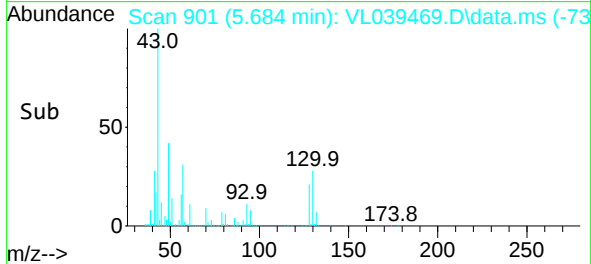
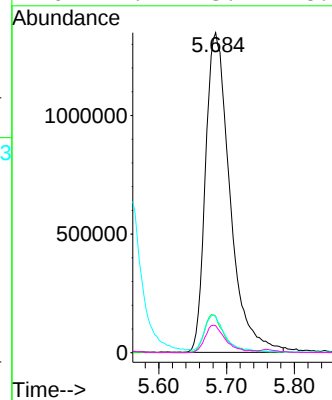
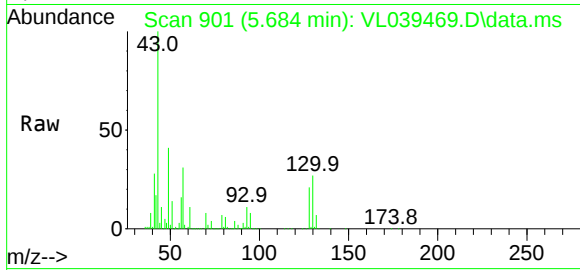
#25
Ethyl Acetate
Concen: 9.882 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3368064
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 10.2 8.3 12.5
70 7.4 5.9 8.9

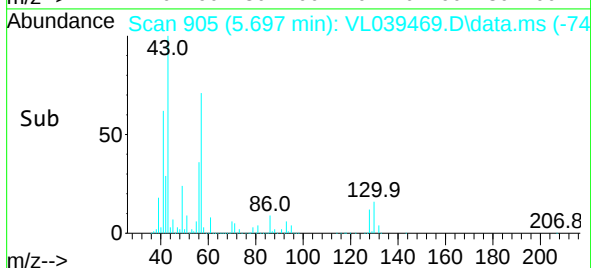
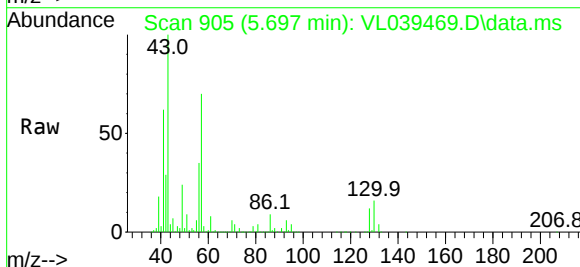
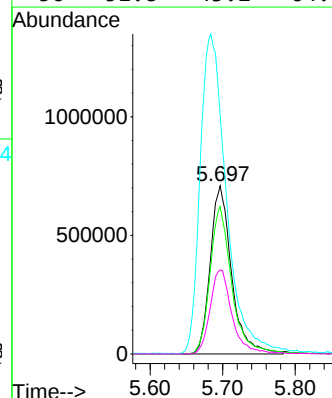
Manual Integrations
APPROVED

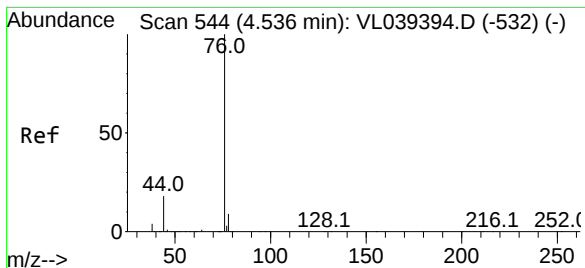
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#26
Hexane
Concen: 10.549 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

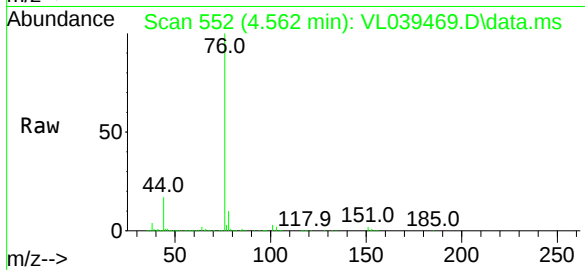
Tgt Ion: 57 Resp: 1449366
Ion Ratio Lower Upper
57 100
41 90.2 76.9 115.3
43 235.3 191.0 286.6
56 51.8 43.2 64.8





#27
Carbon Disulfide
Concen: 9.242 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

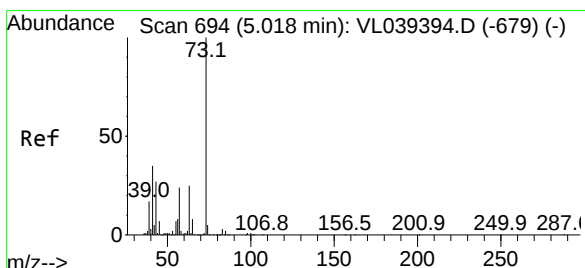
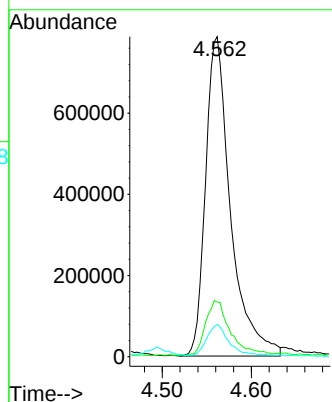
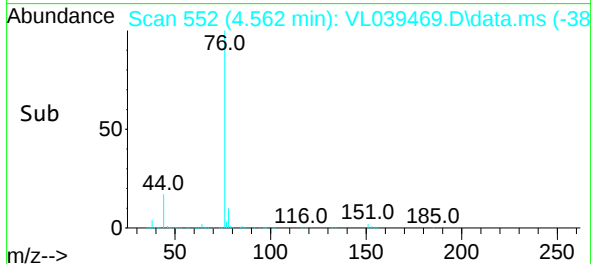
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



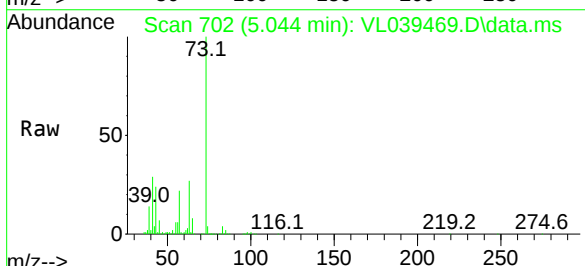
Tgt Ion: 76 Resp: 153263
Ion Ratio Lower Upper
76 100
44 18.0 14.6 21.8
78 10.0 7.8 11.6

Manual Integrations
APPROVED

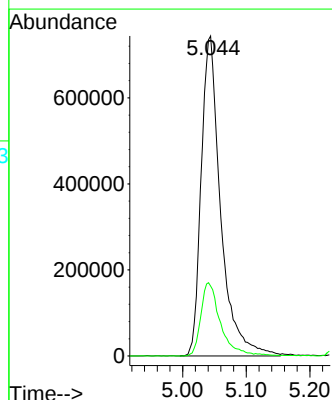
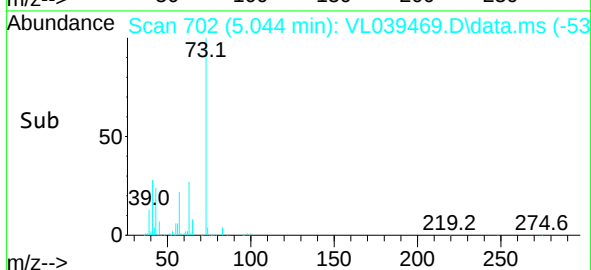
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

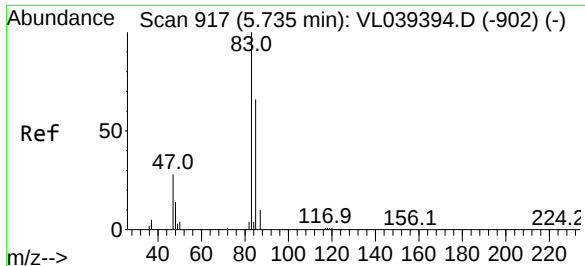


#28
Methyl tert-Butyl Ether
Concen: 10.758 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



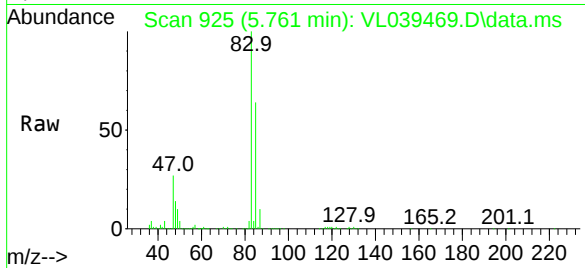
Tgt Ion: 73 Resp: 1580374
Ion Ratio Lower Upper
73 100
57 23.4 19.8 29.8





#29
Chloroform
Concen: 8.741 ppbv
RT: 5.761 min Scan# 917
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

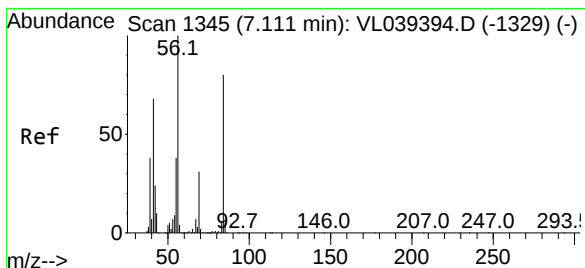
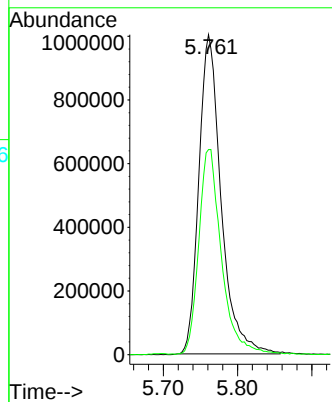
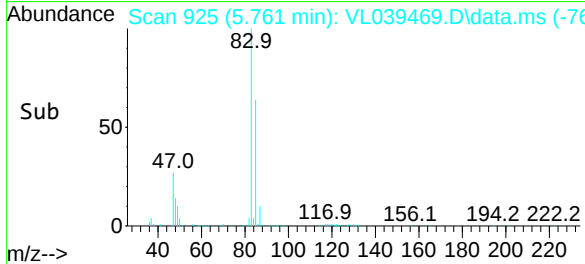
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



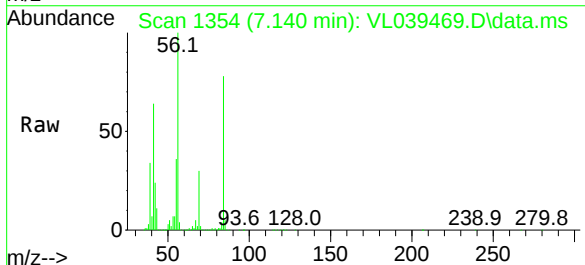
Tgt Ion: 83 Resp: 2088304
Ion Ratio Lower Upper
83 100
85 63.9 52.8 79.2

Manual Integrations
APPROVED

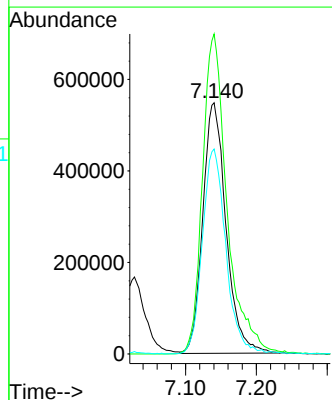
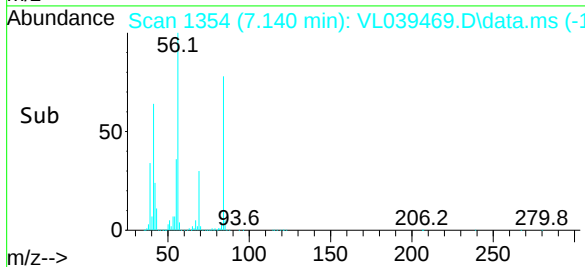
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

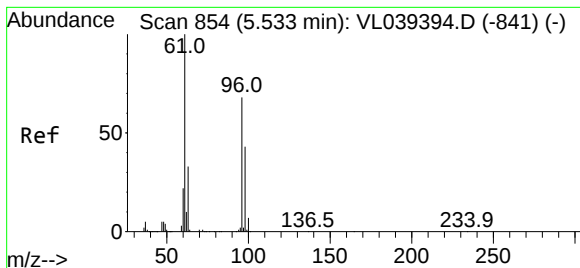


#30
Cyclohexane
Concen: 9.992 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



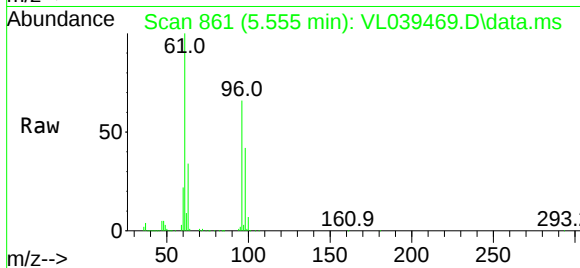
Tgt Ion: 84 Resp: 1249761
Ion Ratio Lower Upper
84 100
56 135.1 107.7 161.5
41 83.0 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 9.612 ppbv
RT: 5.555 min Scan# 80
Delta R.T. 0.022 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

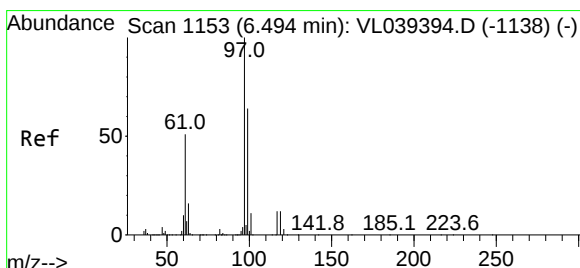
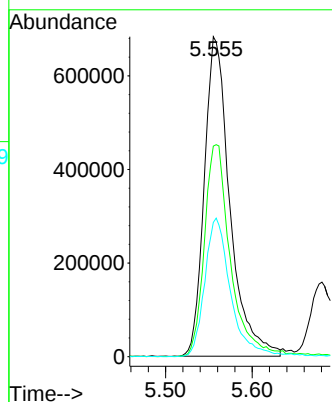
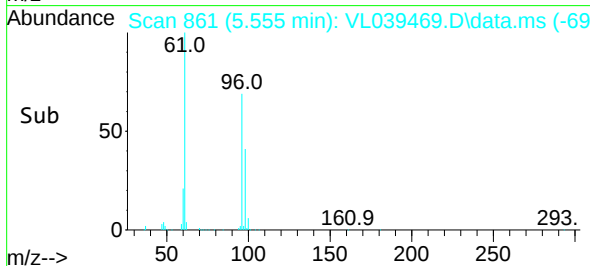
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



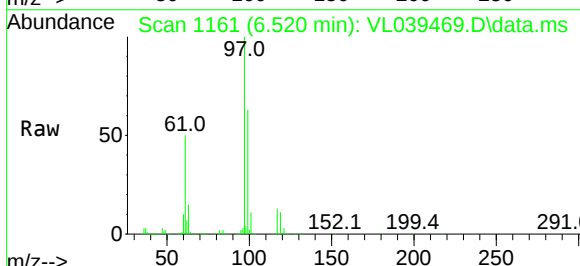
Tgt Ion: 61 Resp: 140123
Ion Ratio Lower Upper
61 100
96 65.7 54.1 81.1
98 41.9 34.6 52.0

Manual Integrations
APPROVED

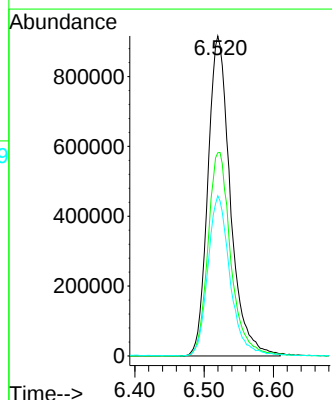
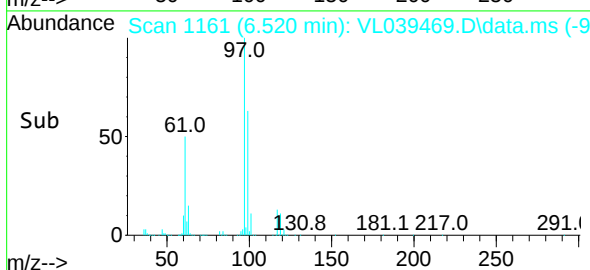
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

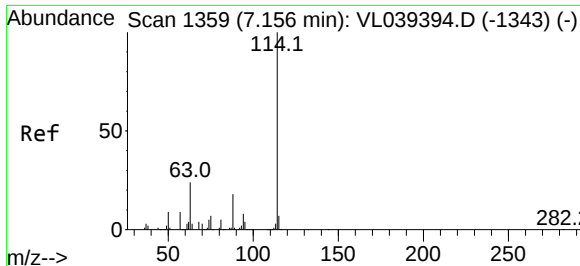


#32
1,1,1-Trichloroethane
Concen: 8.730 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



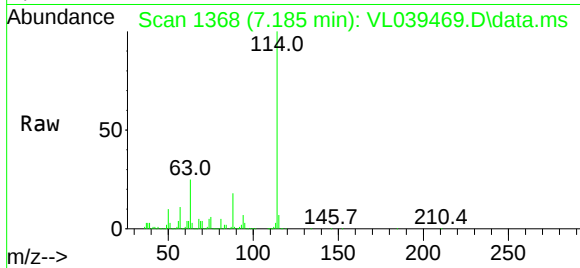
Tgt Ion: 97 Resp: 2058585
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 49.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

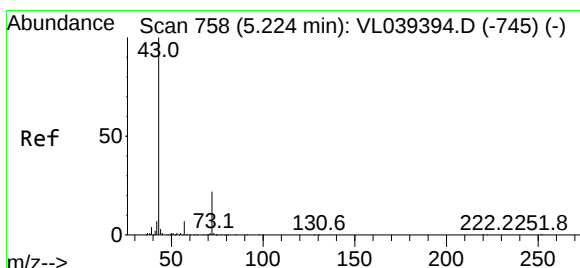
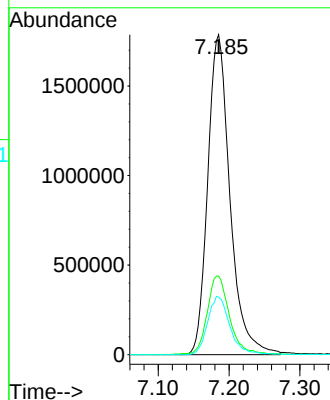
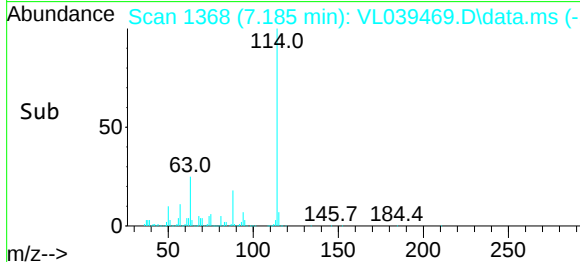
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3896870
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.3 14.5 21.7

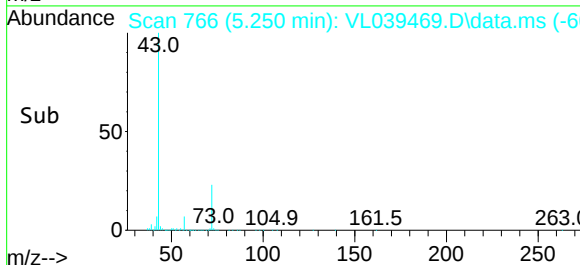
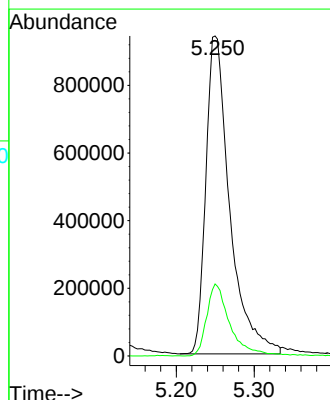
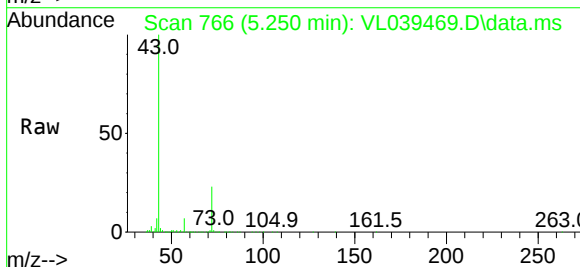
Manual Integrations
APPROVED

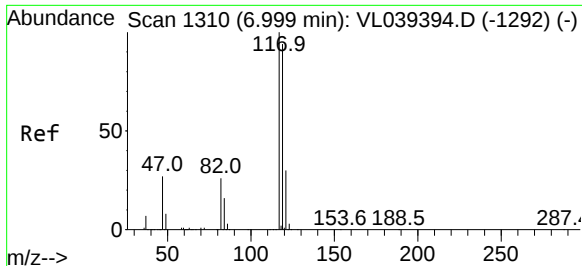
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#34
2-Butanone
Concen: 10.192 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

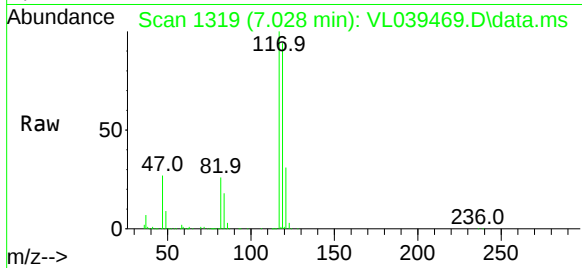
Tgt Ion: 43 Resp: 1999349
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 8.746 ppbv
RT: 7.028 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

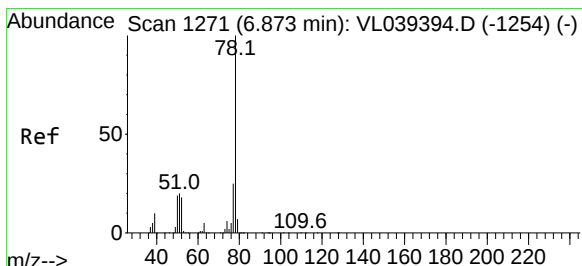
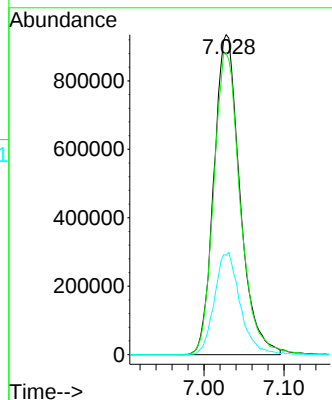
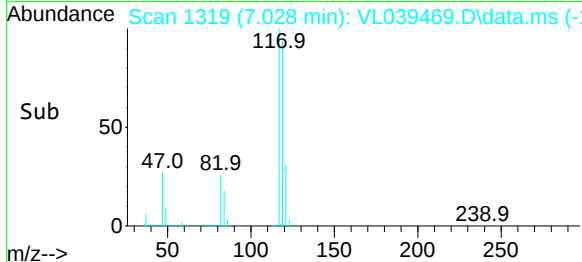
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 2105954
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.2
121 31.1 24.2 36.2

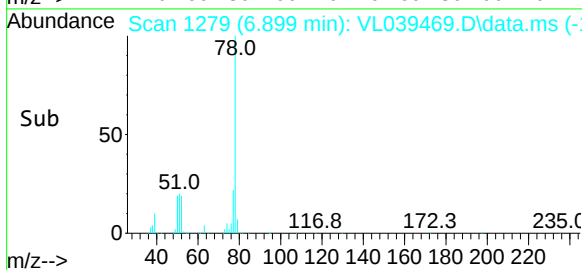
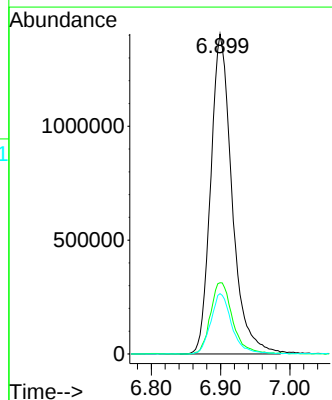
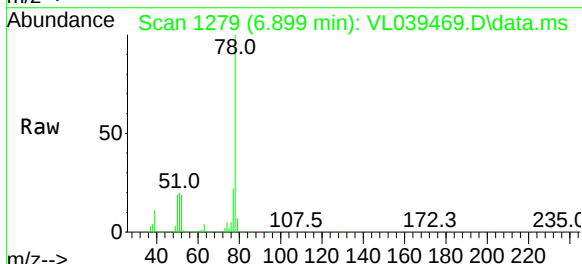
Manual Integrations
APPROVED

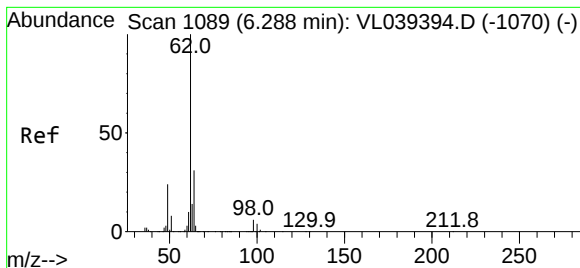
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#36
Benzene
Concen: 9.950 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Tgt Ion: 78 Resp: 3001040
Ion Ratio Lower Upper
78 100
77 22.3 20.3 30.5
50 18.8 15.5 23.3





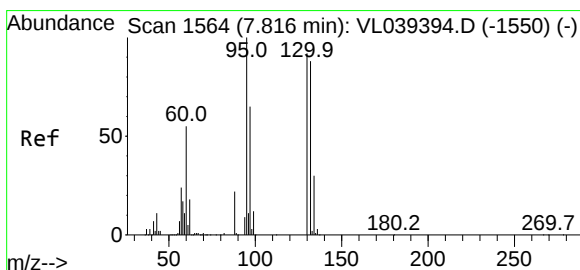
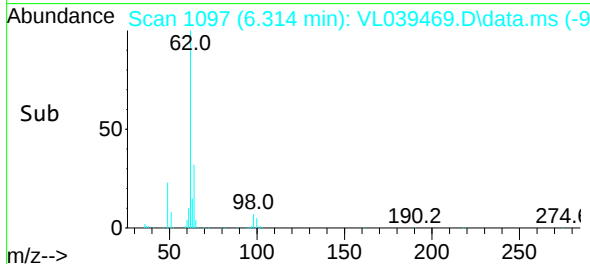
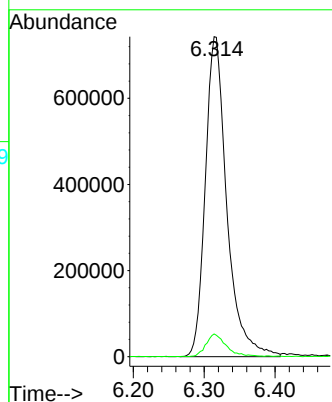
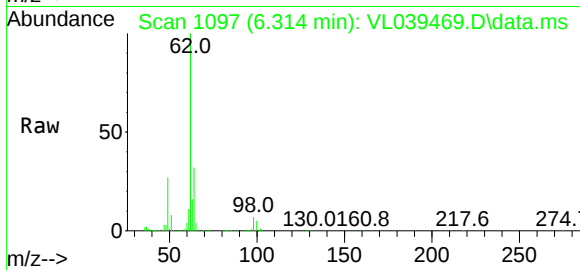
#37
1,2-Dichloroethane
Concen: 8.816 ppbv
RT: 6.314 min Scan# 1089
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 156945
Ion Ratio Lower Upper
62 100
98 7.0 5.1 7.7

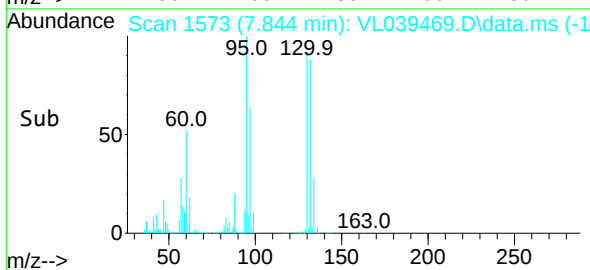
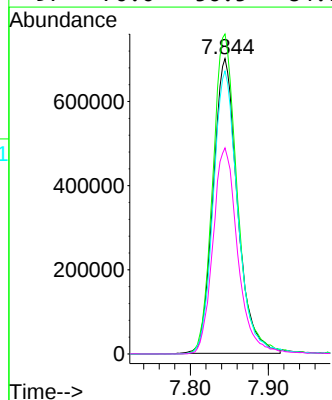
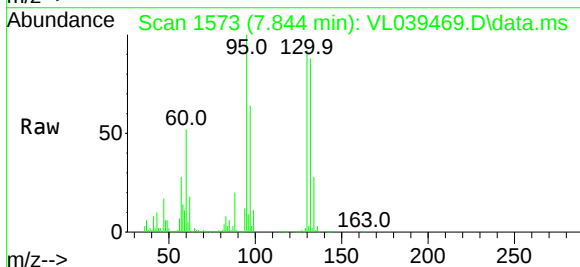
Manual Integrations
APPROVED

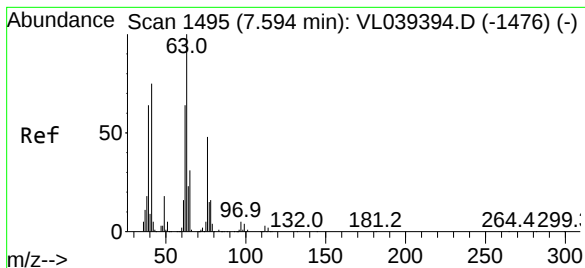
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#38
Trichloroethene
Concen: 9.301 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

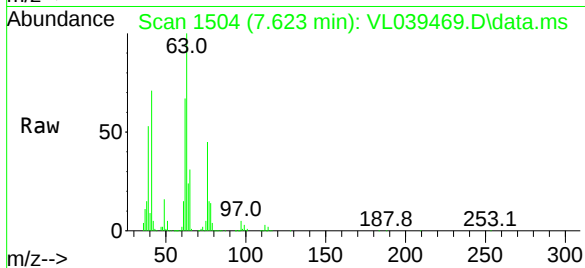
Tgt Ion:130 Resp: 1517257
Ion Ratio Lower Upper
130 100
95 108.6 87.3 130.9
132 95.9 76.7 115.1
97 70.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.243 ppbv
RT: 7.623 min Scan# 115404
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

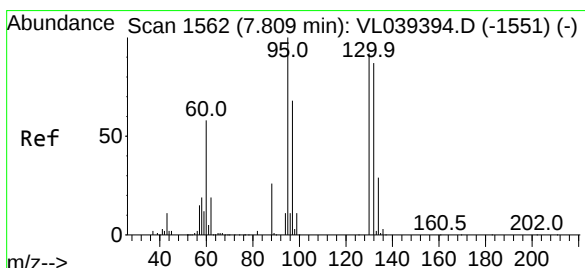
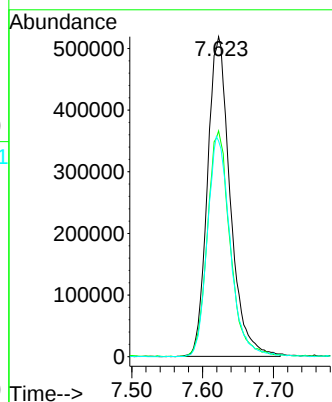
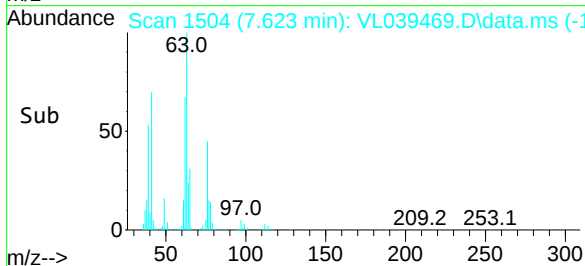
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 115404
Ion Ratio Lower Upper
63 100
41 70.5 59.6 89.4
62 67.4 51.4 77.0

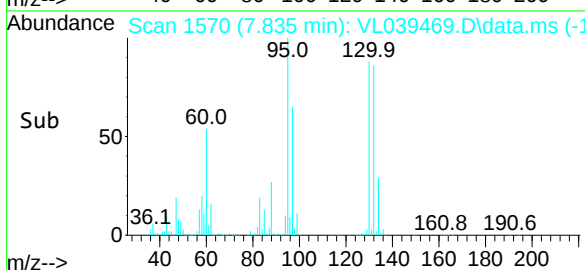
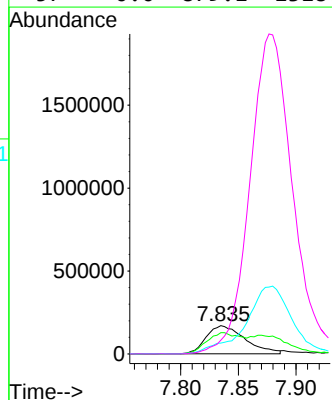
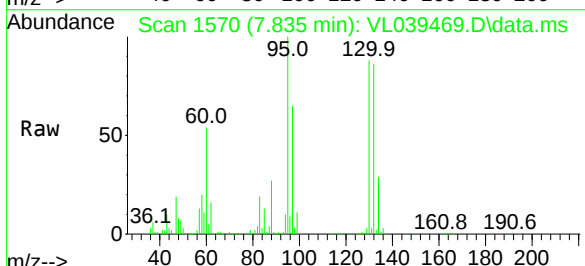
Manual Integrations
APPROVED

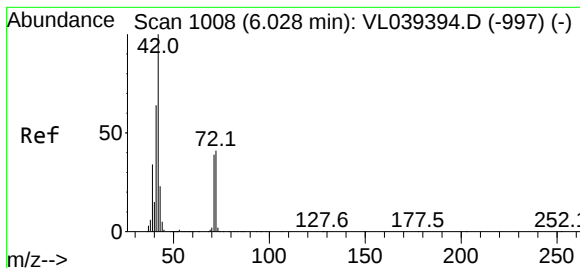
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#40
1,4-Dioxane
Concen: 8.845 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

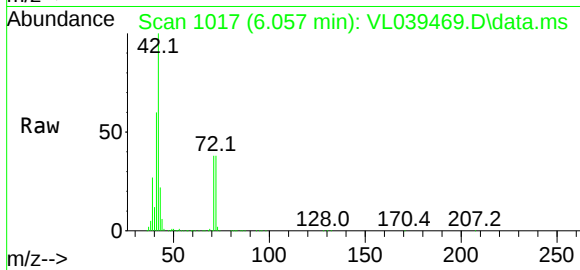
Tgt Ion: 88 Resp: 397133
Ion Ratio Lower Upper
88 100
58 136.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.686 ppbv
RT: 6.057 min Scan# 1008
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

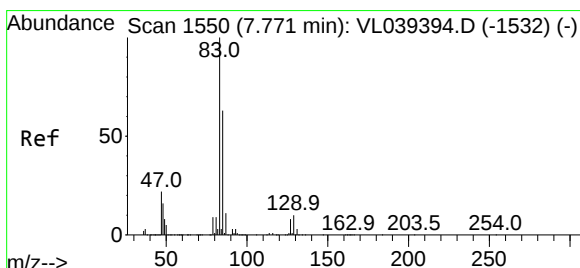
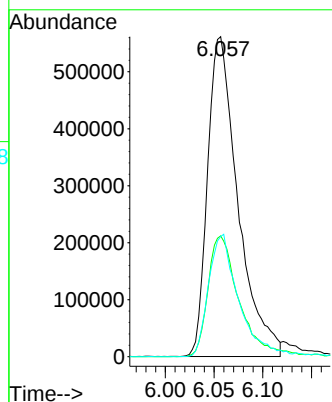
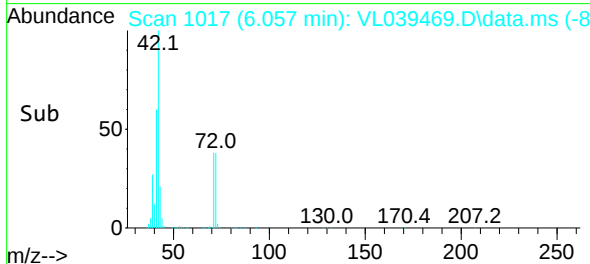
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



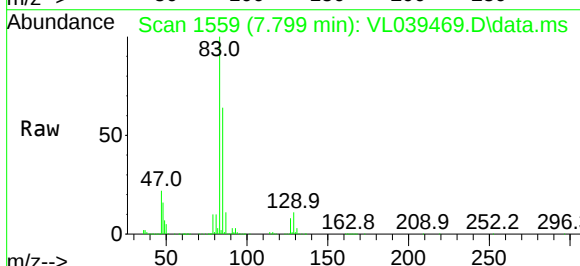
Tgt Ion: 42 Resp: 1214662
Ion Ratio Lower Upper
42 100
72 39.8 31.8 47.8
71 39.1 31.8 47.8

Manual Integrations
APPROVED

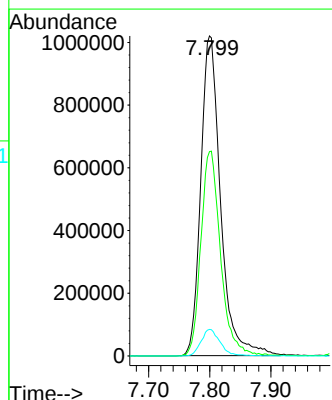
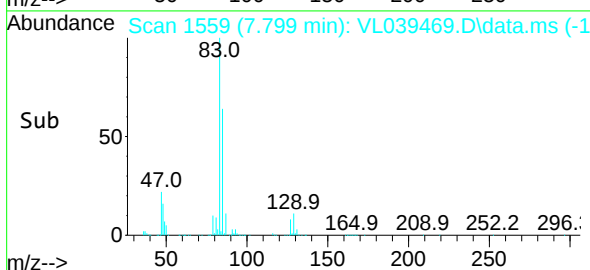
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

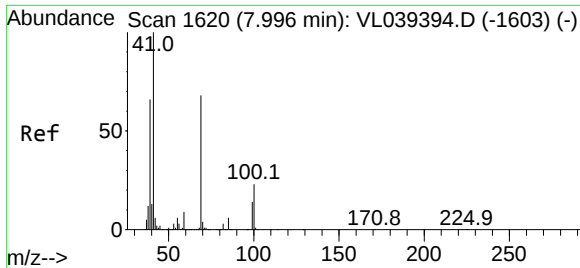


#42
Bromodichloromethane
Concen: 9.578 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



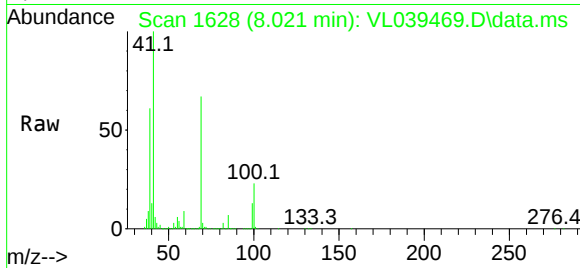
Tgt Ion: 83 Resp: 2299049
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.642 ppbv
RT: 8.021 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

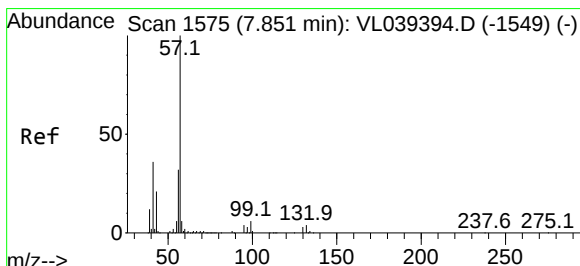
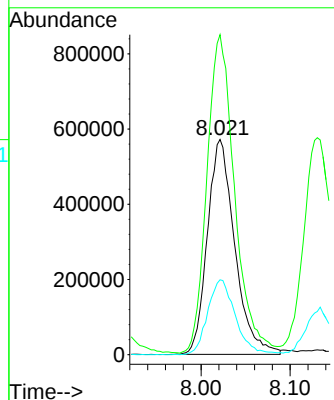
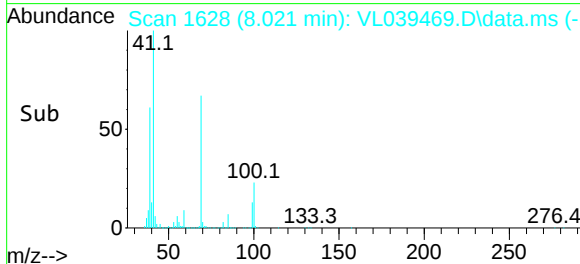
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



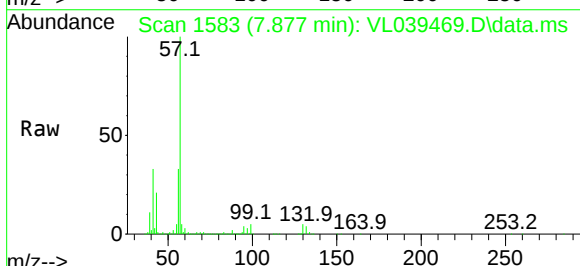
Tgt Ion: 69 Resp: 1220430
Ion Ratio Lower Upper
69 100
41 151.2 120.8 181.2
100 35.4 27.8 41.6

Manual Integrations
APPROVED

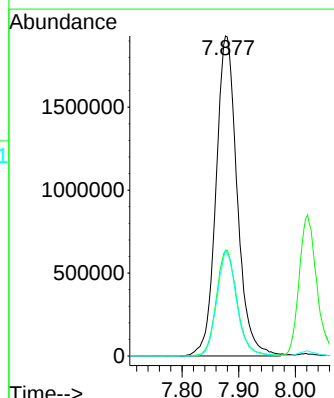
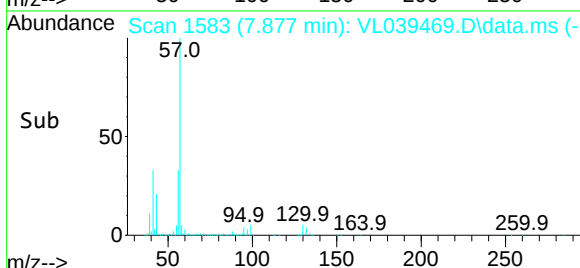
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

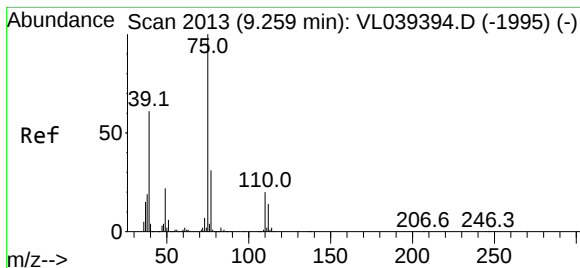


#44
2,2,4-Trimethylpentane
Concen: 9.771 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



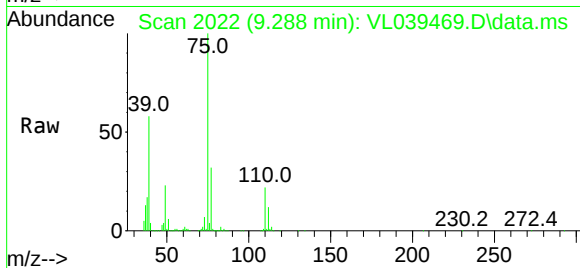
Tgt Ion: 57 Resp: 4994129
Ion Ratio Lower Upper
57 100
41 32.4 27.4 41.2
56 31.1 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.849 ppbv
RT: 9.288 min Scan# 2013
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

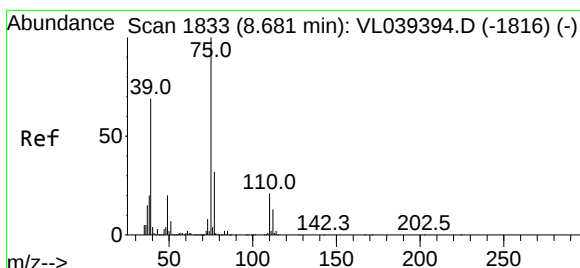
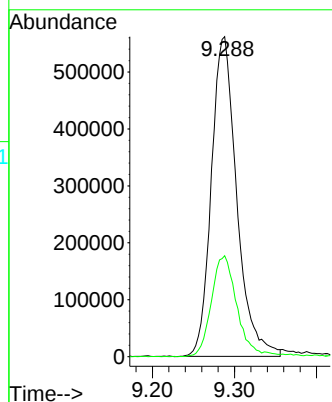
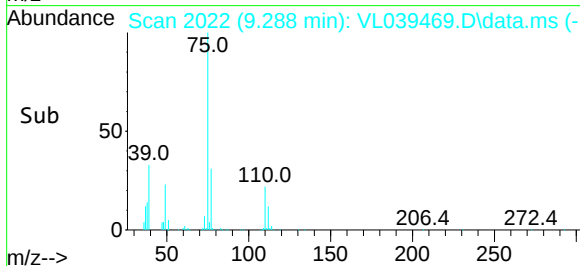
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



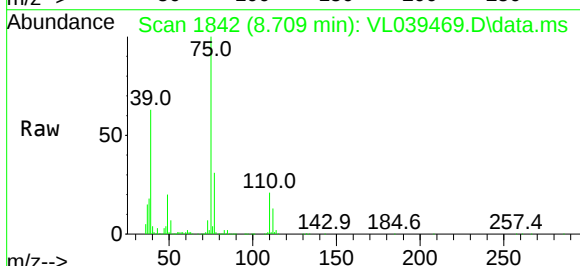
Tgt Ion: 75 Resp: 1209819
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8

Manual Integrations
APPROVED

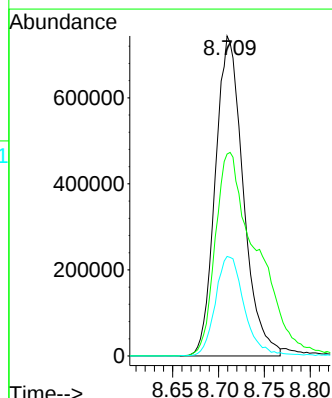
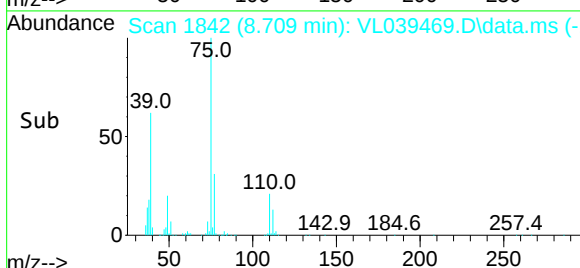
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

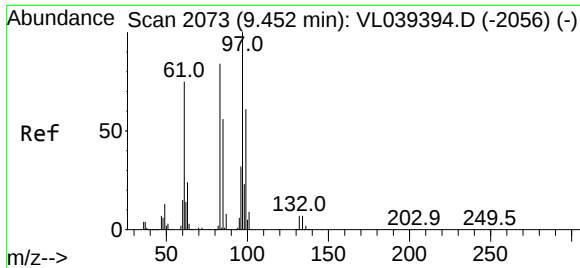


#46
cis-1,3-Dichloropropene
Concen: 11.203 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



Tgt Ion: 75 Resp: 1574501
Ion Ratio Lower Upper
75 100
39 63.0 55.0 82.4
77 31.1 25.7 38.5





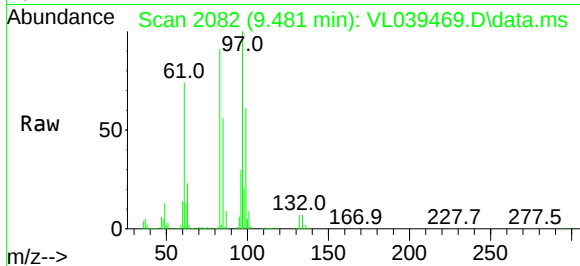
#47
1,1,2-Trichloroethane
Concen: 9.527 ppbv
RT: 9.481 min Scan# 2073
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



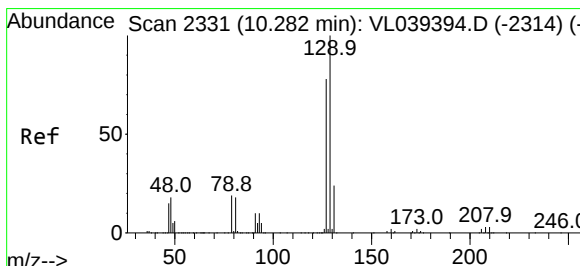
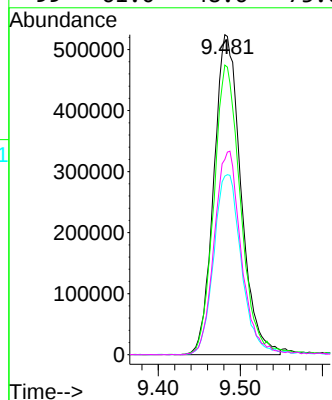
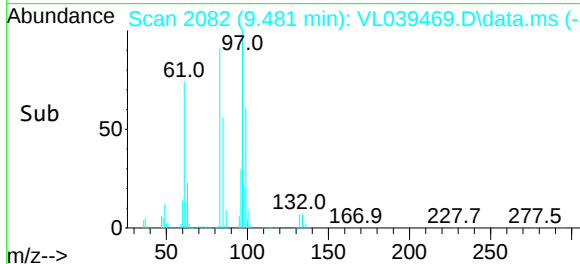
Tgt Ion: 97 Resp: 120447

Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.4	101.0
85	55.8	45.1	67.7
99	61.0	48.6	73.0

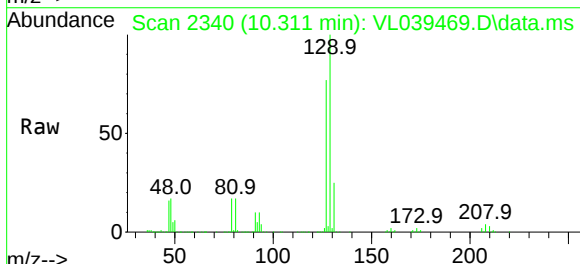
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

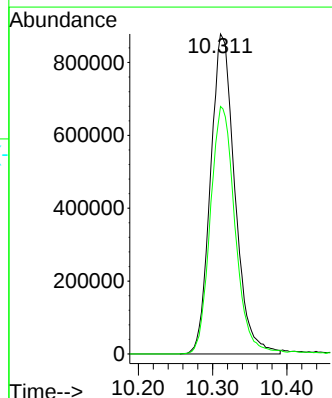
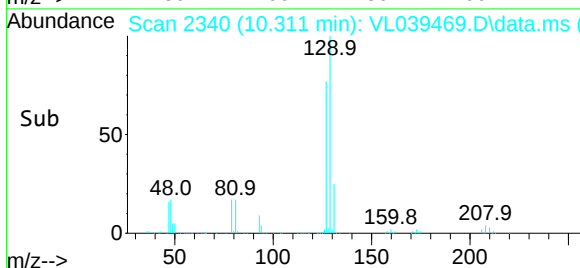


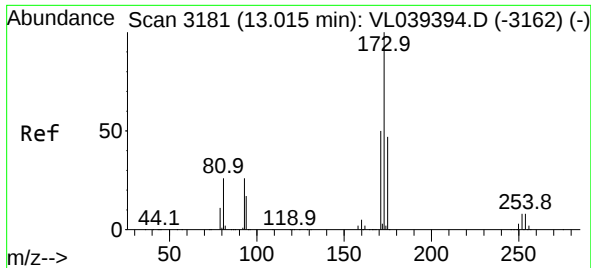
#48
Dibromochloromethane
Concen: 9.947 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



Tgt Ion:129 Resp: 1998755

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.3	117.9





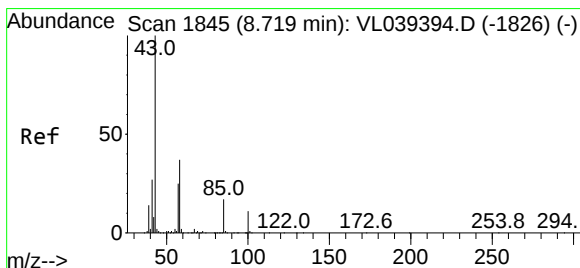
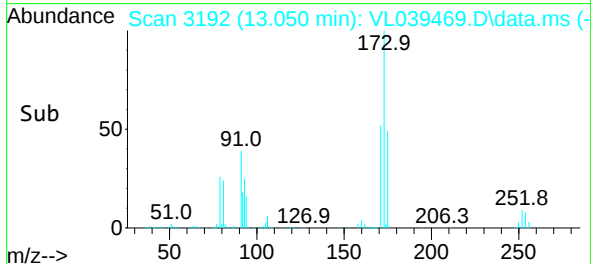
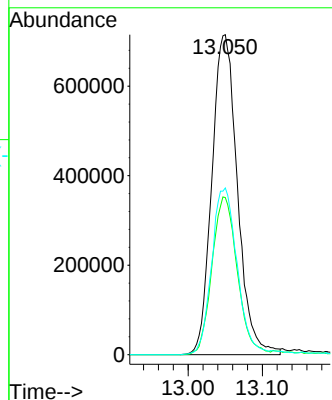
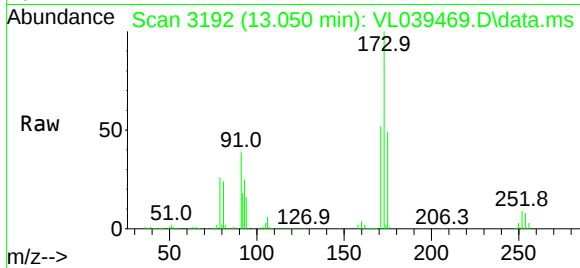
#49
Bromoform
Concen: 10.561 ppbv
RT: 13.050 min Scan# 3181
Delta R.T. 0.035 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1711914
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 53.3 42.9 64.3

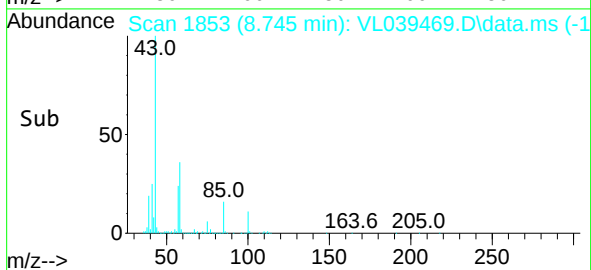
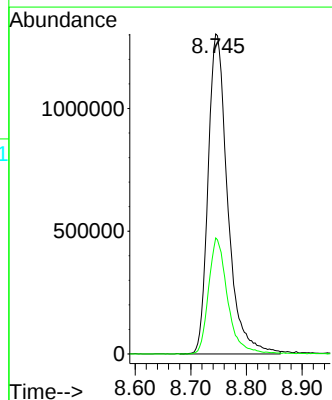
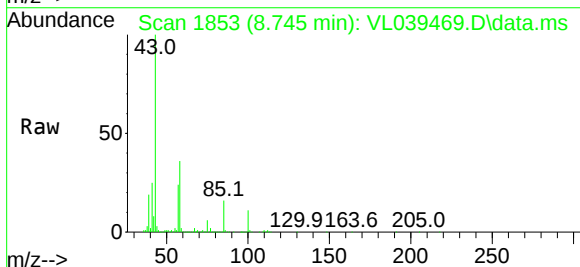
Manual Integrations
APPROVED

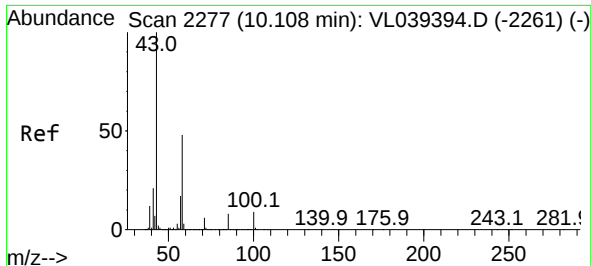
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#50
4-Methyl-2-Pentanone
Concen: 10.696 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

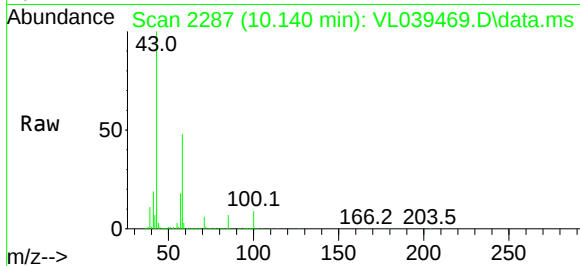
Tgt Ion: 43 Resp: 3172596
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 11.093 ppbv
RT: 10.140 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

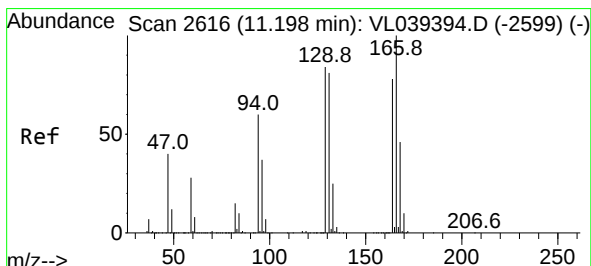
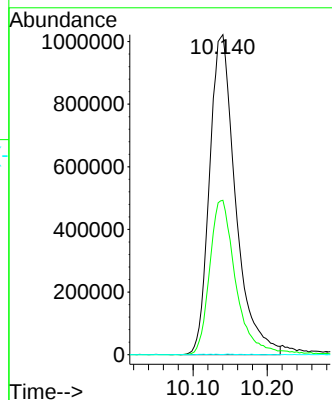
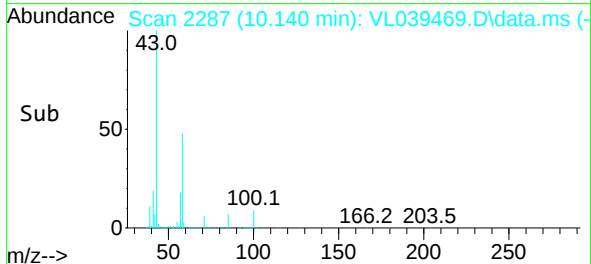
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



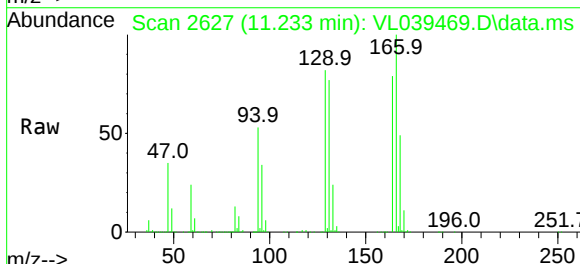
Tgt Ion: 43 Resp: 2488630
Ion Ratio Lower Upper
43 100
58 49.1 38.4 57.6
98 0.2 0.3 0.5

Manual Integrations
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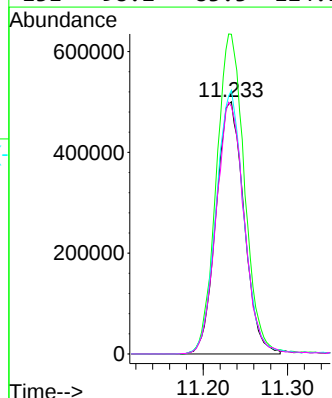
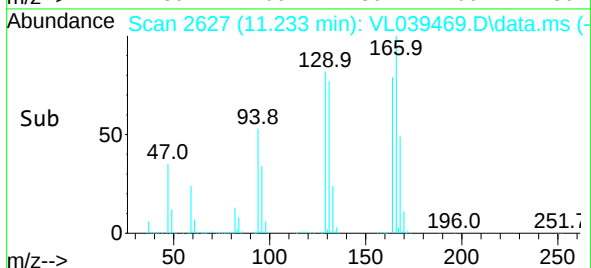
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

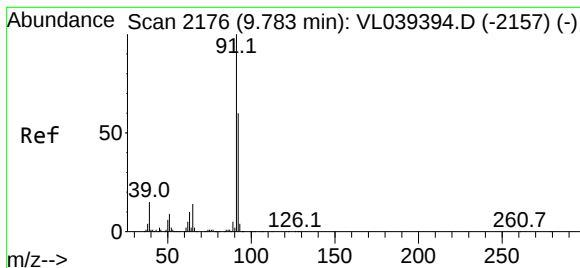


#52
Tetrachloroethene
Concen: 9.461 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



Tgt Ion:164 Resp: 1148664
Ion Ratio Lower Upper
164 100
166 126.7 102.2 153.2
129 104.5 85.8 128.8
131 98.2 83.3 124.9





#53

Toluene

Concen: 10.191 ppbv

RT: 9.815 min Scan# 2176

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 3545250

Ion Ratio Lower Upper

91 100

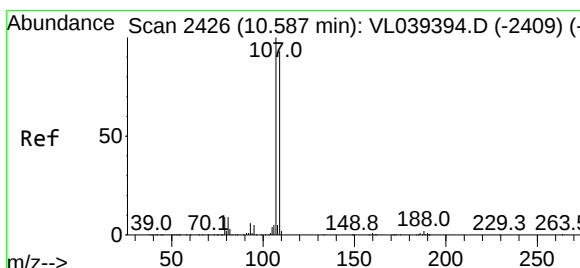
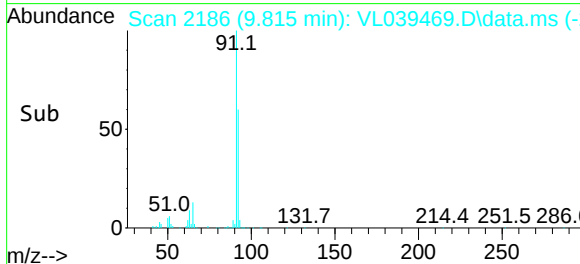
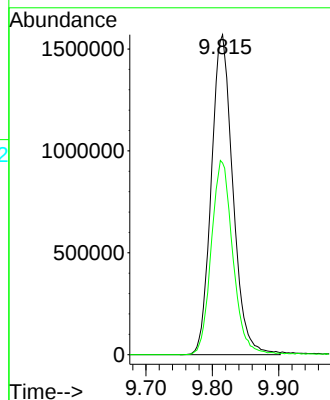
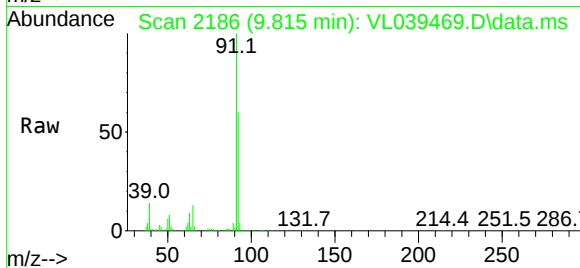
92 60.8 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#54

1,2-Dibromoethane

Concen: 10.026 ppbv

RT: 10.619 min Scan# 2436

Delta R.T. 0.032 min

Lab File: VL039469.D

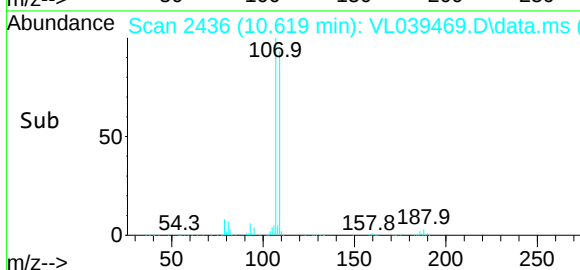
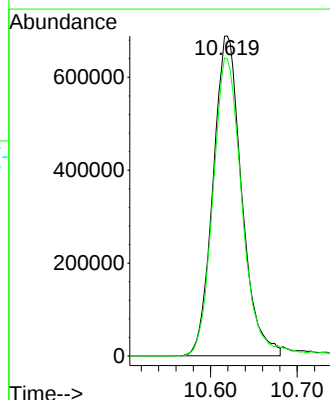
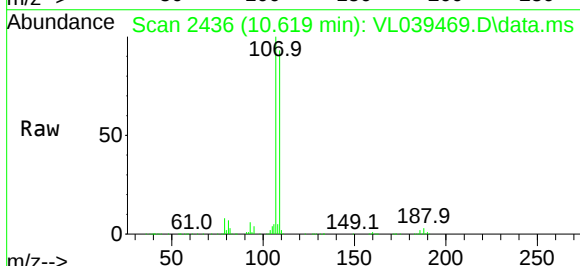
Acq: 13 Jul 2022 16:49

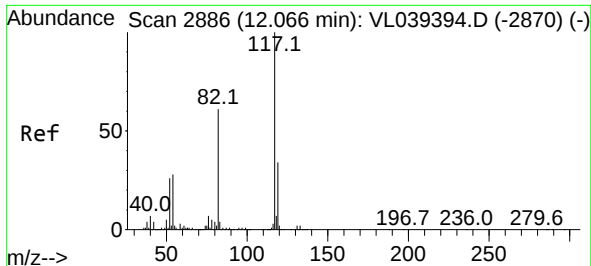
Tgt Ion:107 Resp: 1577176

Ion Ratio Lower Upper

107 100

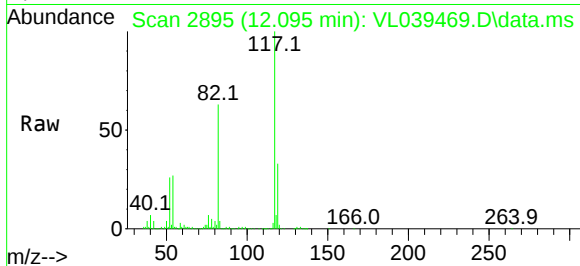
109 92.8 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.095 min Scan# 2886
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

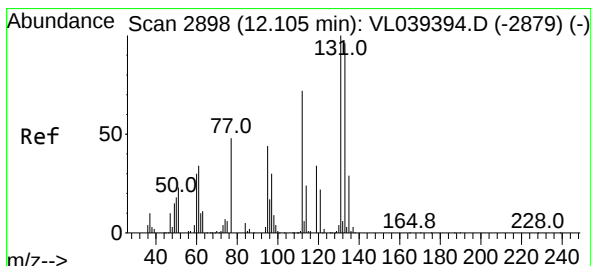
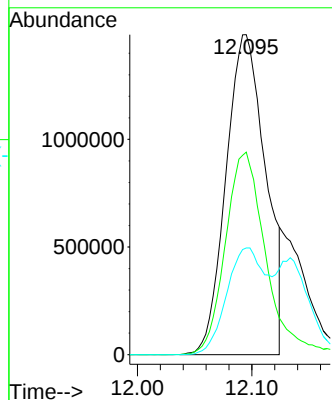
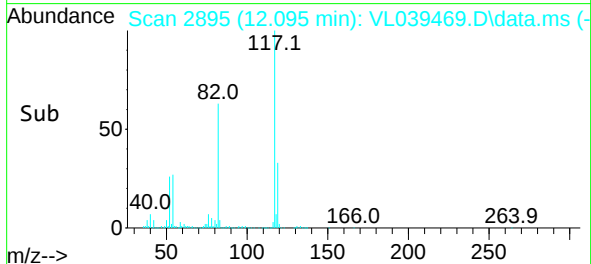
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



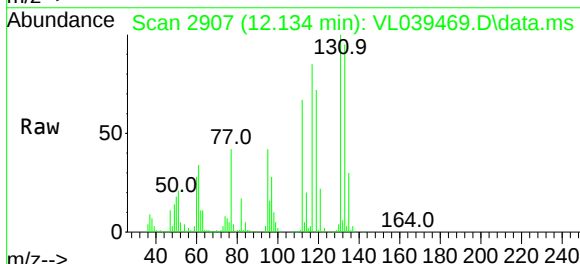
Tgt Ion:117 Resp: 357936
Ion Ratio Lower Upper
117 100
82 66.6 50.8 76.2
119 31.3 24.1 36.1

Manual Integrations
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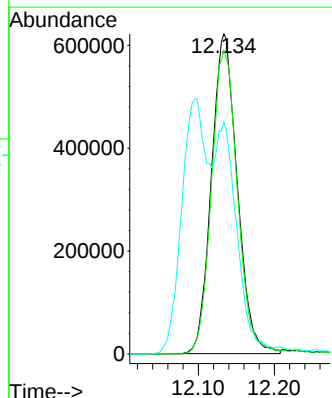
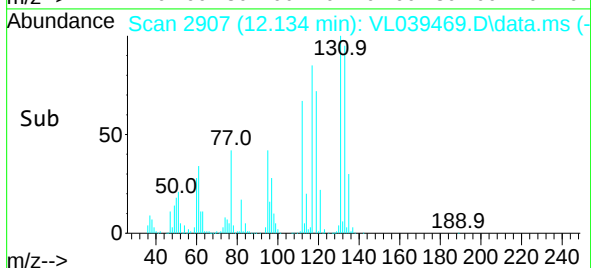
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

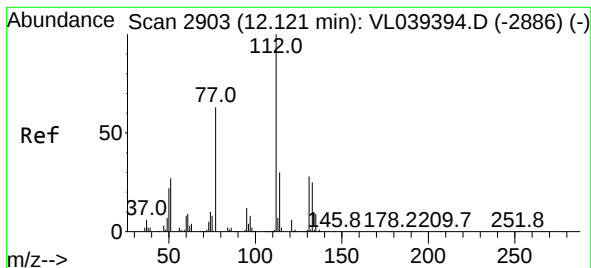


#56
1,1,1,2-Tetrachloroethane
Concen: 9.256 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



Tgt Ion:131 Resp: 1463639
Ion Ratio Lower Upper
131 100
133 96.1 76.8 115.2
119 70.7 46.2 69.4#





#57

Chlorobenzene

Concen: 9.414 ppbv

RT: 12.153 min Scan# 2903

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2612320

Ion Ratio Lower Upper

112 100

77 65.0 51.0 76.4

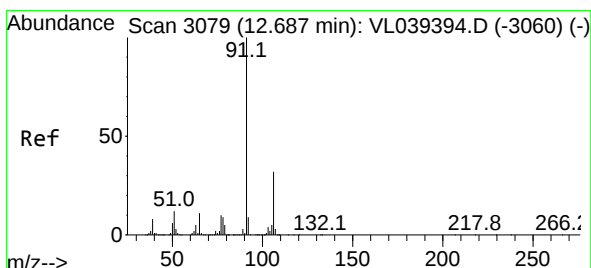
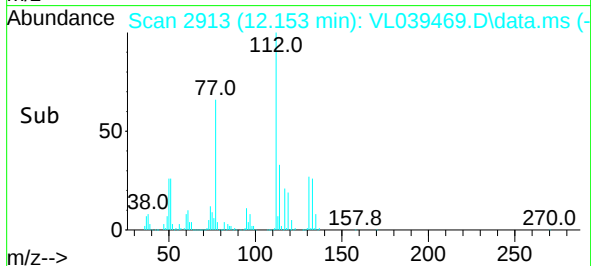
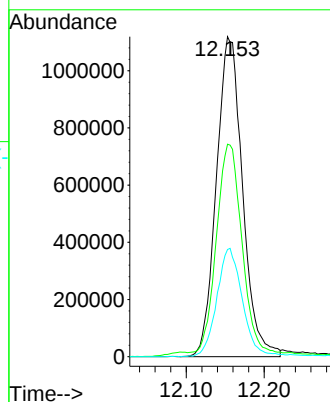
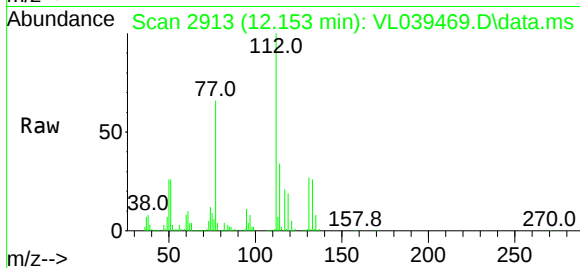
114 33.5 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#58

Ethyl Benzene

Concen: 10.020 ppbv

RT: 12.719 min Scan# 3089

Delta R.T. 0.032 min

Lab File: VL039469.D

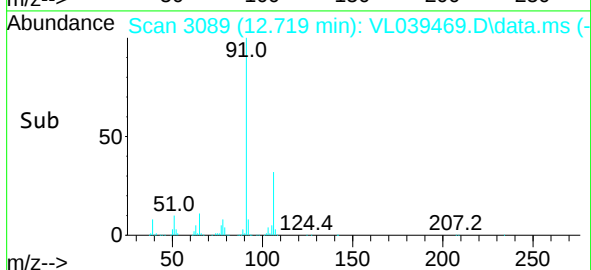
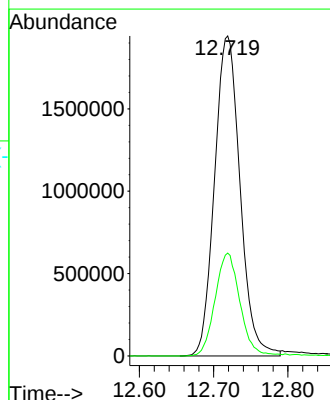
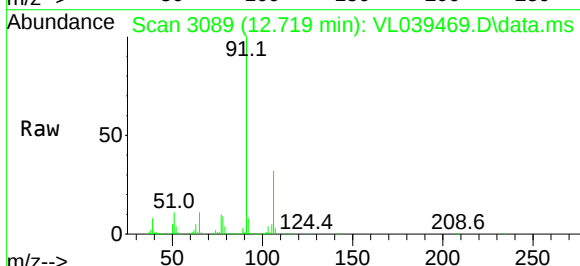
Acq: 13 Jul 2022 16:49

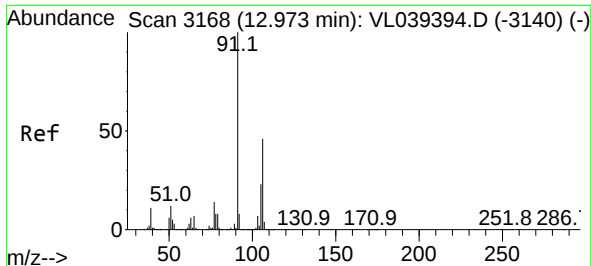
Tgt Ion: 91 Resp: 4630922

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0





#59

m/p-Xylene

Concen: 19.092 ppbv m

RT: 13.005 min Scan# 3168

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 777931

Ion Ratio Lower Upper

91 100

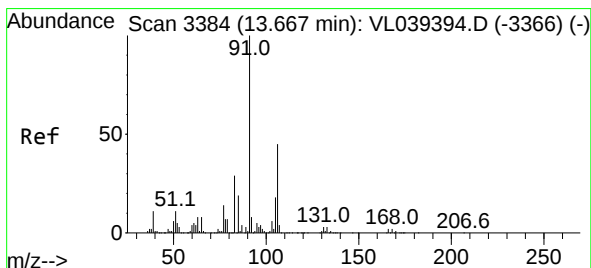
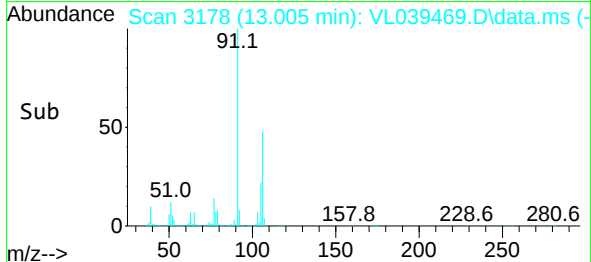
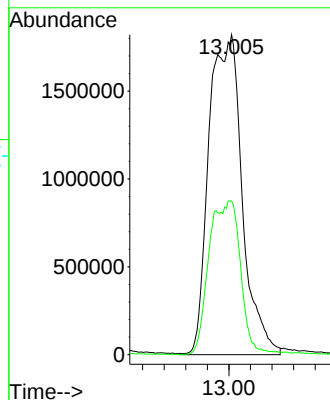
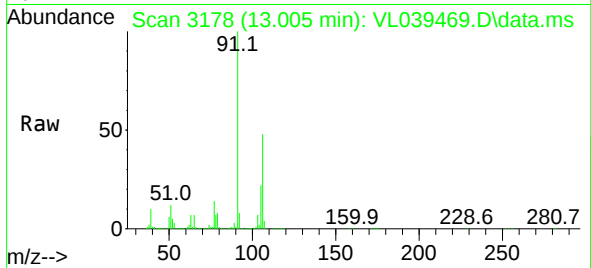
106 46.1 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#60

o-Xylene

Concen: 9.618 ppbv

RT: 13.699 min Scan# 3394

Delta R.T. 0.032 min

Lab File: VL039469.D

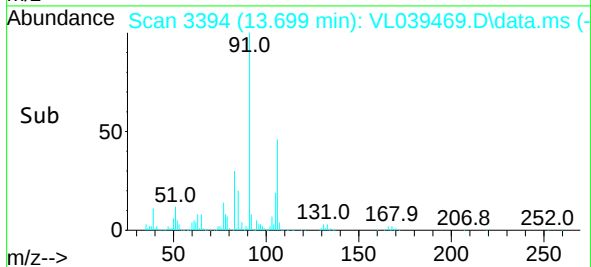
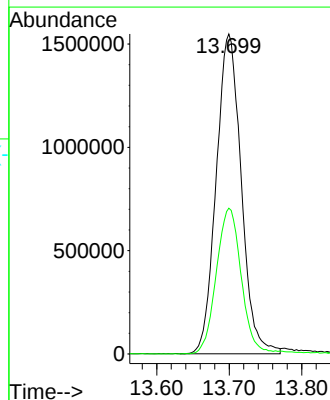
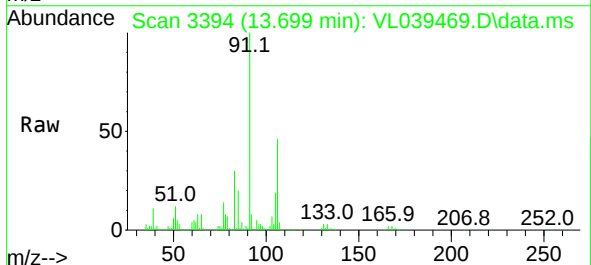
Acq: 13 Jul 2022 16:49

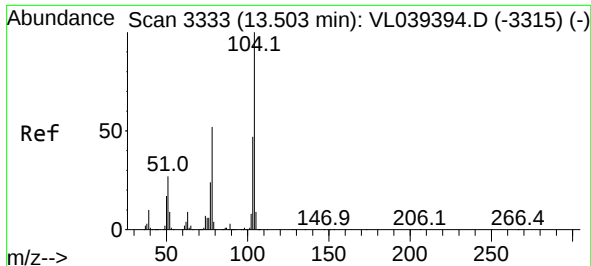
Tgt Ion: 91 Resp: 3711027

Ion Ratio Lower Upper

91 100

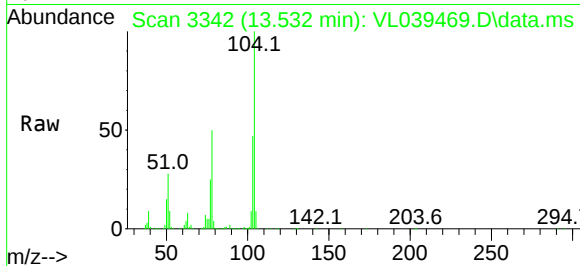
106 46.4 22.4 67.3





#61
Styrene
Concen: 11.044 ppbv
RT: 13.532 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

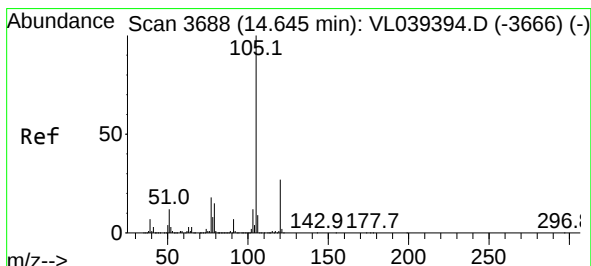
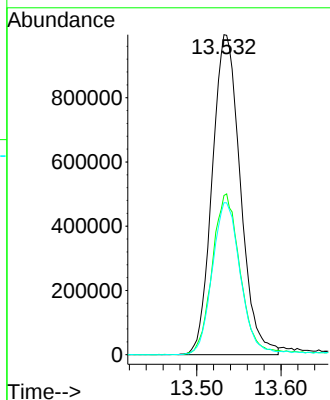
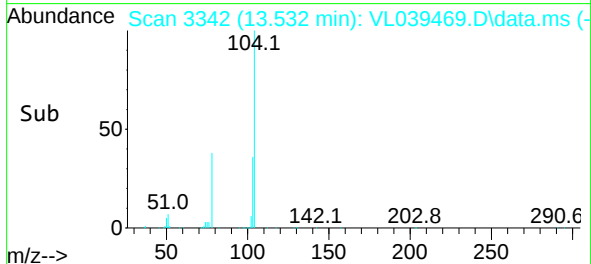
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



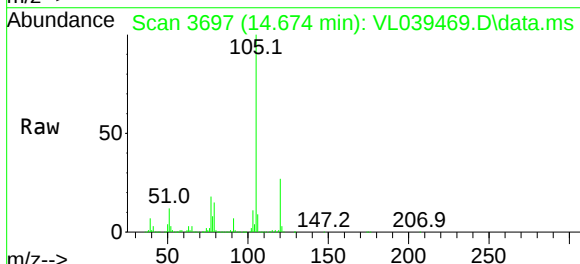
Tgt Ion:104 Resp: 230832
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 47.9 38.7 58.1

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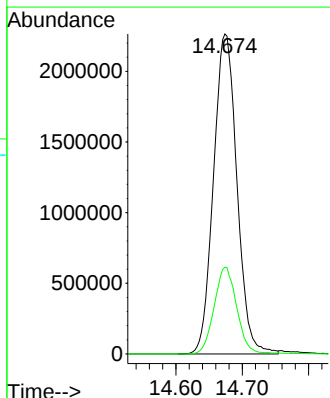
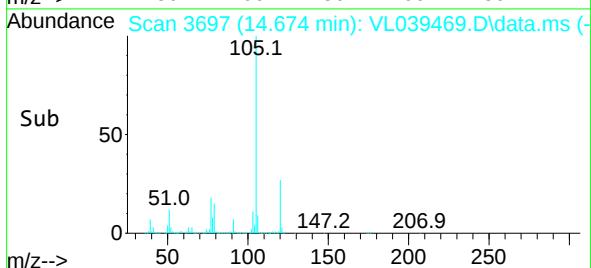
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

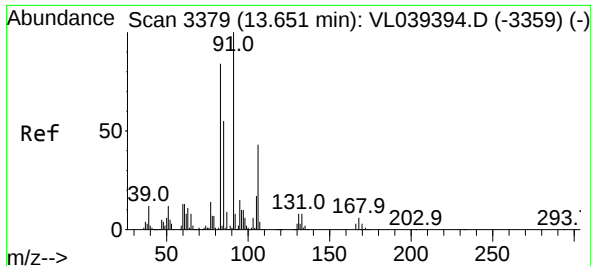


#62
Isopropylbenzene
Concen: 9.461 ppbv
RT: 14.674 min Scan# 3697
Delta R.T. 0.029 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



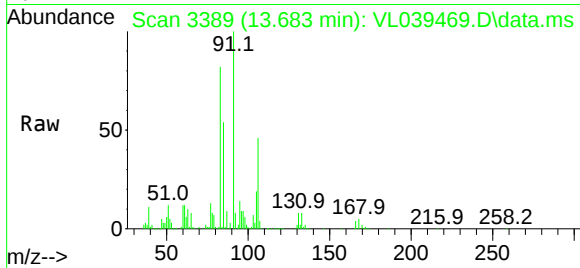
Tgt Ion:105 Resp: 5558829
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.080 ppbv
RT: 13.683 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

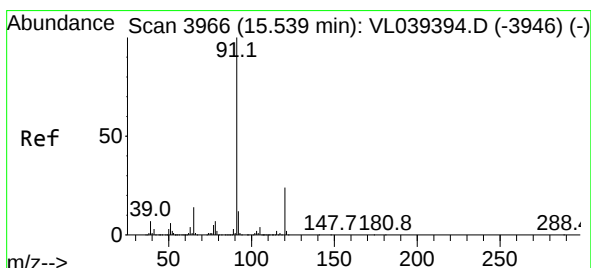
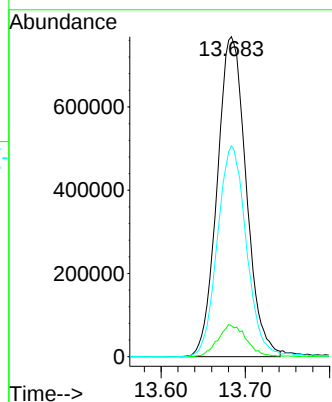
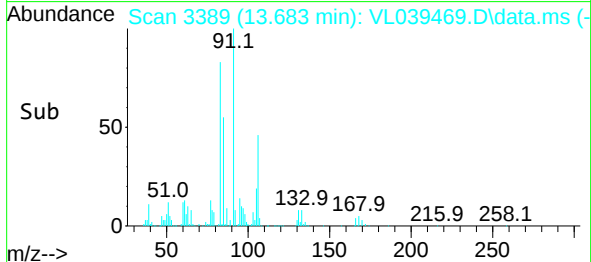
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



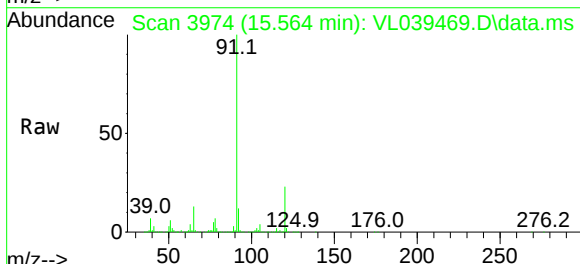
Tgt Ion: 83 Resp: 1836340
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 66.4 33.1 99.5

Manual Integrations
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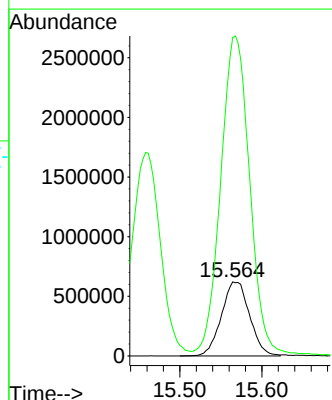
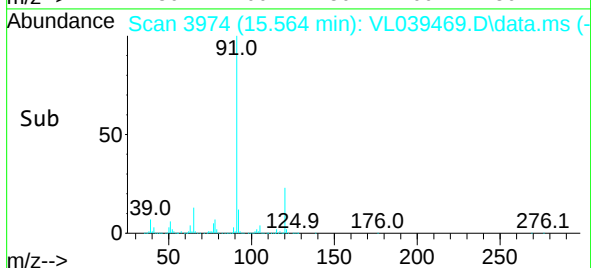
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

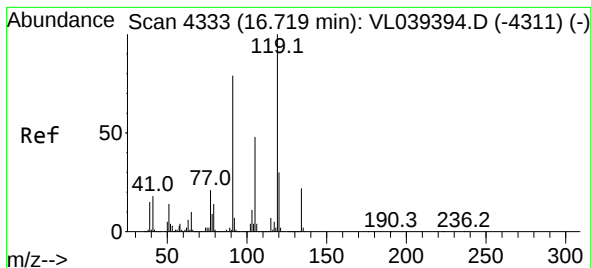


#64
n-propylbenzene
Concen: 9.953 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.026 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49



Tgt Ion:120 Resp: 1482235
Ion Ratio Lower Upper
120 100
91 447.7 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.196 ppbv

RT: 16.751 min Scan# 4119

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 499290

Ion Ratio Lower Upper

119 100

91 77.3 63.4 95.2

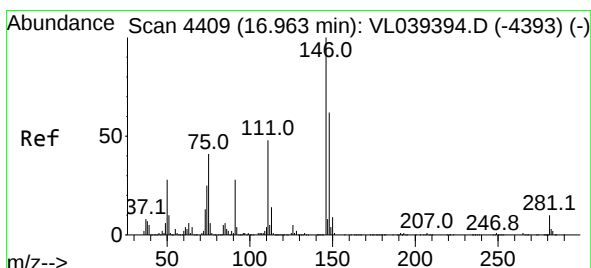
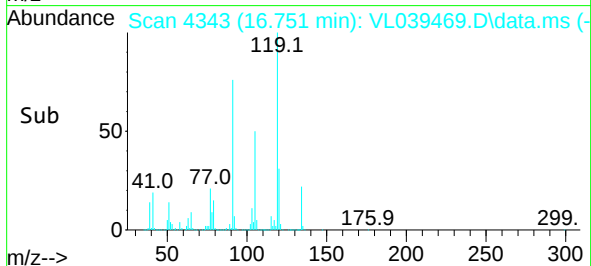
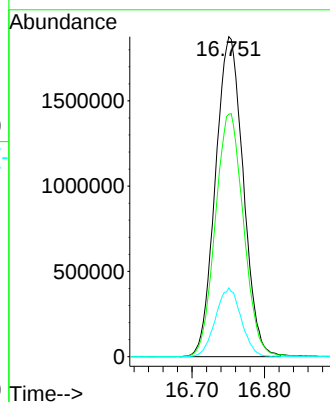
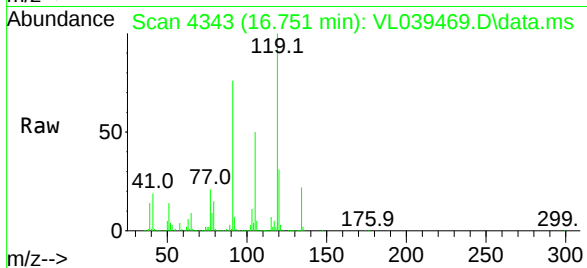
134 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#66

Benzyl Chloride

Concen: 11.270 ppbv

RT: 16.995 min Scan# 4419

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

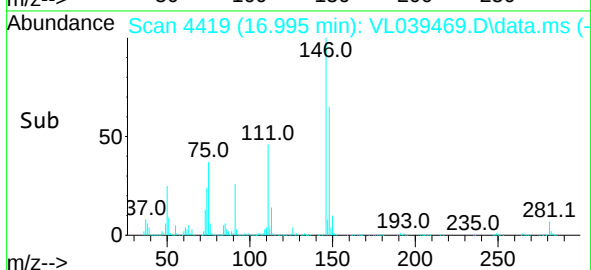
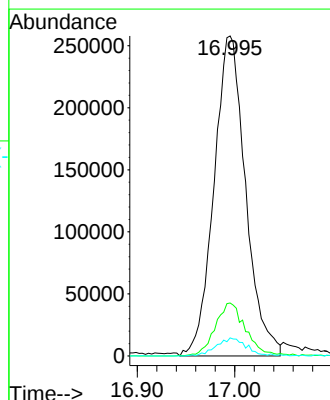
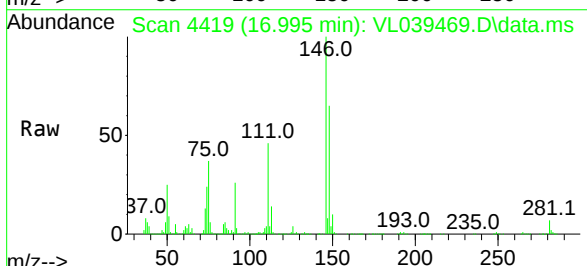
Tgt Ion: 91 Resp: 581501

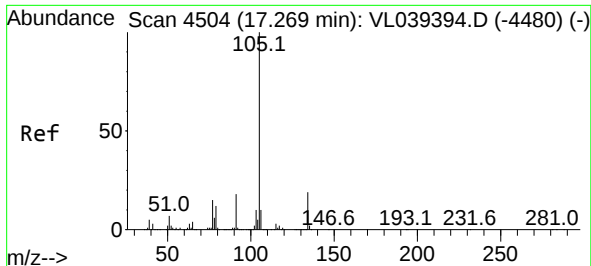
Ion Ratio Lower Upper

91 100

126 16.2 13.1 19.7

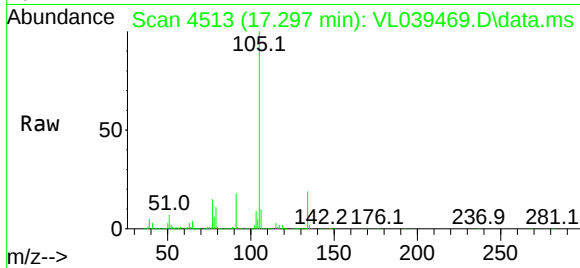
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.398 ppbv
 RT: 17.297 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

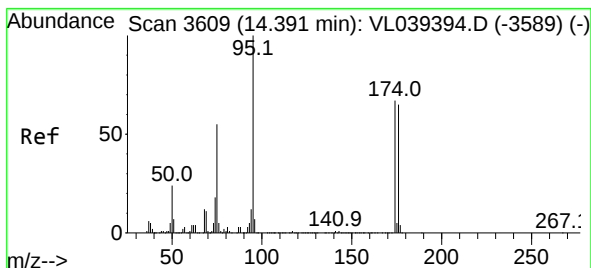
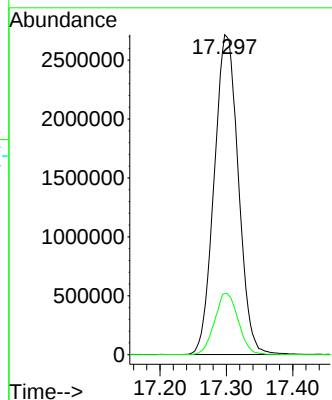
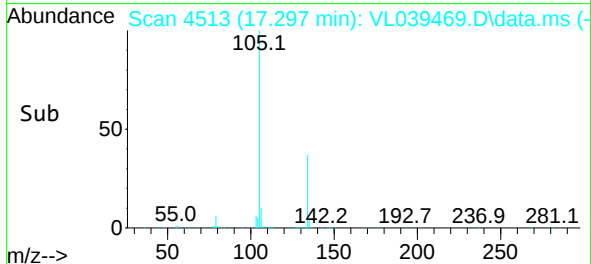
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



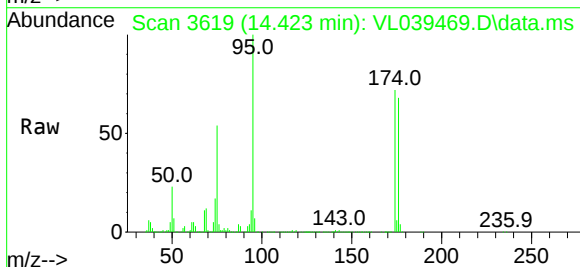
Tgt Ion: 105 Resp: 687341
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.8 22.2

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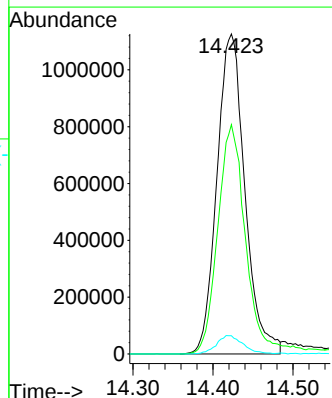
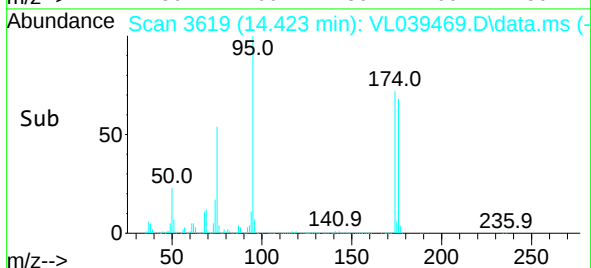
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

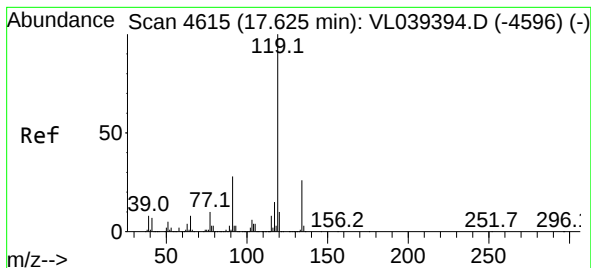


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.287 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.032 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49



Tgt Ion: 95 Resp: 2731522
 Ion Ratio Lower Upper
 95 100
 174 73.7 55.9 83.9
 175 5.6 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.491 ppbv

RT: 17.661 min Scan# 4615

Delta R.T. 0.035 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 588969

Ion Ratio Lower Upper

119 100

134 25.6 20.3 30.5

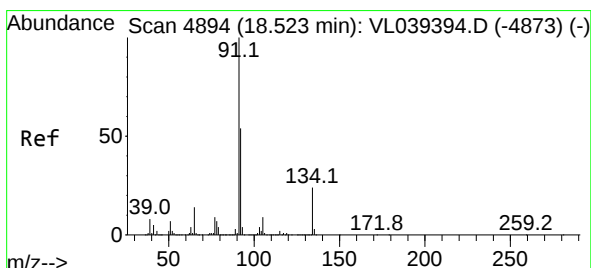
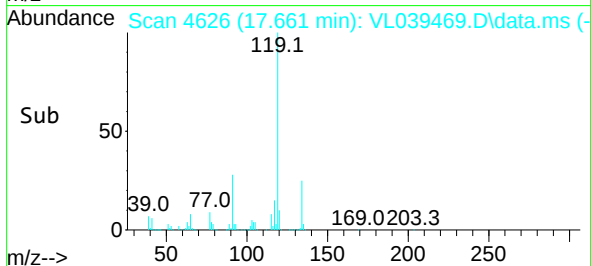
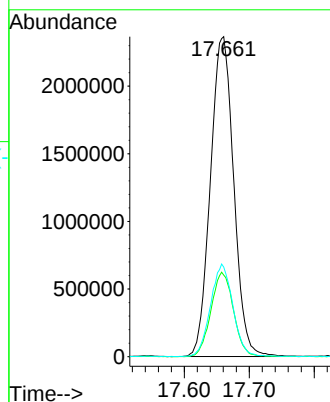
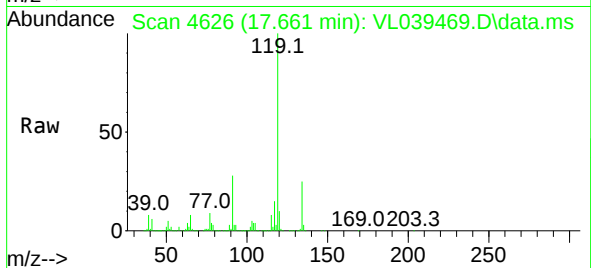
91 27.7 22.9 34.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#70

n-Butylbenzene

Concen: 9.529 ppbv

RT: 18.555 min Scan# 4904

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

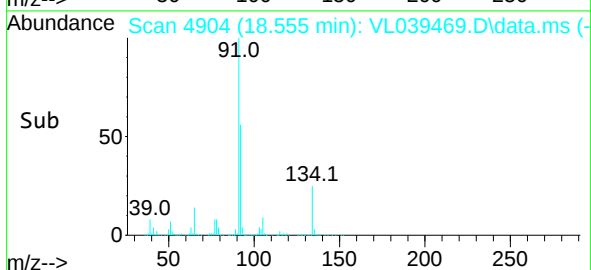
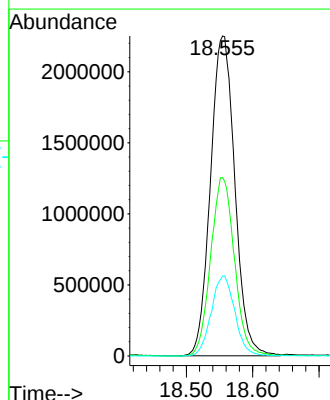
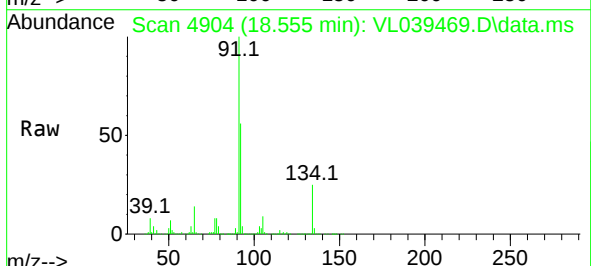
Tgt Ion: 91 Resp: 5739189

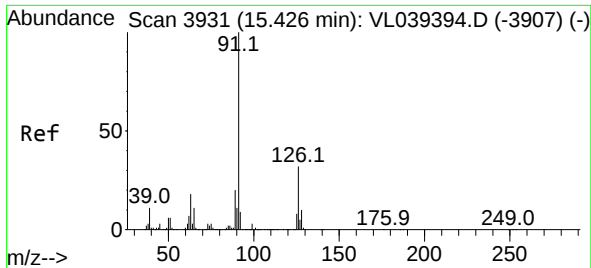
Ion Ratio Lower Upper

91 100

92 54.8 43.4 65.2

134 24.4 18.9 28.3





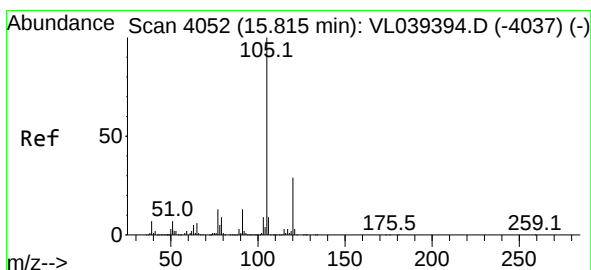
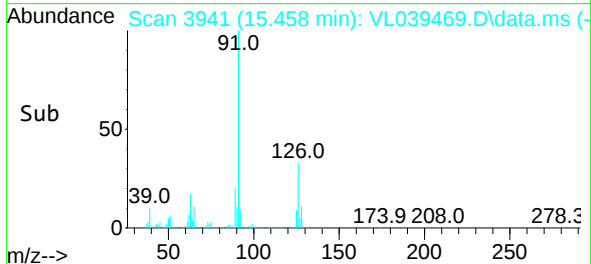
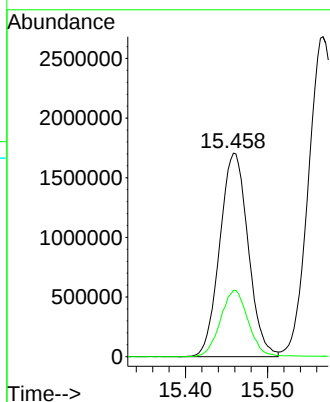
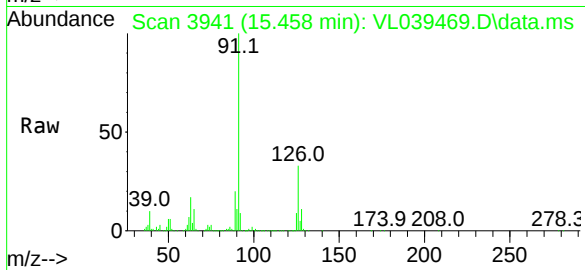
#71
2-Chlorotoluene
Concen: 9.775 ppbv
RT: 15.458 min Scan# 3931
Delta R.T. 0.032 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 4110552
Ion Ratio Lower Upper
91 100
126 32.4 13.0 51.8

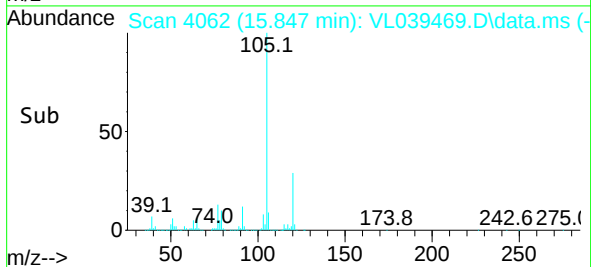
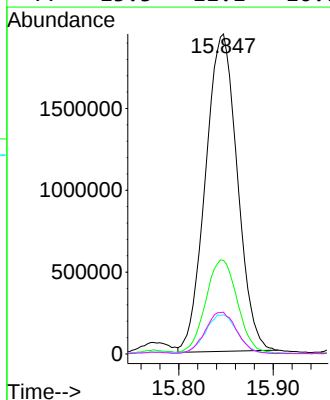
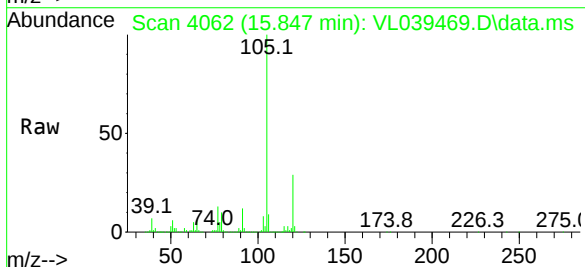
Manual Integrations
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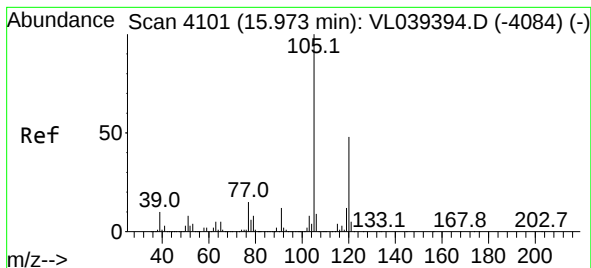
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#72
4-Ethyltoluene
Concen: 9.985 ppbv
RT: 15.847 min Scan# 4062
Delta R.T. 0.032 min
Lab File: VL039469.D
Acq: 13 Jul 2022 16:49

Tgt Ion:105 Resp: 4529828
Ion Ratio Lower Upper
105 100
120 30.1 24.2 36.2
91 13.4 10.2 15.4
77 13.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.836 ppbv

RT: 16.002 min Scan# 4101

Delta R.T. 0.029 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4098105

Ion Ratio Lower Upper

105 100

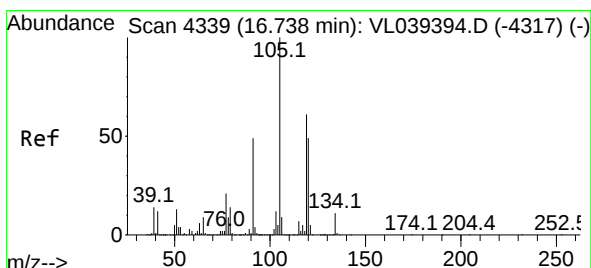
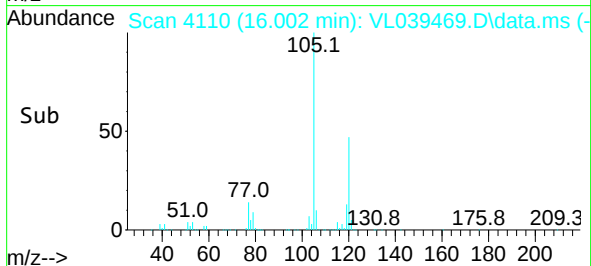
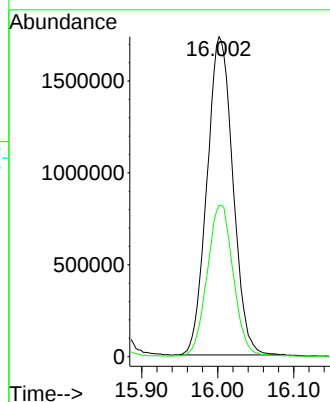
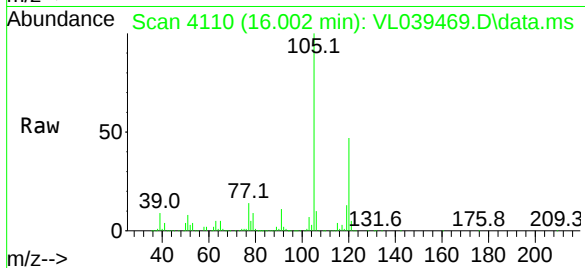
120 47.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.462 ppbv

RT: 16.770 min Scan# 4349

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Tgt Ion:105 Resp: 4361197

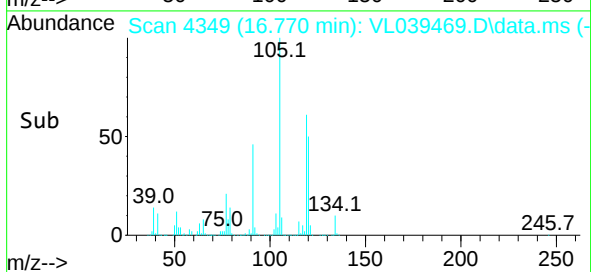
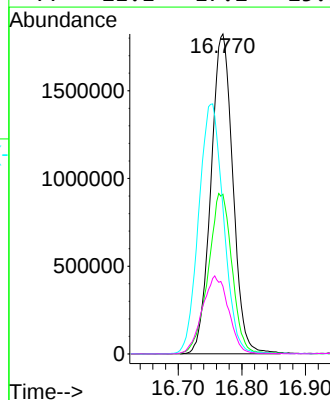
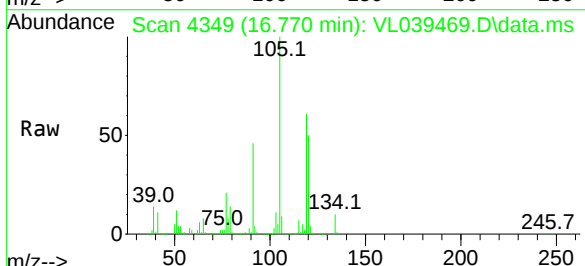
Ion Ratio Lower Upper

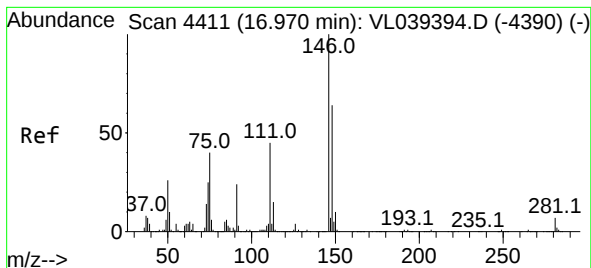
105 100

120 49.8 39.5 59.3

91 45.6 39.2 58.8

77 21.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.612 ppbv

RT: 17.002 min Scan# 4411

Delta R.T. 0.032 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2642610

Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.7

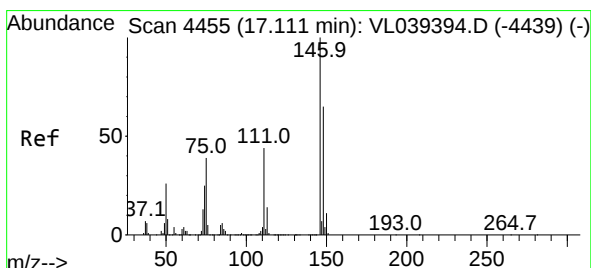
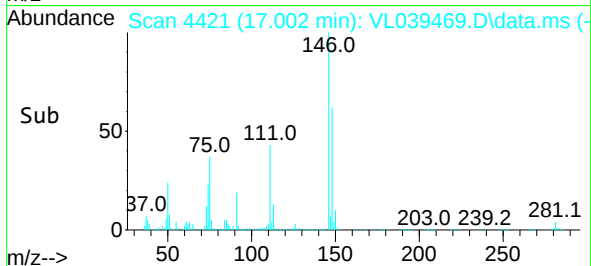
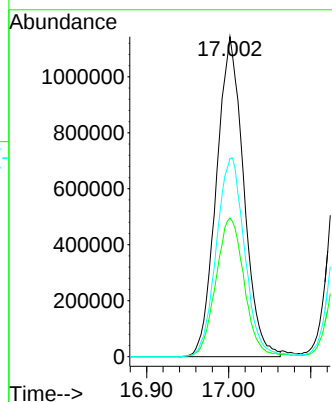
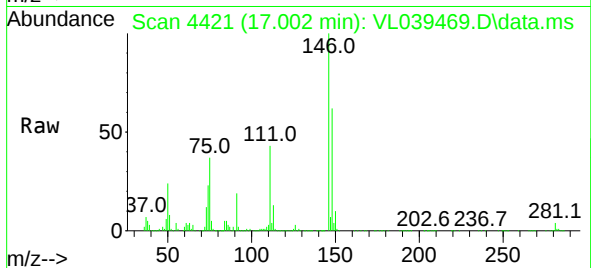
148 64.8 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#76

1,4-Dichlorobenzene

Concen: 9.439 ppbv

RT: 17.140 min Scan# 4464

Delta R.T. 0.029 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

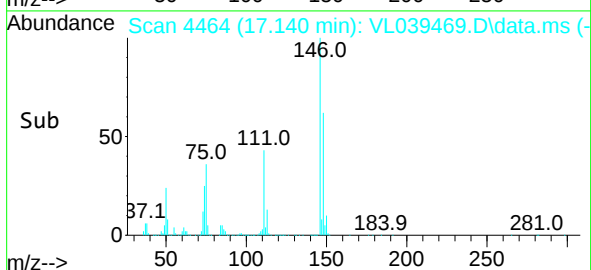
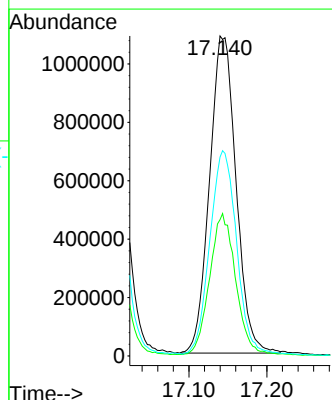
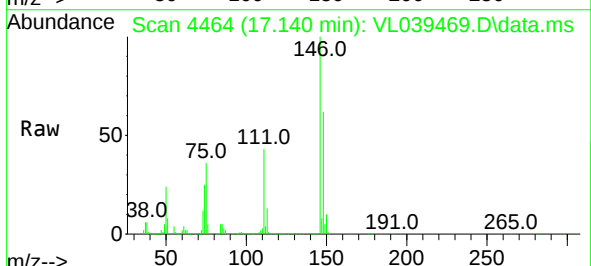
Tgt Ion:146 Resp: 2572215

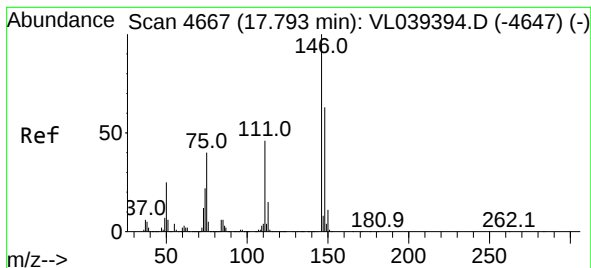
Ion Ratio Lower Upper

146 100

111 45.0 22.9 68.8

148 66.5 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.346 ppbv

RT: 17.822 min Scan# 40

Delta R.T. 0.029 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 254706

Ion Ratio Lower Upper

146 100

111 47.3 23.8 71.5

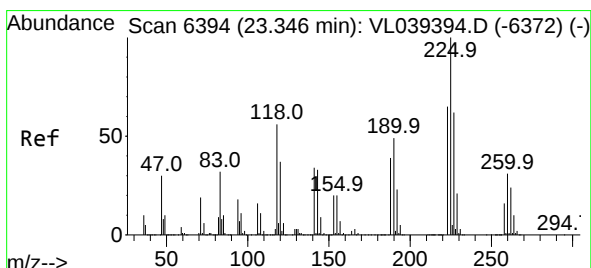
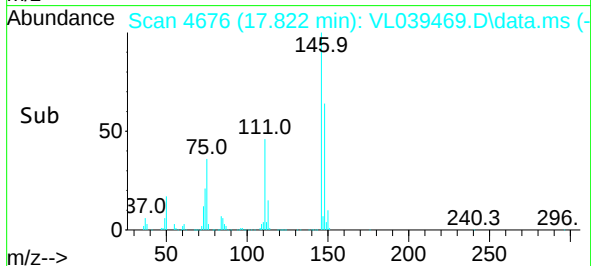
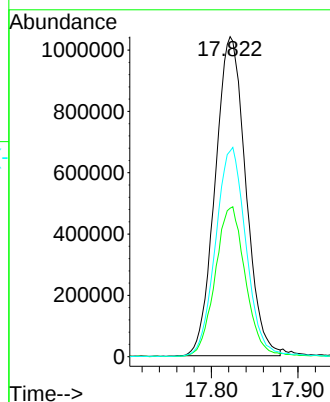
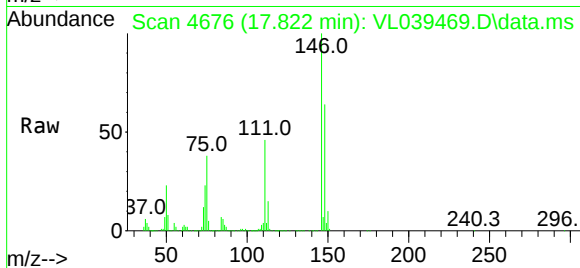
148 66.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.249 ppbv

RT: 23.381 min Scan# 6405

Delta R.T. 0.035 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

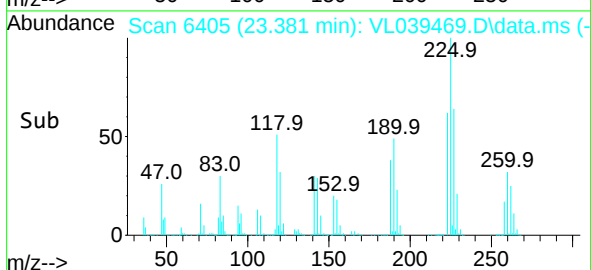
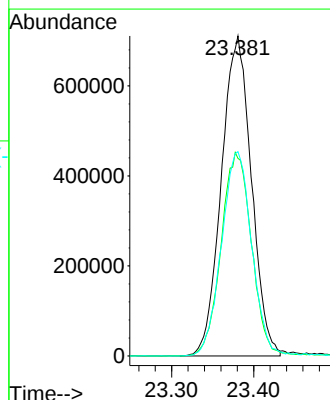
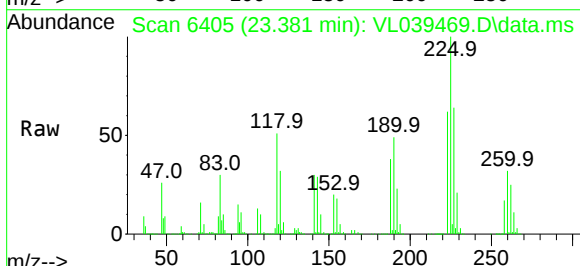
Tgt Ion:225 Resp: 1808052

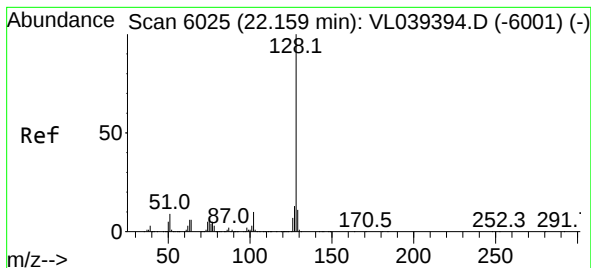
Ion Ratio Lower Upper

225 100

223 64.9 51.8 77.6

227 64.9 51.4 77.2





#79

Naphthalene

Concen: 11.161 ppbv

RT: 22.198 min Scan# 6025

Delta R.T. 0.038 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 3540080

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

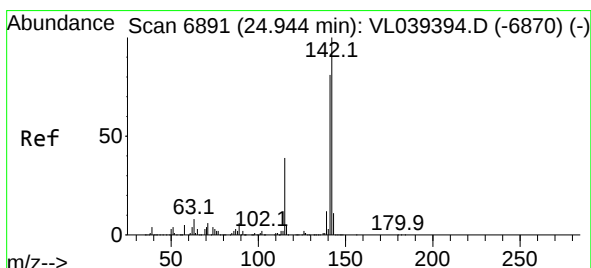
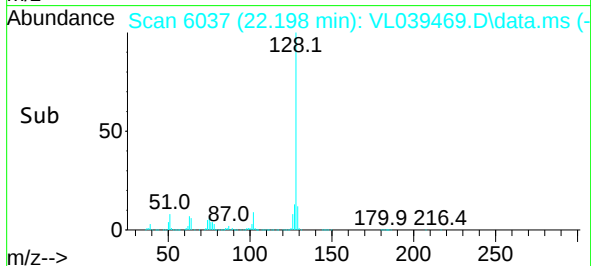
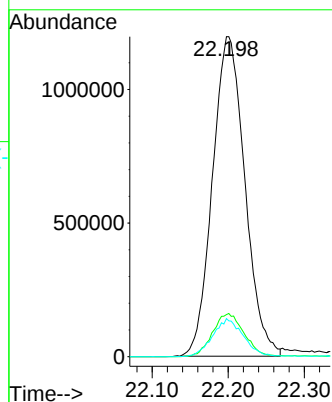
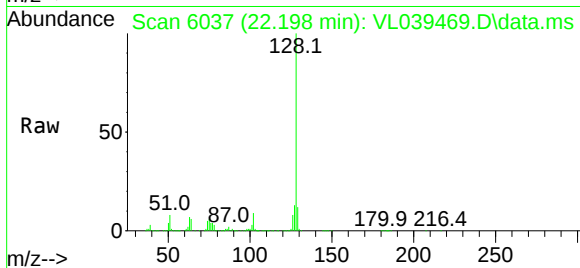
129 11.9 8.8 13.2

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#80

Naphthalene,2-methyl-

Concen: 11.115 ppbv

RT: 24.969 min Scan# 6899

Delta R.T. 0.026 min

Lab File: VL039469.D

Acq: 13 Jul 2022 16:49

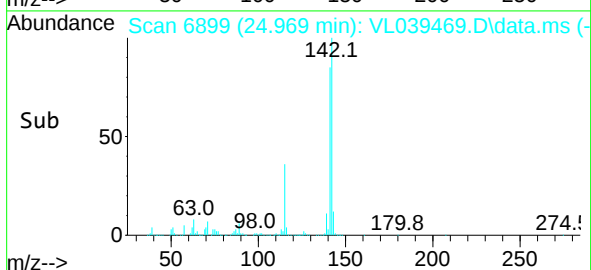
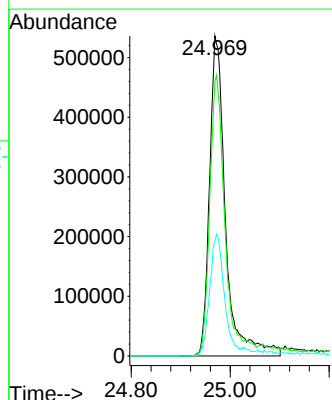
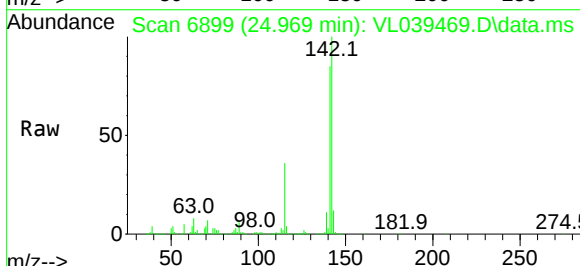
Tgt Ion:142 Resp: 1199996

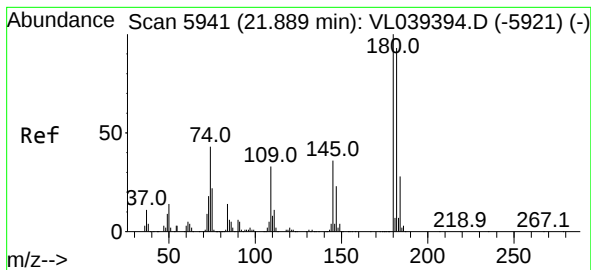
Ion Ratio Lower Upper

142 100

141 88.8 68.9 103.3

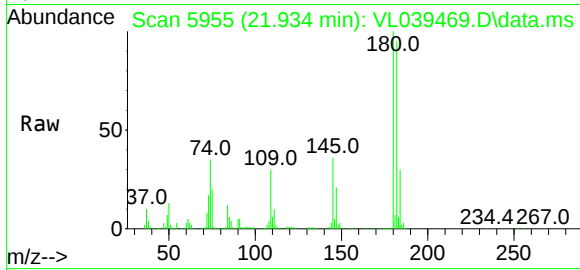
115 38.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.113 ppbv
 RT: 21.934 min Scan# 5941
 Delta R.T. 0.045 min
 Lab File: VL039469.D
 Acq: 13 Jul 2022 16:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 2089430
 Ion Ratio Lower Upper
 180 100
 182 98.2 77.1 115.7
 184 30.8 24.3 36.5

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