

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039419.D
 Acq On : 5 Jul 2022 13:18
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:18:07 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1329835	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	3654829	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.086	117	3502206m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 2607841 10.037 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1803215	9.401	ppbv	100
3) Chlorodifluoromethane	2.993	51	1537994	9.116	ppbv	98
4) Chloromethane	3.144	50	869527	9.423	ppbv	99
5) Vinyl Chloride	3.260	62	810080	8.903	ppbv	97
6) Bromomethane	3.478	94	364056	9.507	ppbv	99
7) Chloroethane	3.562	64	302042	9.333	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1961563	9.362	ppbv	99
9) Propene	3.012	41	708086	9.293	ppbv	99
10) Heptane	8.124	43	1785209	10.003	ppbv	100
11) Trichlorofluoromethane	3.954	101	1908143	8.927	ppbv	100
12) 1,1,2-Trichlorotrifluoro...	4.488	101	1433457	8.996	ppbv	99
13) Ethanol	3.604	45	46534m	10.527	ppbv	
14) Bromoethene	3.745	108	609347	9.096	ppbv	98
15) Acetone	3.851	43	1479470	9.404	ppbv	100
16) 1,3-Butadiene	3.333	39	794672	9.735	ppbv	99
17) tert-Butyl alcohol	4.285	59	1319200	9.879	ppbv	99
18) 1,1-Dichloroethene	4.292	96	653827	9.057	ppbv	99
19) Isopropyl Alcohol	3.957	45	795119	9.475	ppbv #	97
20) Methylene Chloride	4.346	84	543900	8.673	ppbv	97
21) Allyl Chloride	4.414	41	1048438	9.622	ppbv	97
22) trans-1,2-Dichloroethene	4.886	96	652705	9.341	ppbv	97
23) Vinyl Acetate	5.073	43	1105027	10.510	ppbv	99
24) 1,1-Dichloroethane	5.012	63	1479049	9.960	ppbv	98
25) Ethyl Acetate	5.674	43	3189829	9.888	ppbv	100
26) Hexane	5.690	57	1347959	10.366	ppbv	99
27) Carbon Disulfide	4.552	76	1626534	10.363	ppbv	99
28) Methyl tert-Butyl Ether	5.034	73	1469842	10.572	ppbv	97
29) Chloroform	5.751	83	2104383	9.307	ppbv	99
30) Cyclohexane	7.131	84	1172492	9.904	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1366681	9.905	ppbv	99
32) 1,1,1-Trichloroethane	6.513	97	2099088	9.405	ppbv	100
34) 2-Butanone	5.243	43	1891765	10.283	ppbv	100
35) Carbon Tetrachloride	7.018	117	2200628	9.744	ppbv	99
36) Benzene	6.890	78	2829538	10.003	ppbv	97
37) 1,2-Dichloroethane	6.308	62	1596414	9.562	ppbv	100
38) Trichloroethene	7.835	130	1470707	9.613	ppbv	99
39) 1,2-Dichloropropane	7.613	63	1064767	10.076	ppbv	98
40) 1,4-Dioxane	7.828	88	408109	9.691	ppbv #	1
41) Tetrahydrofuran	6.047	42	1136781	10.663	ppbv	99
42) Bromodichloromethane	7.790	83	2279222	10.125	ppbv	99
43) Methyl Methacrylate	8.012	69	1136830	10.570	ppbv	99
44) 2,2,4-Trimethylpentane	7.870	57	4704153	9.814	ppbv	99
45) t-1,3-Dichloropropene	9.279	75	1198900	12.519	ppbv	99

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

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

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

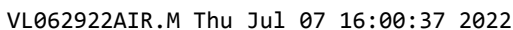
Response via : Initial Calibration

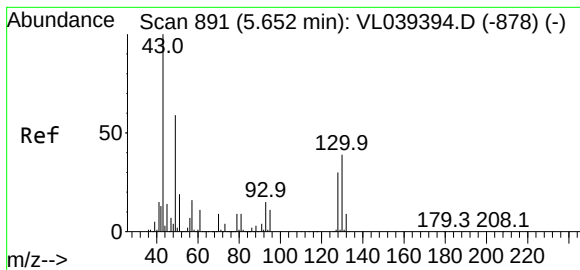
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	1545283	11.723	ppbv	98
47) 1,1,2-Trichloroethane	9.475	97	1162621	9.805	ppbv	99
48) Dibromochloromethane	10.304	129	2040351	10.827	ppbv	100
49) Bromoform	13.037	173	1714429	11.277	ppbv	100
50) 4-Methyl-2-Pentanone	8.738	43	2995360	10.767	ppbv	99
51) 2-Hexanone	10.127	43	2365872	11.244	ppbv #	100
52) Tetrachloroethene	11.224	164	1090004	9.572	ppbv	97
53) Toluene	9.803	91	3394275	10.403	ppbv	99
54) 1,2-Dibromoethane	10.610	107	1544497	10.469	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.124	131	1480405	9.569	ppbv	96
57) Chlorobenzene	12.147	112	2570497	9.467	ppbv #	96
58) Ethyl Benzene	12.709	91	4526826	10.010	ppbv	100
59) m/p-Xylene	12.992	91	7737069m	19.406	ppbv	
60) o-Xylene	13.690	91	3688346	9.770	ppbv	99
61) Styrene	13.526	104	2257678	11.040	ppbv	99
62) Isopropylbenzene	14.664	105	5463796	9.504	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.674	83	1760219	8.895	ppbv	100
64) n-propylbenzene	15.558	120	1458257	10.007	ppbv	98
65) tert-Butylbenzene	16.745	119	4967423	9.350	ppbv	99
66) Benzyl Chloride	16.982	91	654752	12.969	ppbv	100
67) sec-Butylbenzene	17.291	105	6863362	9.591	ppbv	99
69) p-Isopropyltoluene	17.648	119	5928861	9.765	ppbv	100
70) n-Butylbenzene	18.545	91	5854732	9.935	ppbv	100
71) 2-Chlorotoluene	15.452	91	4051981	9.848	ppbv	100
72) 4-Ethyltoluene	15.838	105	4443649	10.011	ppbv	100
73) 1,3,5-Trimethylbenzene	15.992	105	4092537	10.039	ppbv	98
74) 1,2,4-Trimethylbenzene	16.757	105	4411337	9.782	ppbv	95
75) 1,3-Dichlorobenzene	16.992	146	2633057	9.788	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	2541172	9.531	ppbv	100
77) 1,2-Dichlorobenzene	17.815	146	2596702	9.738	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	1829959	8.533	ppbv	100
79) Naphthalene	22.191	128	3731413	12.023	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	1358414	12.860	ppbv	99
81) 1,2,4-Trichlorobenzene	21.921	180	2079836	10.289	ppbv	100

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

Manual Integrations APPROVED

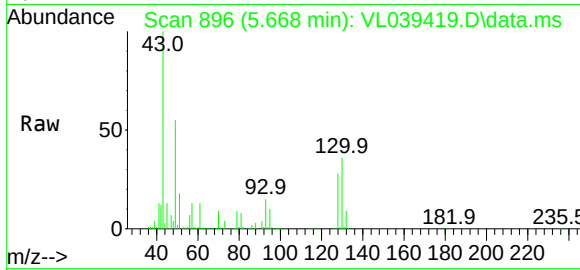
Quant Time: Jul 06 02:18:07 2022
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 891
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

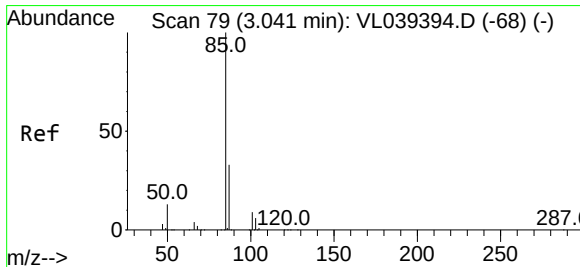
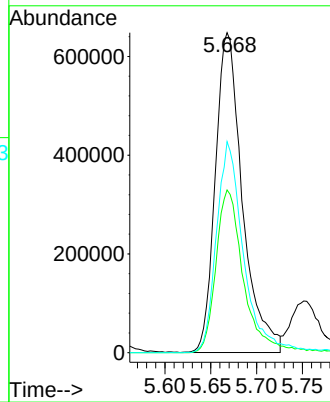
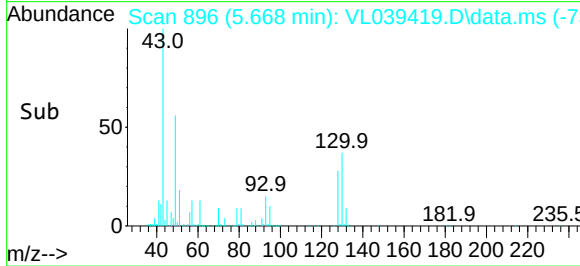
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



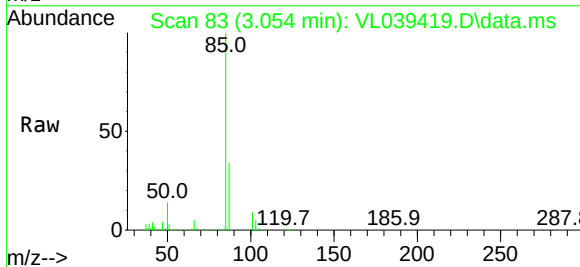
Tgt Ion: 49 Resp: 1329835
Ion Ratio Lower Upper
49 100
128 52.9 26.7 80.0
130 67.0 34.3 102.8

Manual Integrations
APPROVED

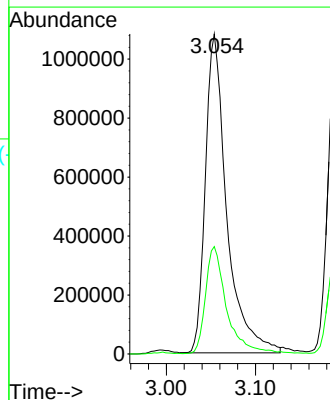
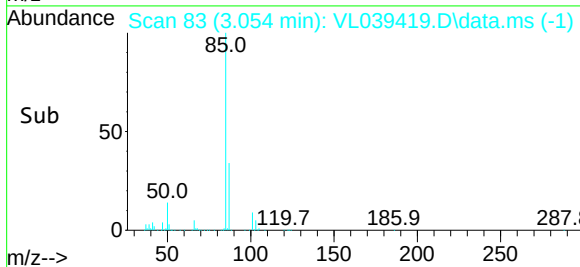
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

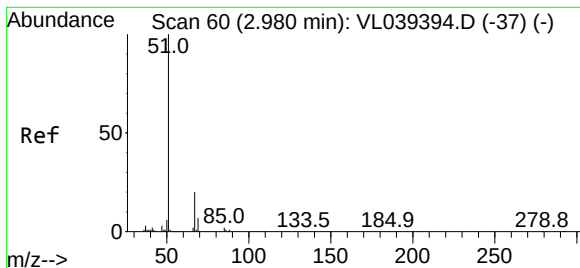


#2
Dichlorodifluoromethane
Concen: 9.401 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



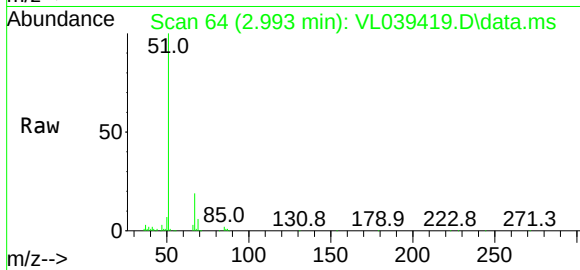
Tgt Ion: 85 Resp: 1803215
Ion Ratio Lower Upper
85 100
87 33.5 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.116 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

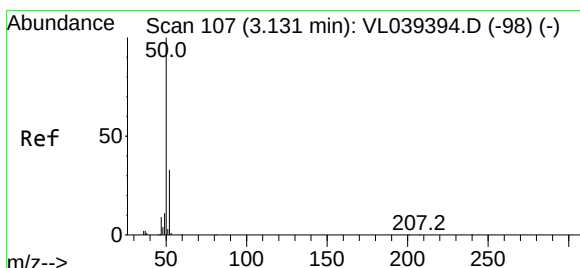
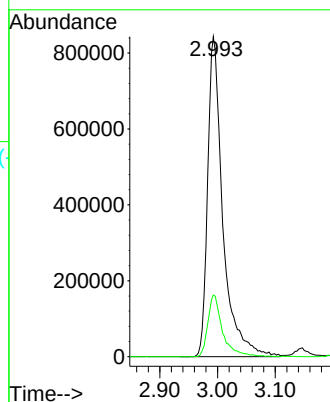
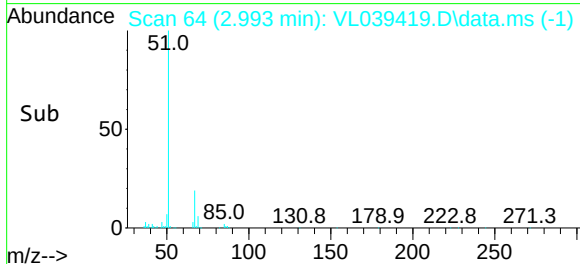
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1537994
Ion Ratio Lower Upper
51 100
67 18.9 15.7 23.5

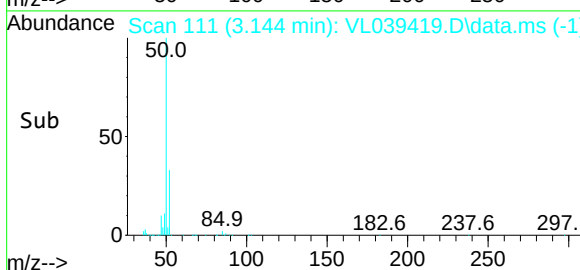
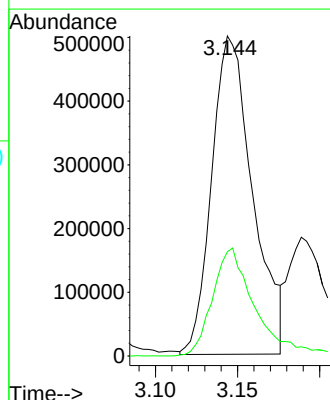
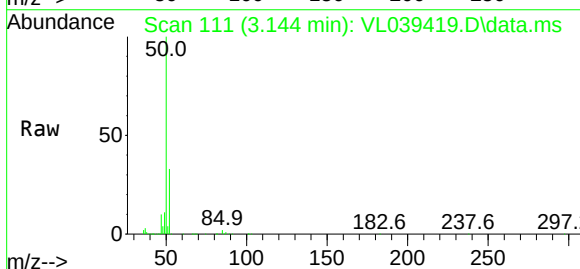
Manual Integrations
APPROVED

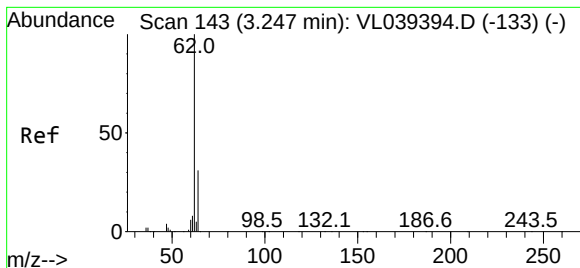
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#4
Chloromethane
Concen: 9.423 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

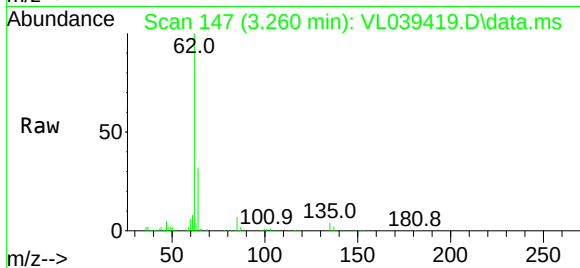
Tgt Ion: 50 Resp: 869527
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.903 ppbv
 RT: 3.260 min Scan# 143
 Delta R.T. 0.013 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

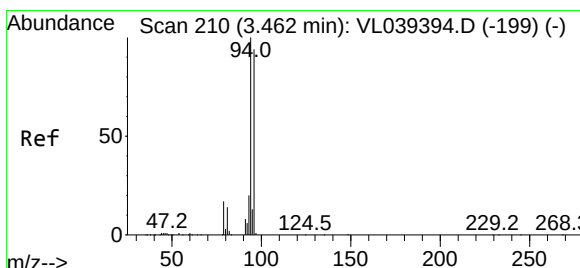
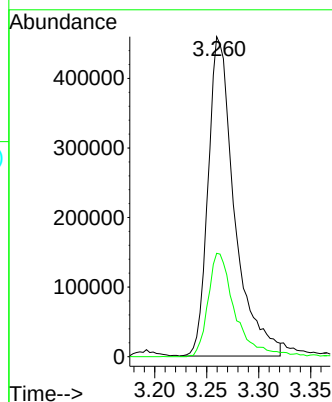
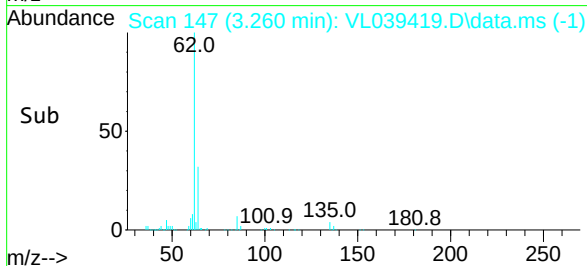
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



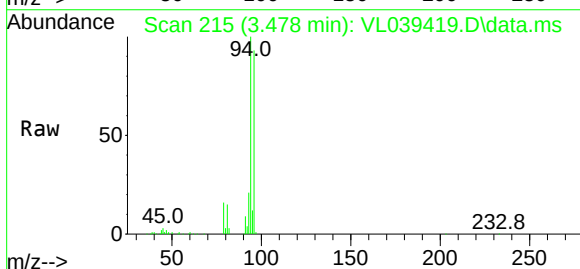
Tgt Ion: 62 Resp: 810080
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 36.8

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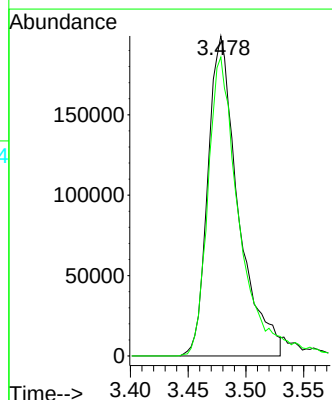
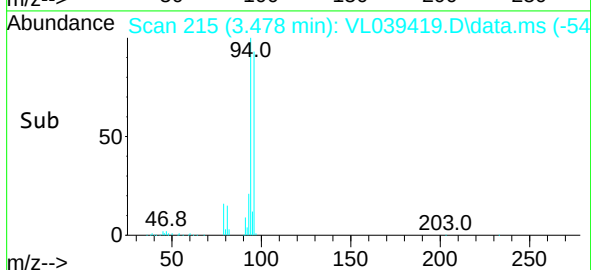
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

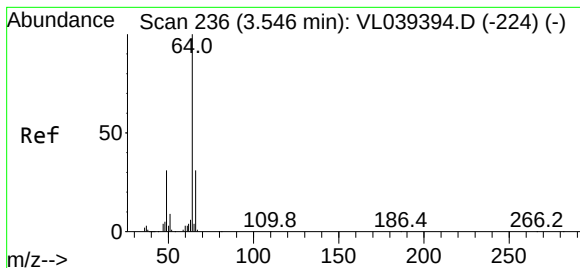


#6
 Bromomethane
 Concen: 9.507 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



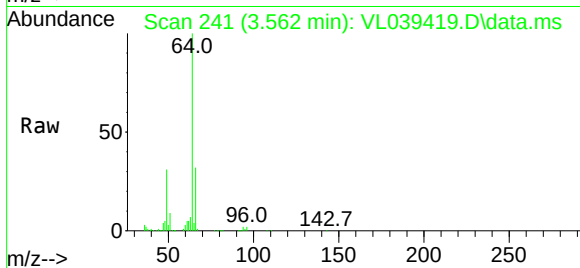
Tgt Ion: 94 Resp: 364056
 Ion Ratio Lower Upper
 94 100
 96 93.3 75.6 113.4





#7
Chloroethane
Concen: 9.333 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

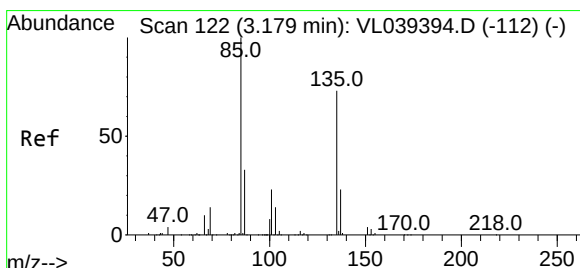
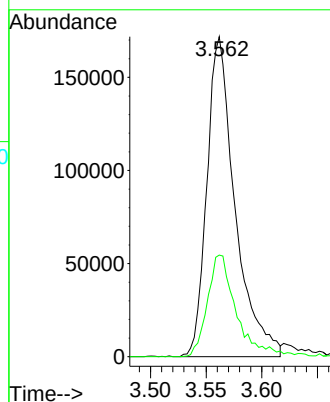
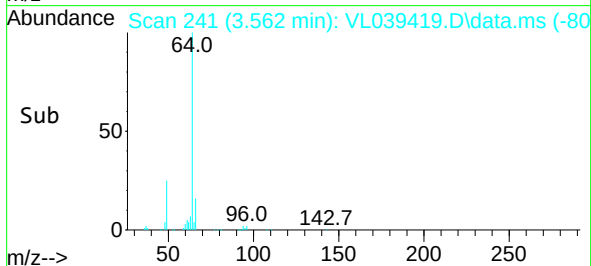
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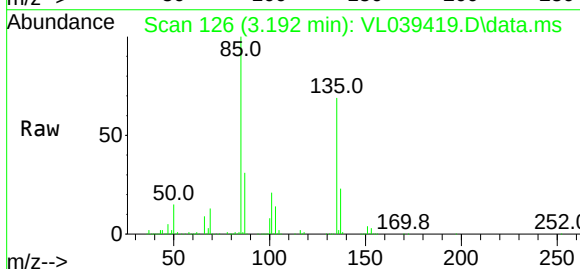
Tgt Ion: 64 Resp: 30204
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

Manual Integrations
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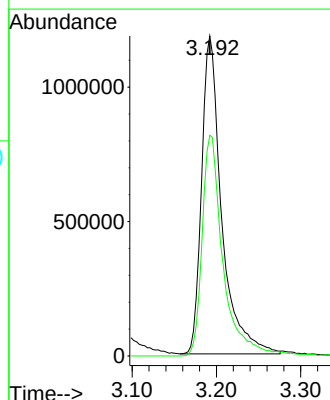
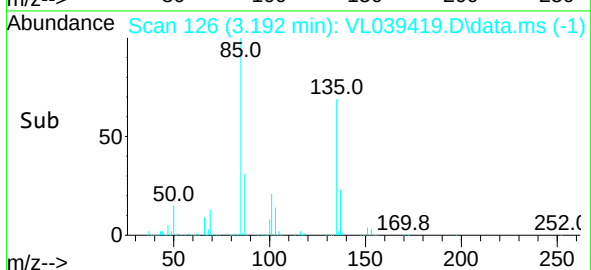
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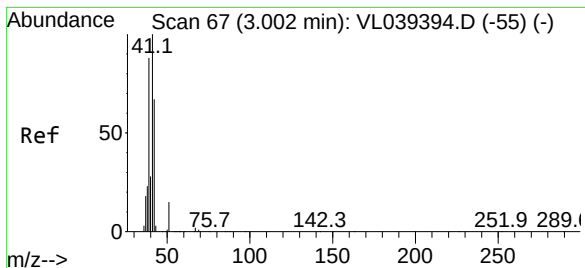


#8
Dichlorotetrafluoroethane
Concen: 9.362 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



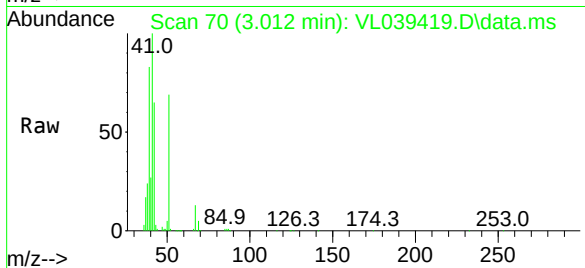
Tgt Ion: 85 Resp: 1961563
Ion Ratio Lower Upper
85 100
135 72.9 59.0 88.4





#9
 Propene
 Concen: 9.293 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. 0.010 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

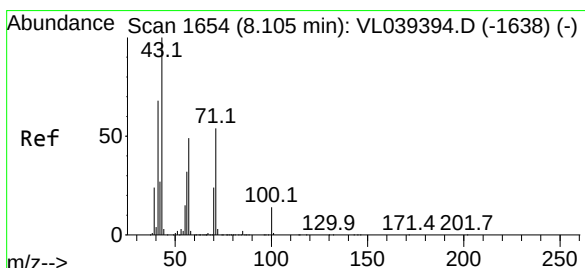
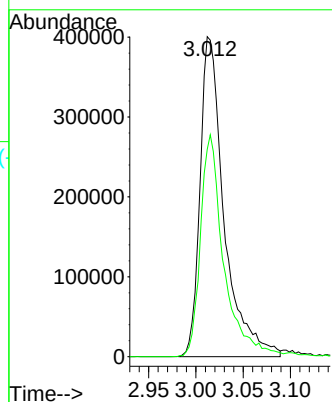
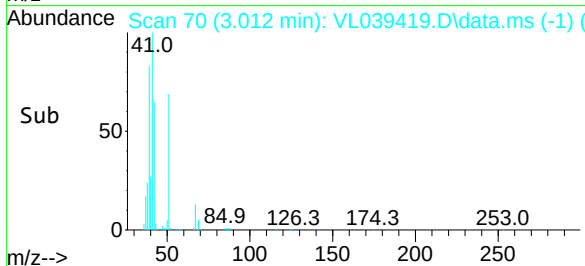
Instrument :
 MSVOA_L
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 VSTDCCC010



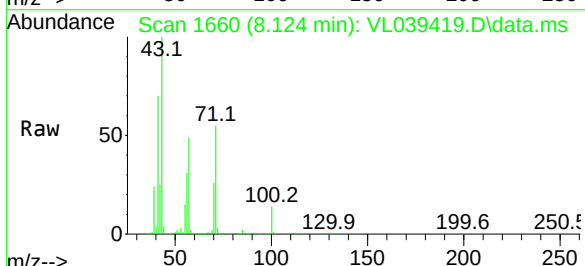
Tgt Ion: 41 Resp: 708080
 Ion Ratio Lower Upper
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 42 68.1 55.2 82.8

Manual Integrations
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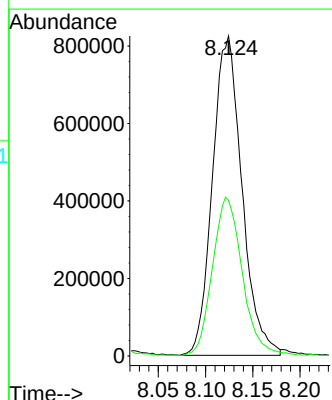
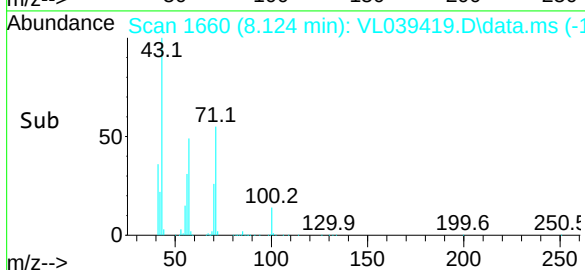
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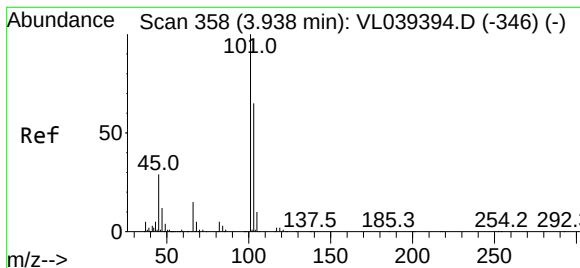


#10
 Heptane
 Concen: 10.003 ppbv
 RT: 8.124 min Scan# 1660
 Delta R.T. 0.019 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



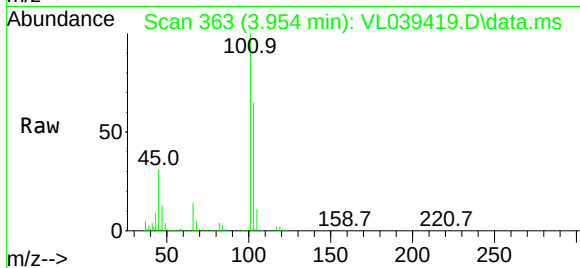
Tgt Ion: 43 Resp: 1785209
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 8.927 ppbv
 RT: 3.954 min Scan# 30
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

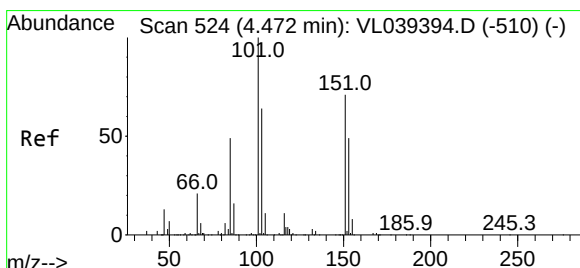
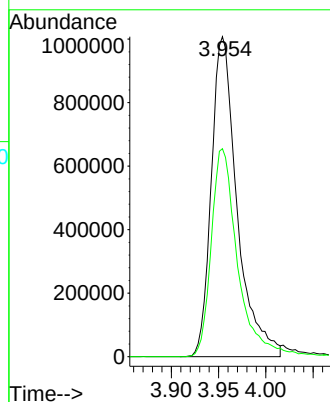
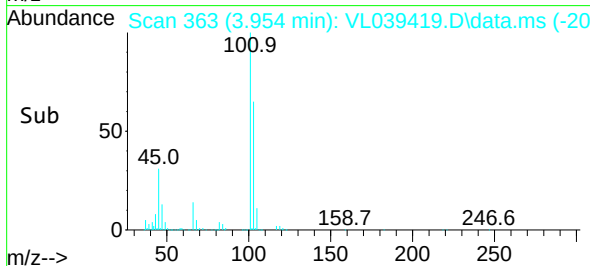
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



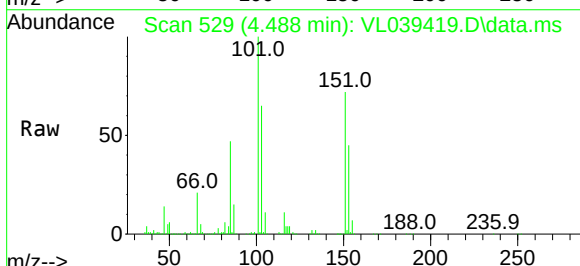
Tgt Ion:101 Resp: 190814
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.8

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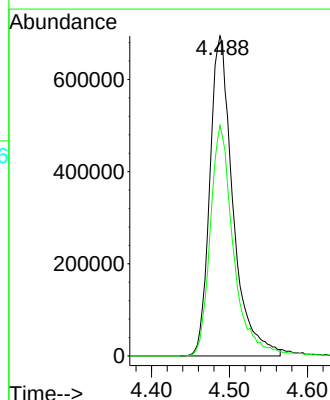
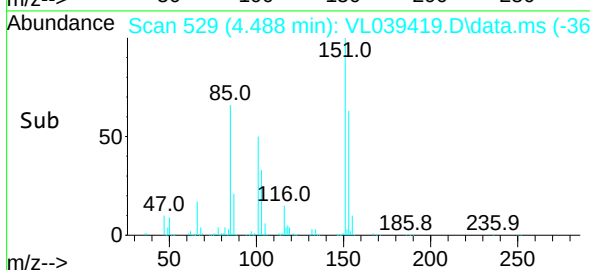
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

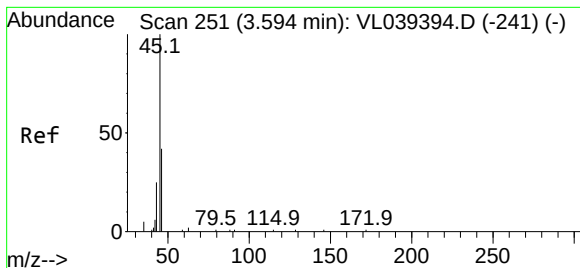


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.996 ppbv
 RT: 4.488 min Scan# 529
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



Tgt Ion:101 Resp: 1433457
 Ion Ratio Lower Upper
 101 100
 151 72.8 58.9 88.3





#13

Ethanol

Concen: 10.527 ppbv

RT: 3.604 min Scan# 251

Delta R.T. 0.010 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 46534

Ion Ratio Lower Upper

45 100

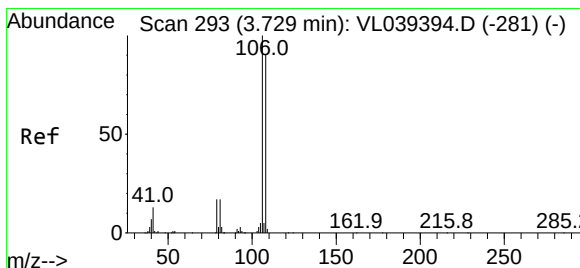
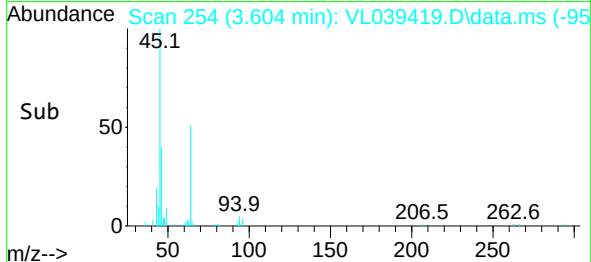
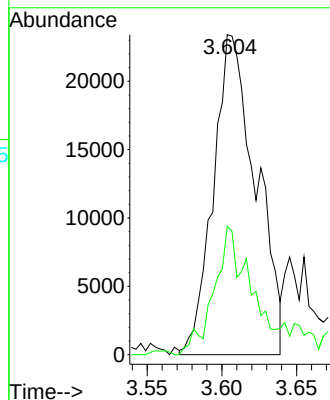
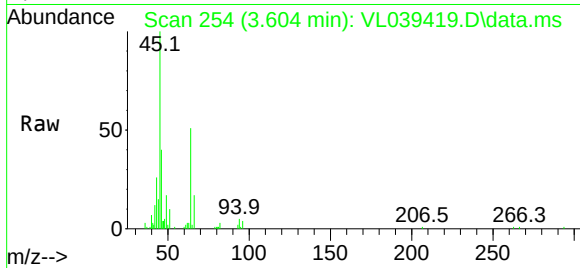
46 44.9 22.8 91.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#14

Bromoethene

Concen: 9.096 ppbv

RT: 3.745 min Scan# 298

Delta R.T. 0.016 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

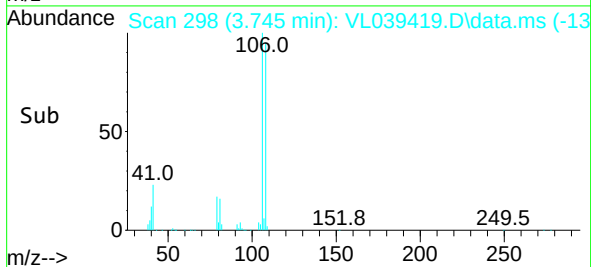
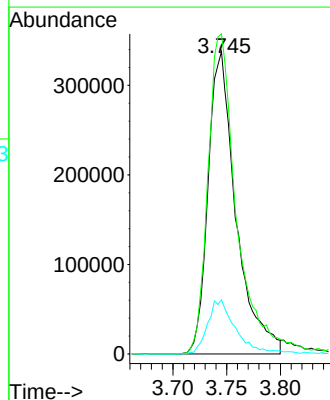
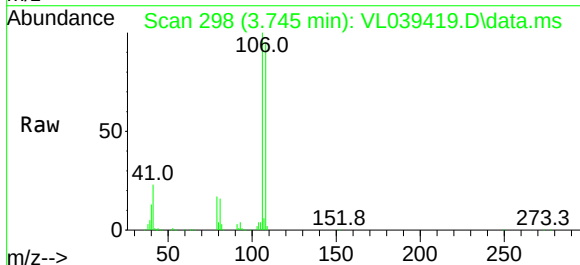
Tgt Ion:108 Resp: 609347

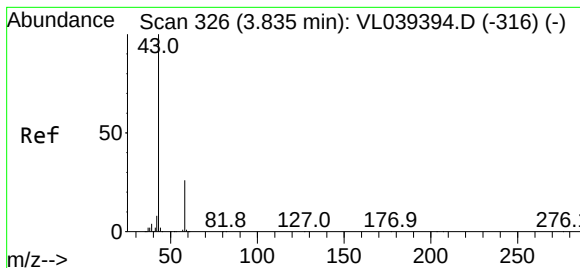
Ion Ratio Lower Upper

108 100

106 111.3 87.1 130.7

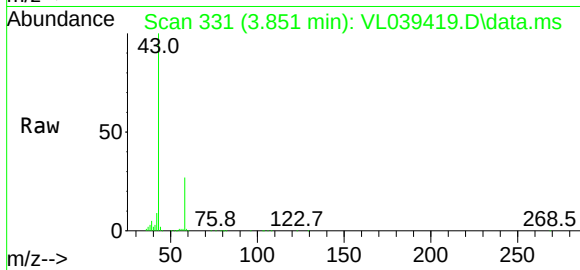
79 18.6 14.6 22.0





#15
Acetone
Concen: 9.404 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

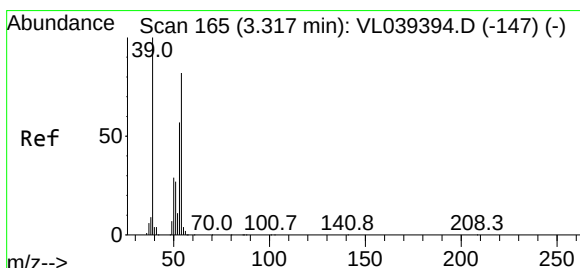
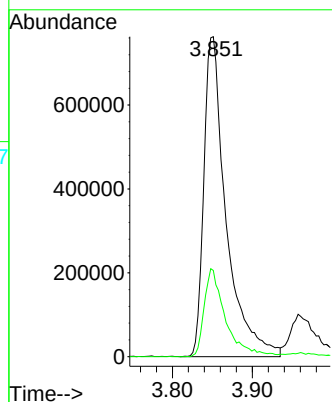
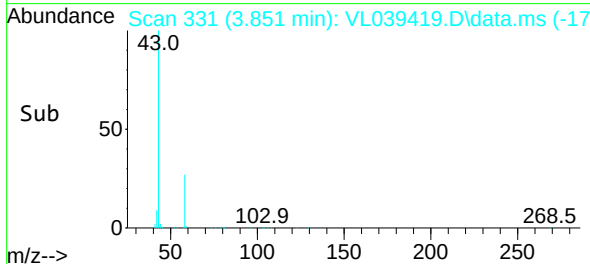
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



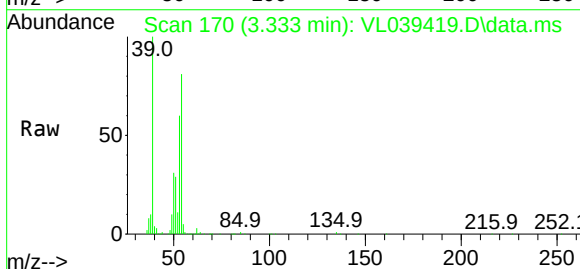
Tgt Ion: 43 Resp: 1479470
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6

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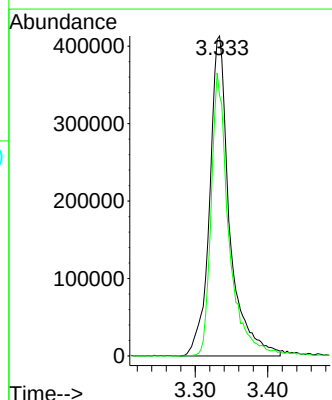
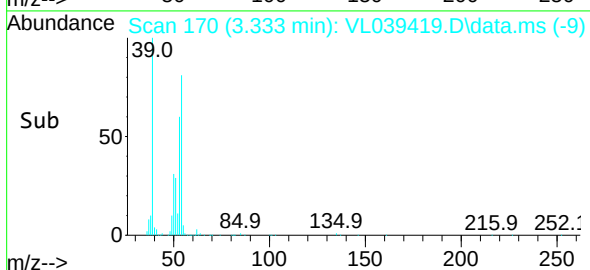
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

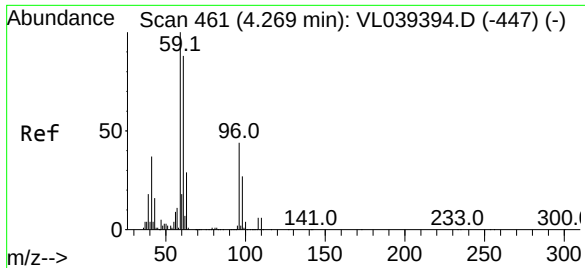


#16
1,3-Butadiene
Concen: 9.735 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



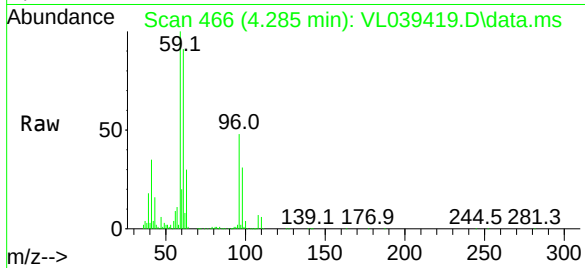
Tgt Ion: 39 Resp: 794672
Ion Ratio Lower Upper
39 100
54 78.9 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.879 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

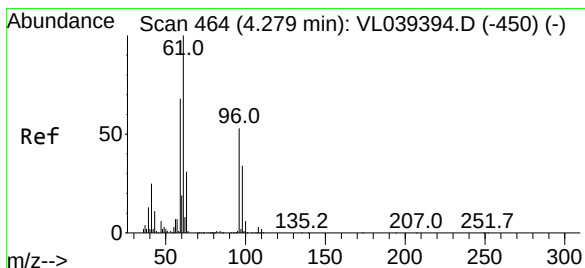
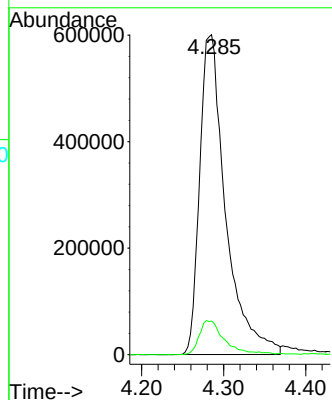
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



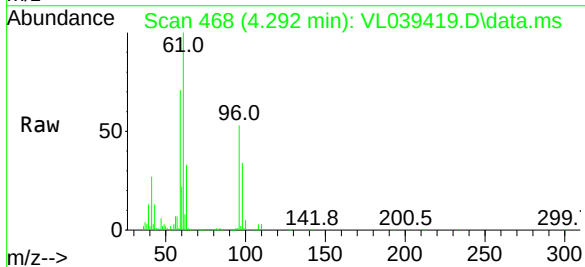
Tgt Ion: 59 Resp: 1319200
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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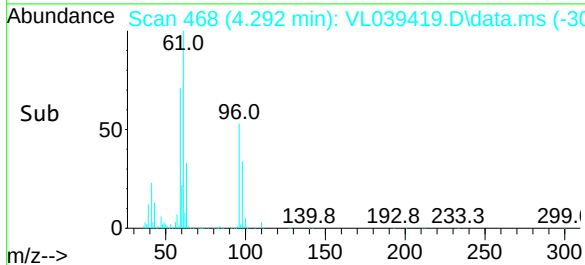
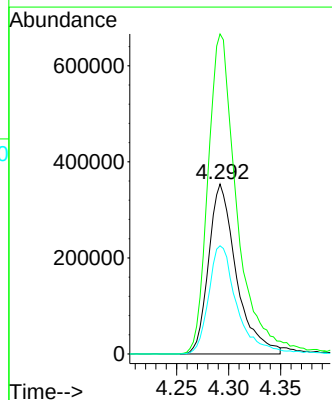
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

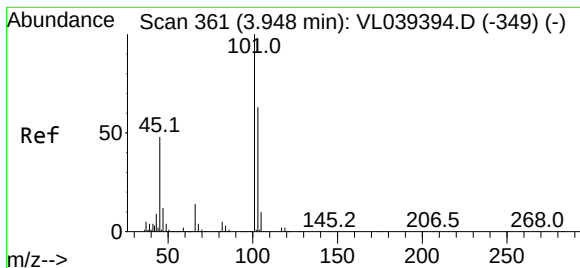


#18
1,1-Dichloroethene
Concen: 9.057 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



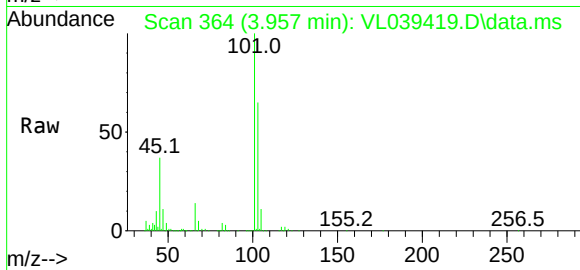
Tgt Ion: 96 Resp: 653827
Ion Ratio Lower Upper
96 100
61 188.2 152.2 228.4
98 63.7 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.475 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

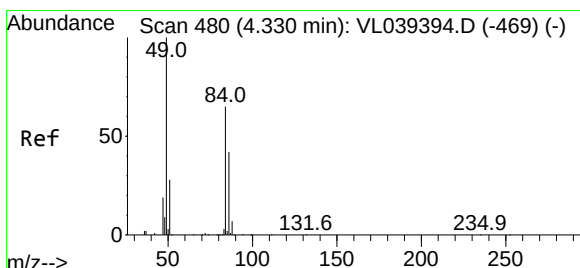
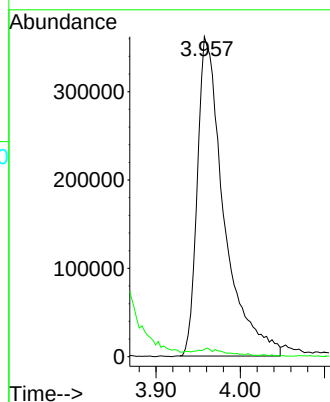
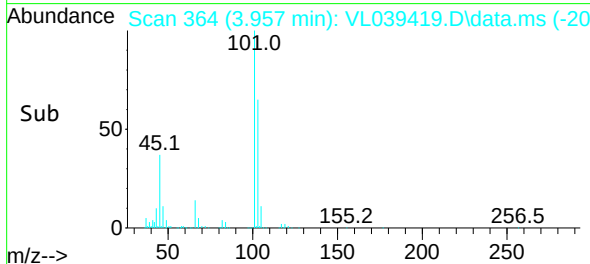
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 795119
Ion Ratio Lower Upper
45 100
58 3.2 3.2 4.8

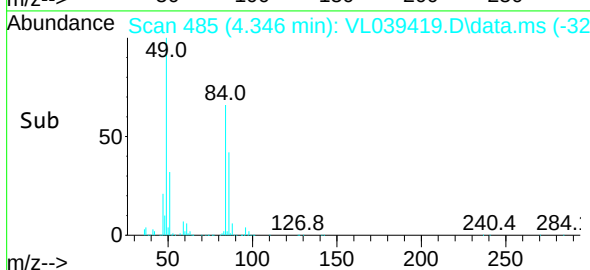
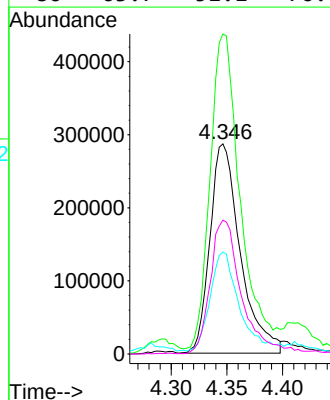
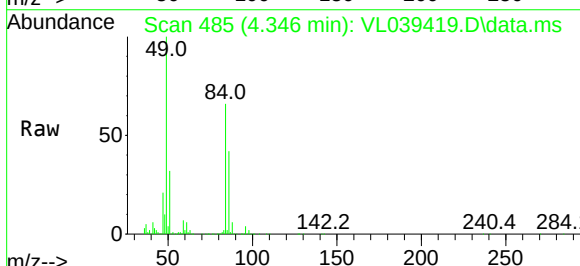
Manual Integrations
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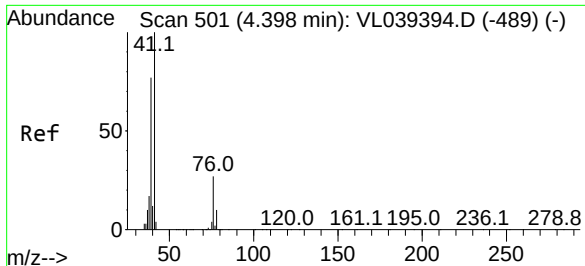
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#20
Methylene Chloride
Concen: 8.673 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

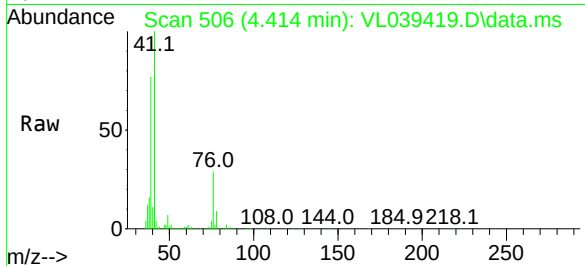
Tgt Ion: 84 Resp: 543900
Ion Ratio Lower Upper
84 100
49 150.1 123.1 184.7
51 47.0 34.4 51.6
86 63.7 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.622 ppbv
 RT: 4.414 min Scan# 501
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

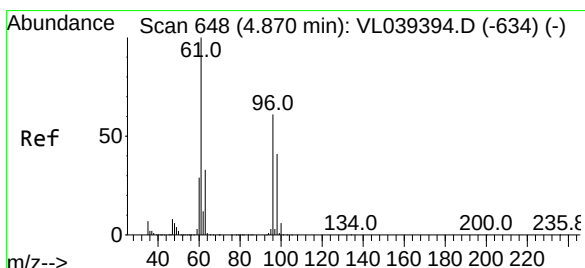
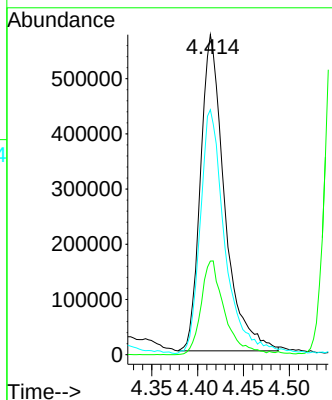
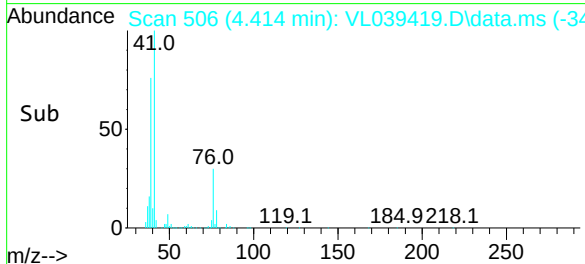
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



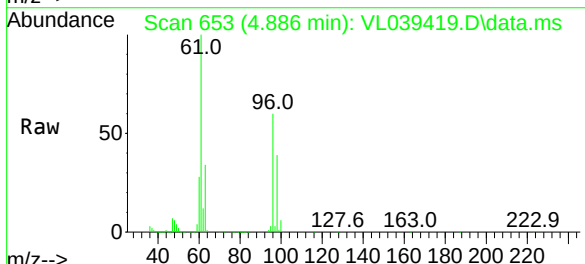
Tgt Ion: 41 Resp: 1048438
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.4 36.6
 39 81.8 63.5 95.3

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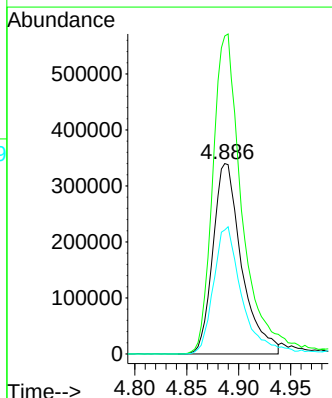
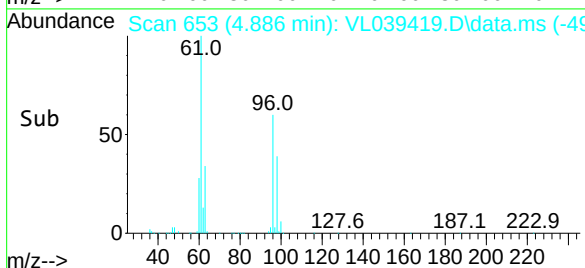
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

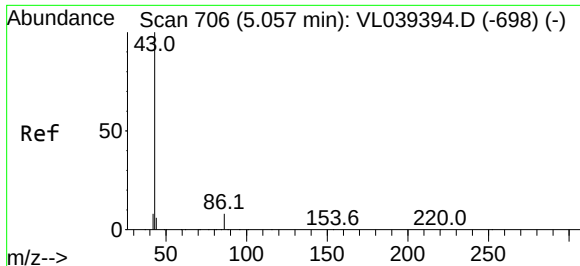


#22
 trans-1,2-Dichloroethene
 Concen: 9.341 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



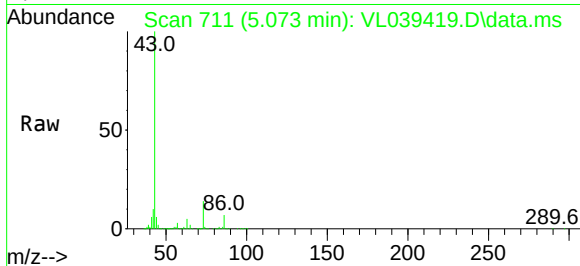
Tgt Ion: 96 Resp: 652705
 Ion Ratio Lower Upper
 96 100
 61 166.9 130.6 195.8
 98 65.1 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.510 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

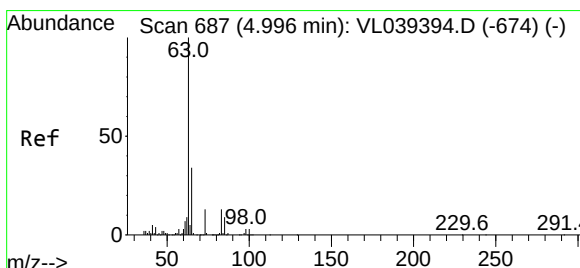
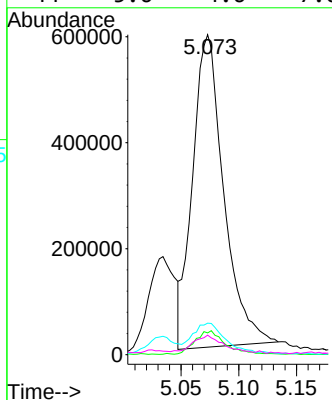
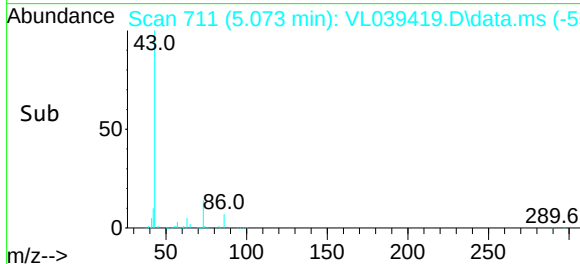


Tgt Ion: 43 Resp: 110502

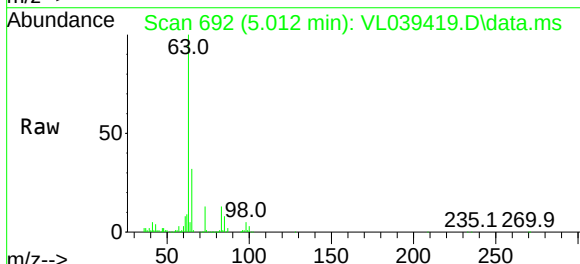
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.0	7.6
42	9.9	7.7	11.5
44	5.6	4.6	7.0

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

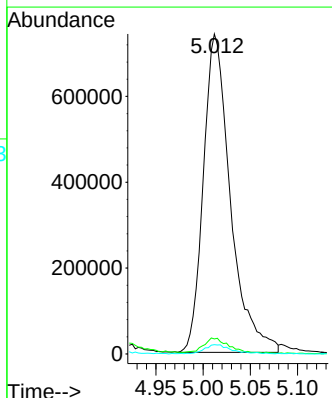
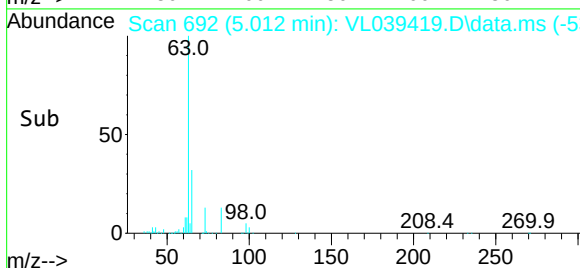


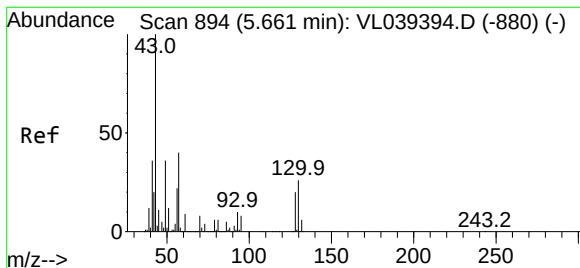
#24
 1,1-Dichloroethane
 Concen: 9.960 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.016 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



Tgt Ion: 63 Resp: 1479049

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.3
100	2.8	1.5	4.4





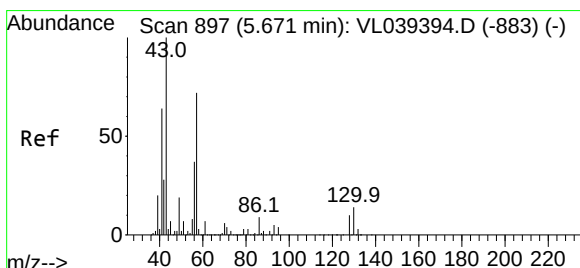
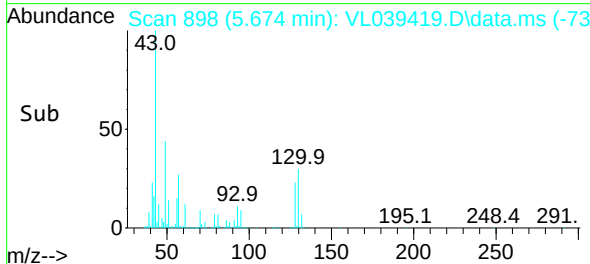
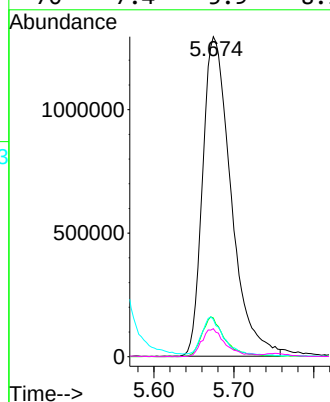
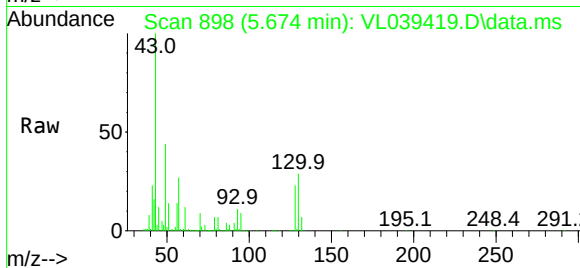
#25
Ethyl Acetate
Concen: 9.888 ppbv
RT: 5.674 min Scan# 894
Delta R.T. 0.013 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3189829
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.4 8.3 12.5
70 7.4 5.9 8.9

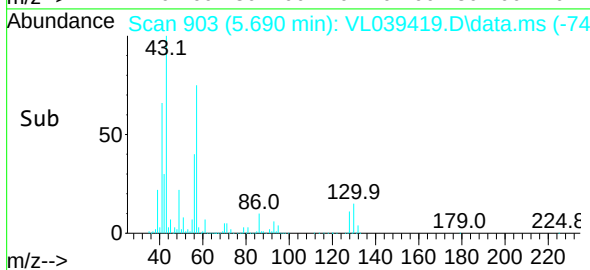
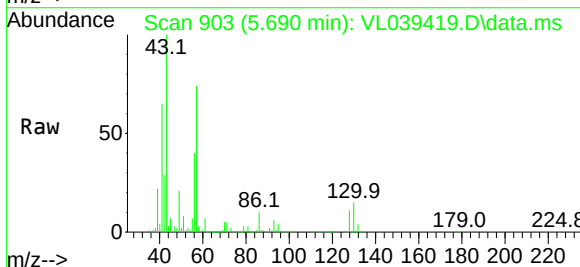
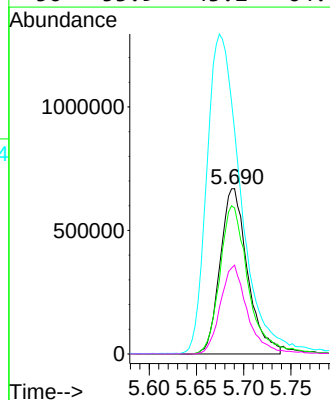
Manual Integrations
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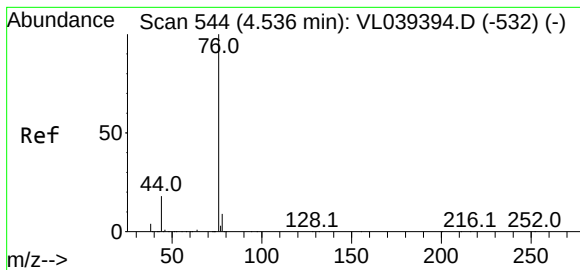
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
Hexane
Concen: 10.366 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

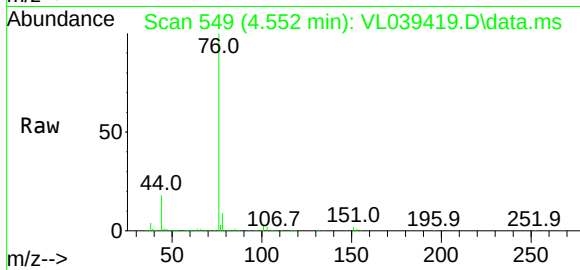
Tgt Ion: 57 Resp: 1347959
Ion Ratio Lower Upper
57 100
41 94.4 76.9 115.3
43 241.6 191.0 286.6
56 53.9 43.2 64.8





#27
Carbon Disulfide
Concen: 10.363 ppbv
RT: 4.552 min Scan# 544
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

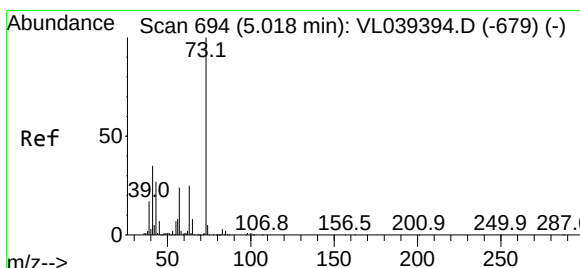
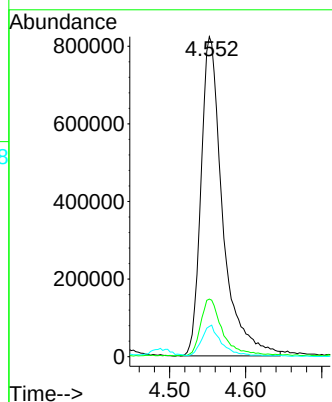
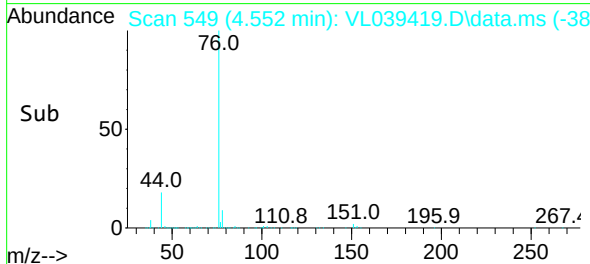
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



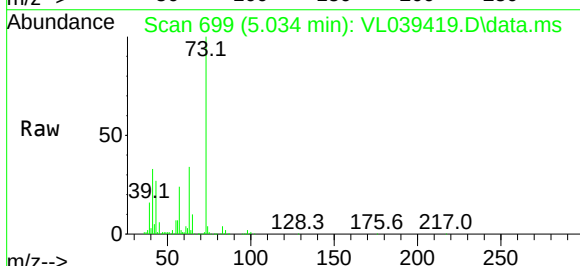
Tgt Ion: 76 Resp: 1626534
Ion Ratio Lower Upper
76 100
44 18.7 14.6 21.8
78 9.4 7.8 11.6

Manual Integrations
APPROVED

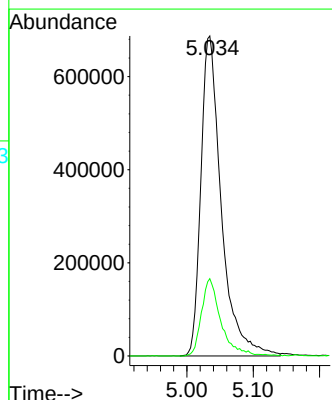
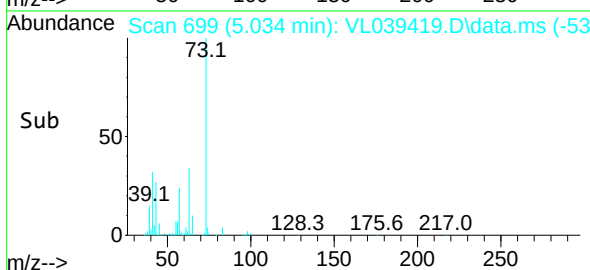
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

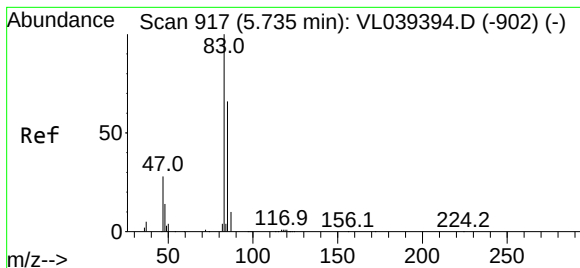


#28
Methyl tert-Butyl Ether
Concen: 10.572 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



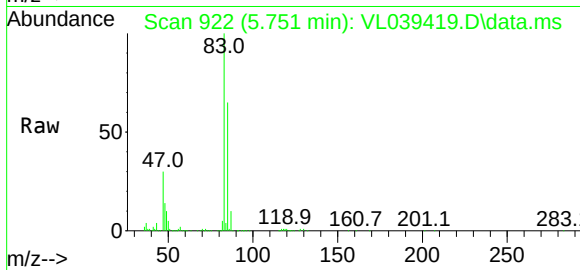
Tgt Ion: 73 Resp: 1469842
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.8





#29
Chloroform
Concen: 9.307 ppbv
RT: 5.751 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

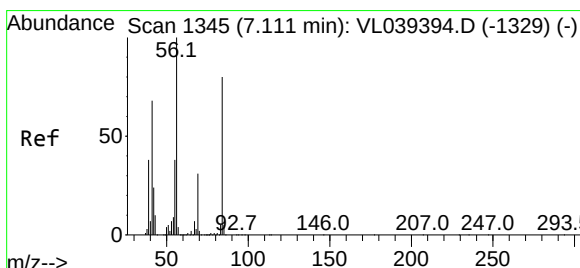
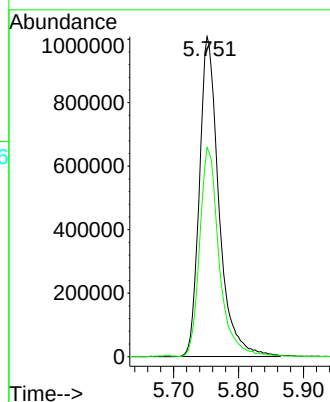
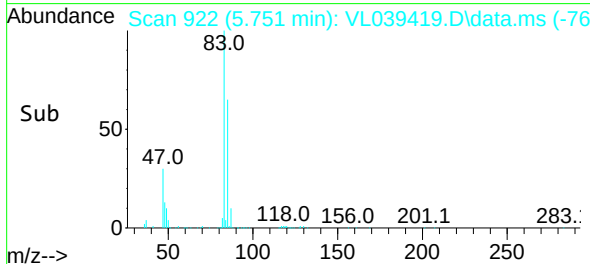
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



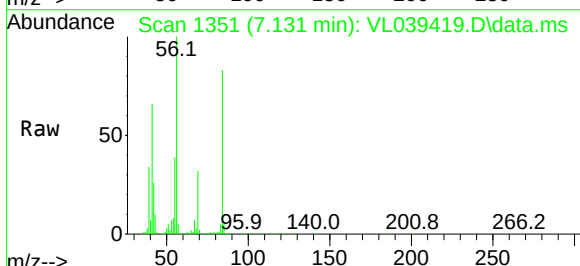
Tgt Ion: 83 Resp: 210438
Ion Ratio Lower Upper
83 100
85 65.4 52.8 79.2

Manual Integrations
APPROVED

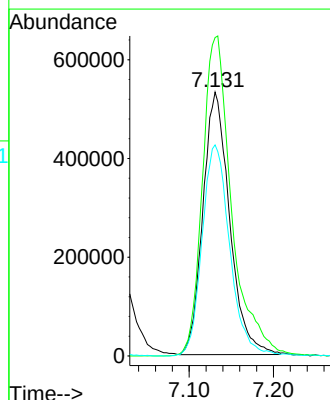
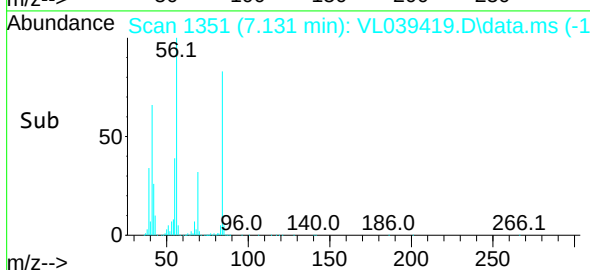
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

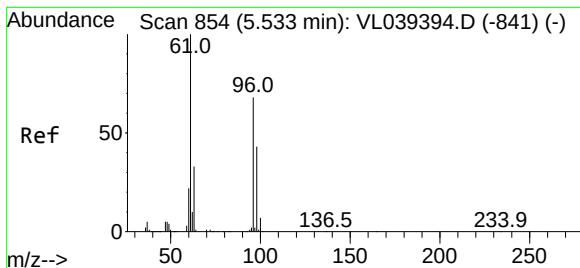


#30
Cyclohexane
Concen: 9.904 ppbv
RT: 7.131 min Scan# 1351
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



Tgt Ion: 84 Resp: 1172492
Ion Ratio Lower Upper
84 100
56 133.9 107.7 161.5
41 84.0 67.7 101.5





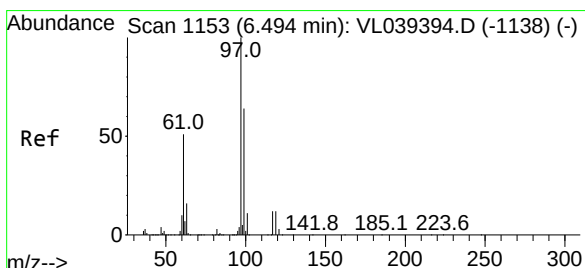
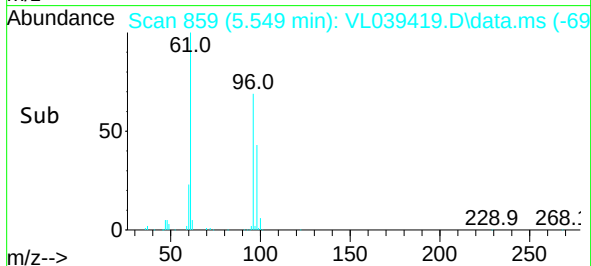
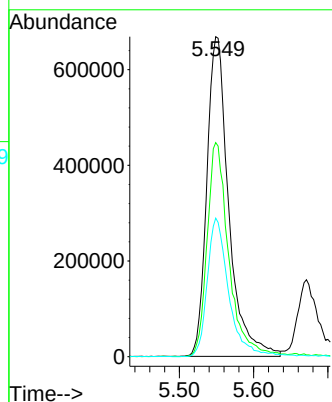
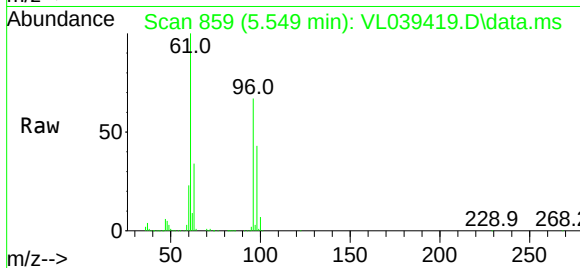
#31
cis-1,2-Dichloroethene
Concen: 9.905 ppbv
RT: 5.549 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 136668
Ion Ratio Lower Upper
61 100
96 66.9 54.1 81.1
98 43.3 34.6 52.0

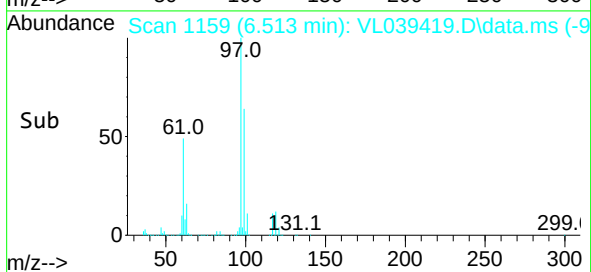
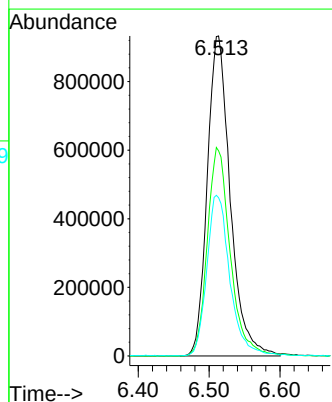
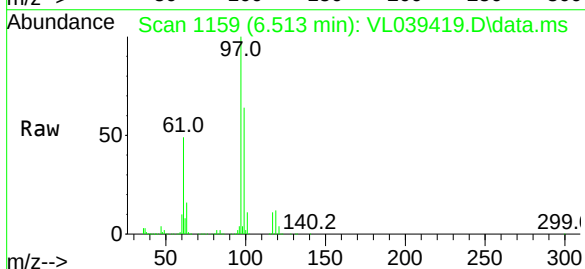
Manual Integrations
APPROVED

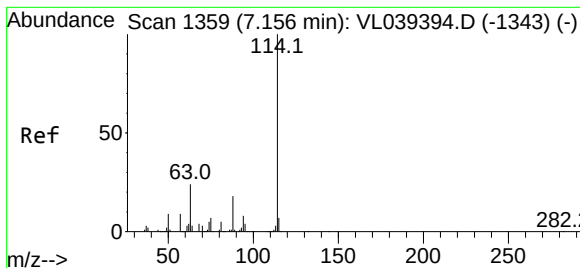
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#32
1,1,1-Trichloroethane
Concen: 9.405 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

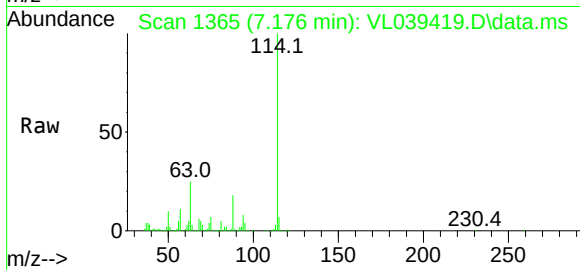
Tgt Ion: 97 Resp: 2099088
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 51.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

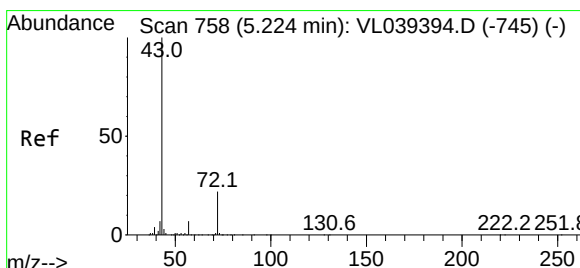
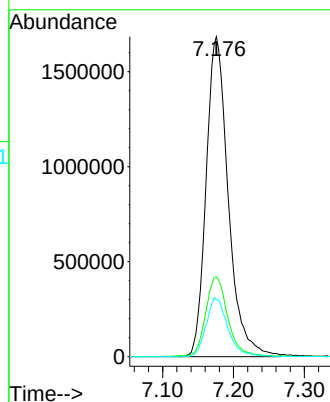
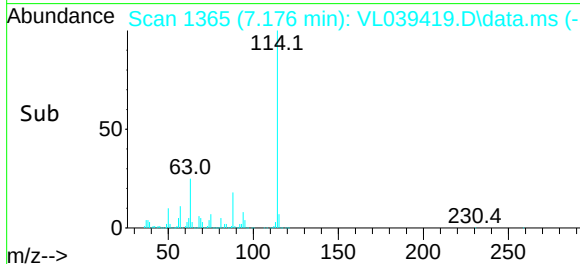
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



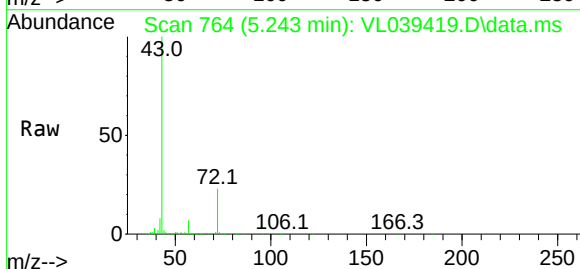
Tgt Ion:114 Resp: 3654829
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.1 14.5 21.7

Manual Integrations
APPROVED

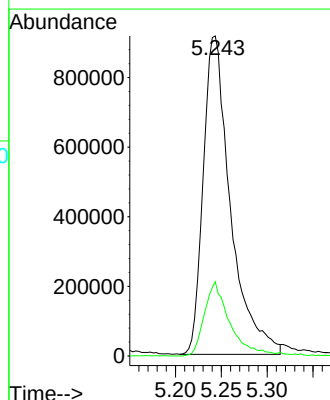
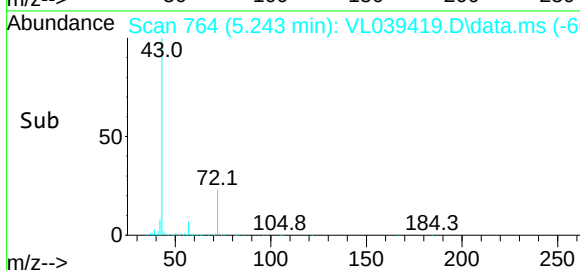
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

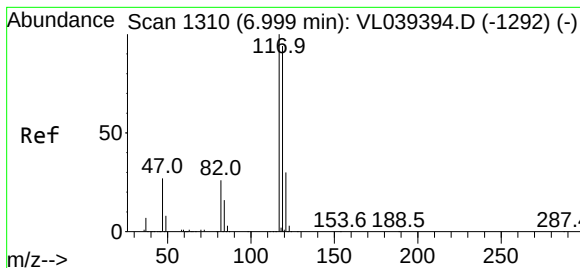


#34
2-Butanone
Concen: 10.283 ppbv
RT: 5.243 min Scan# 764
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



Tgt Ion: 43 Resp: 1891765
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9





#35

Carbon Tetrachloride

Concen: 9.744 ppbv

RT: 7.018 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL039419.D

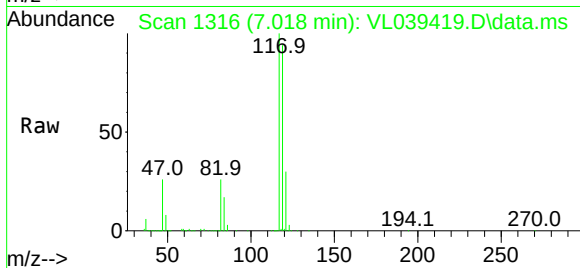
Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 2200628

Ion Ratio Lower Upper

117 100

119 93.7 75.4 113.2

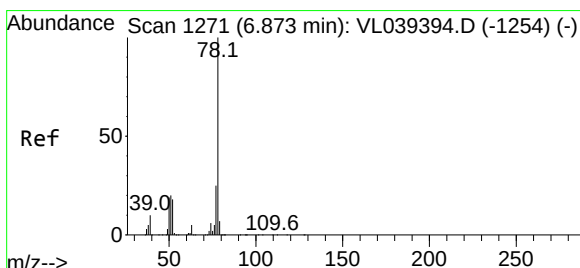
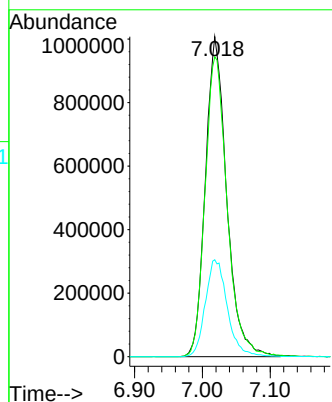
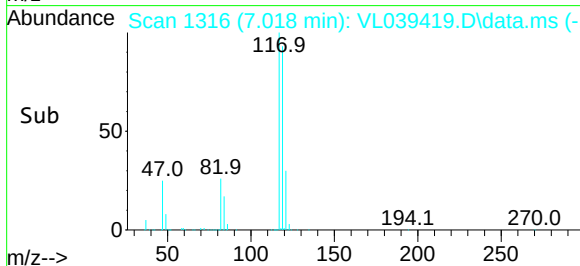
121 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#36

Benzene

Concen: 10.003 ppbv

RT: 6.890 min Scan# 1276

Delta R.T. 0.016 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

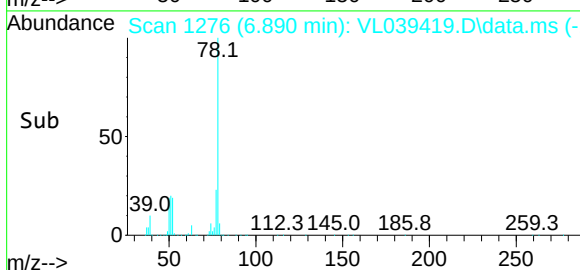
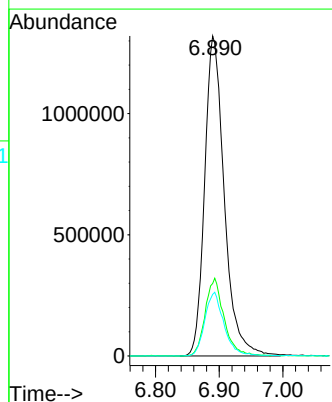
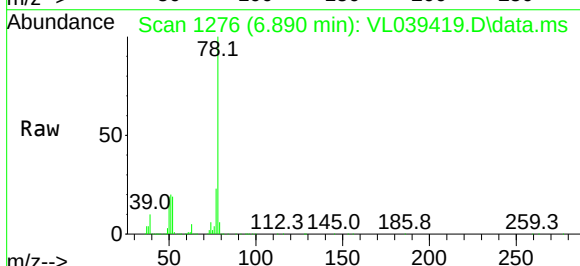
Tgt Ion: 78 Resp: 2829538

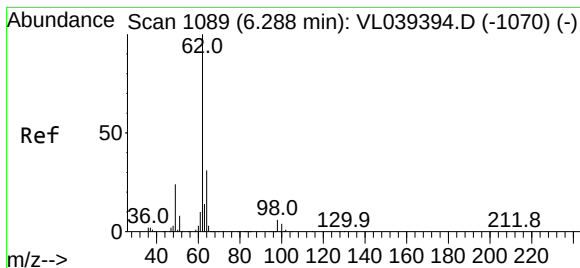
Ion Ratio Lower Upper

78 100

77 22.6 20.3 30.5

50 19.2 15.5 23.3





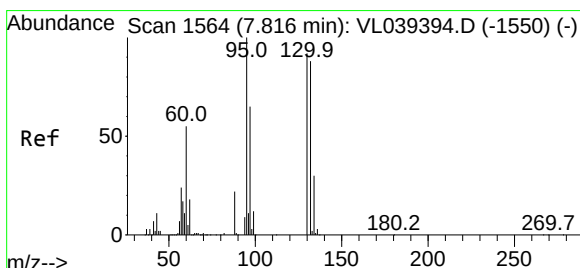
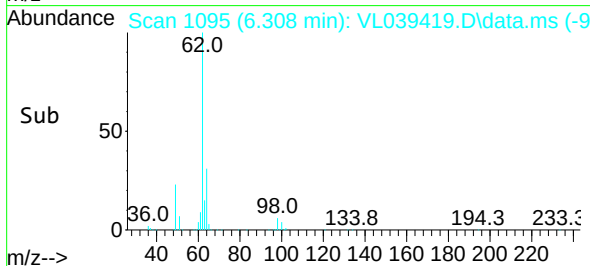
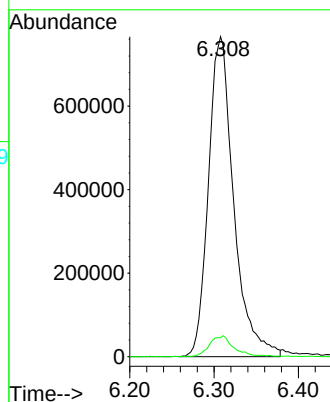
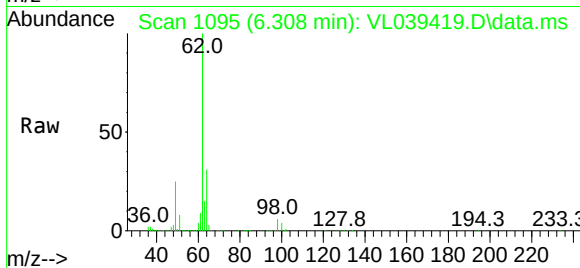
#37
1,2-Dichloroethane
Concen: 9.562 ppbv
RT: 6.308 min Scan# 1089
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1596414
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

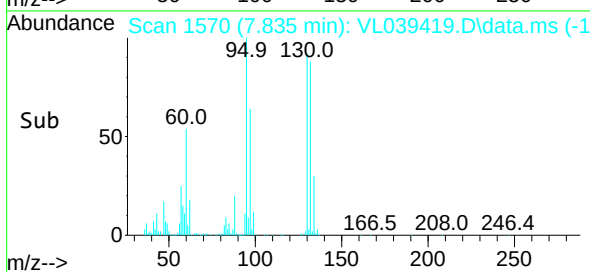
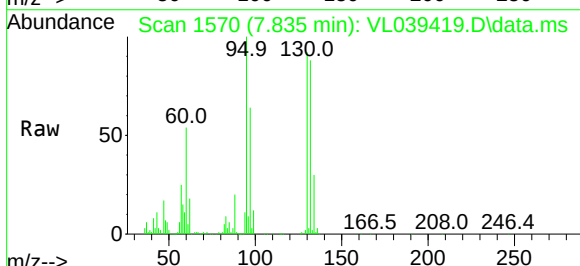
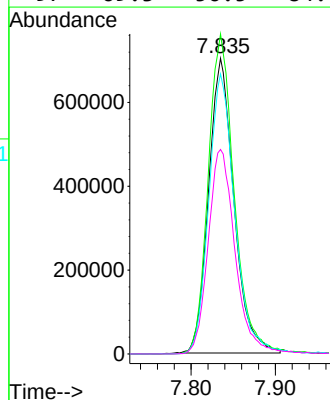
Manual Integrations
APPROVED

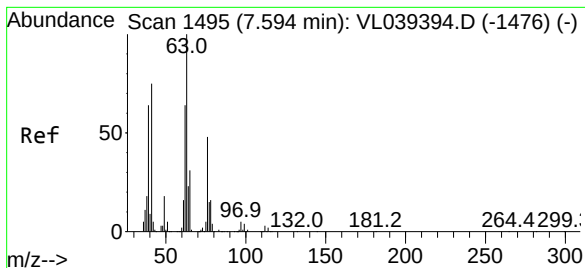
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Trichloroethene
Concen: 9.613 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

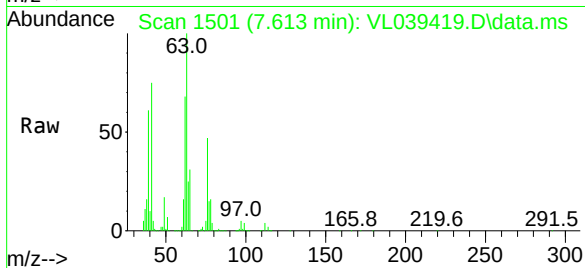
Tgt Ion:130 Resp: 1470707
Ion Ratio Lower Upper
130 100
95 108.4 87.3 130.9
132 94.9 76.7 115.1
97 69.3 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.076 ppbv
RT: 7.613 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

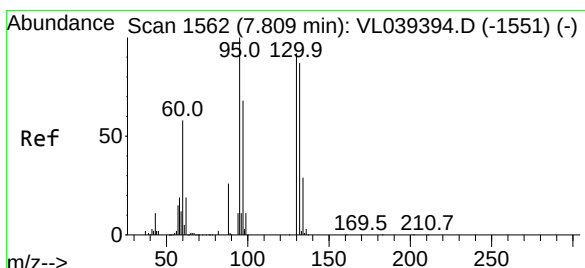
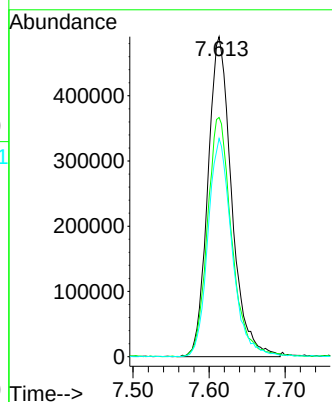
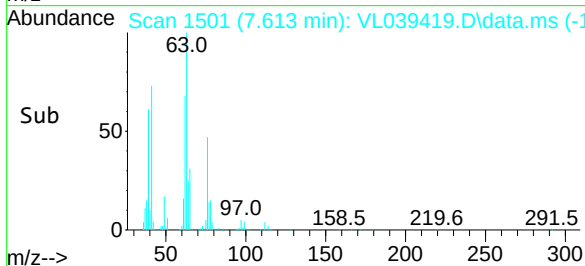
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 106476
Ion Ratio Lower Upper
63 100
41 74.7 59.6 89.4
62 68.2 51.4 77.0

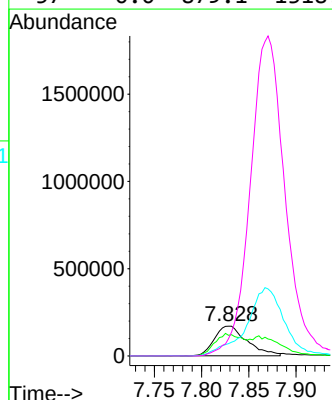
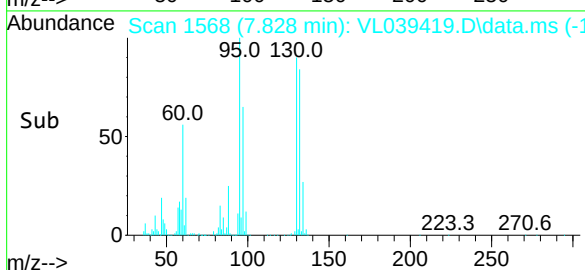
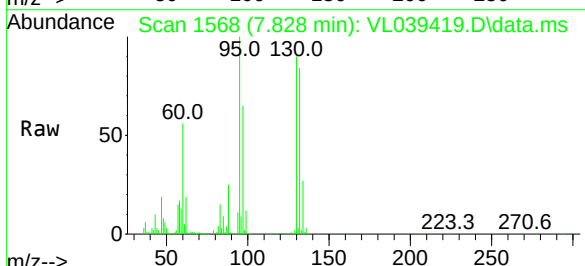
Manual Integrations
APPROVED

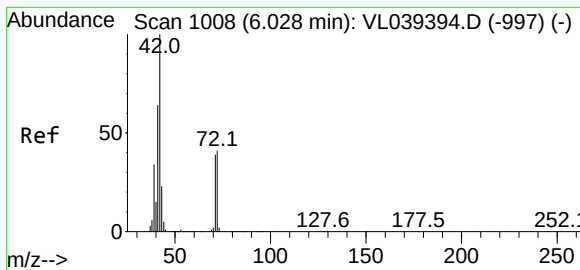
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#40
1,4-Dioxane
Concen: 9.691 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

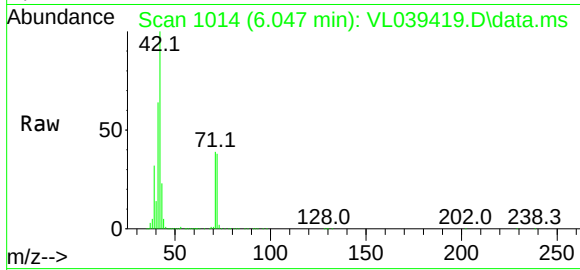
Tgt Ion: 88 Resp: 408109
Ion Ratio Lower Upper
88 100
58 129.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.663 ppbv
RT: 6.047 min Scan# 1014
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

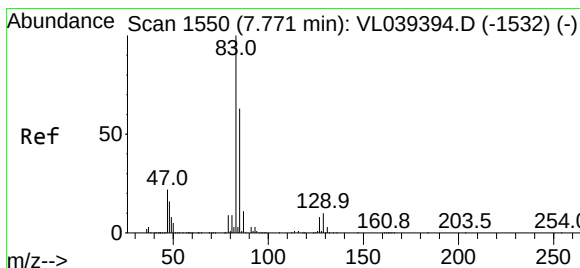
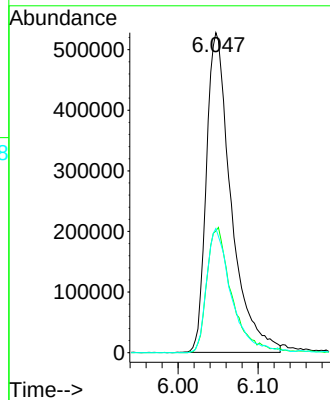
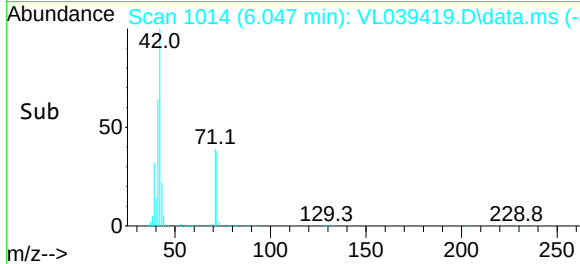
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



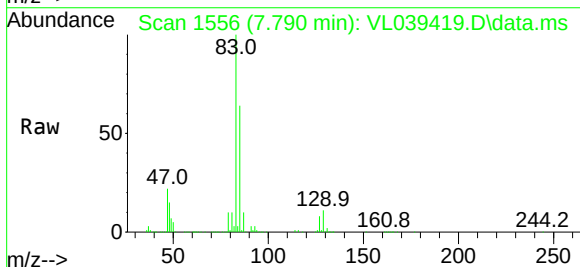
Tgt Ion: 42 Resp: 113678
Ion Ratio Lower Upper
42 100
72 40.2 31.8 47.8
71 39.5 31.8 47.8

Manual Integrations
APPROVED

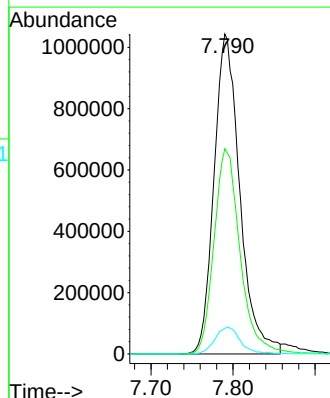
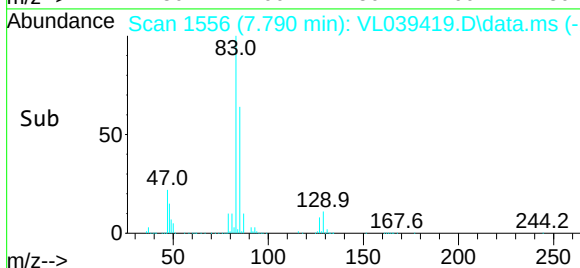
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

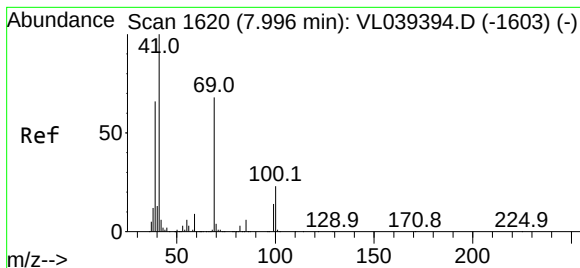


#42
Bromodichloromethane
Concen: 10.125 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



Tgt Ion: 83 Resp: 2279222
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1
127 8.1 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.570 ppbv

RT: 8.012 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 1136830

Ion Ratio Lower Upper

69 100

41 153.1 120.8 181.2

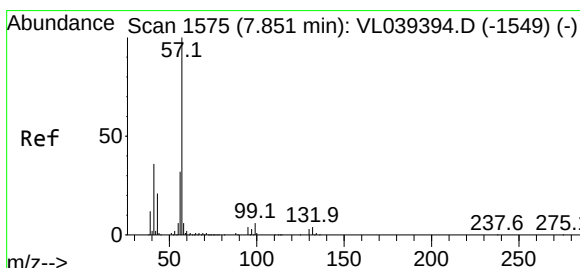
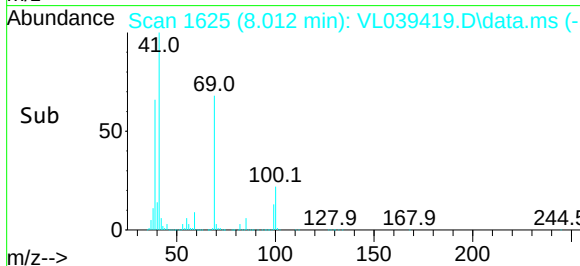
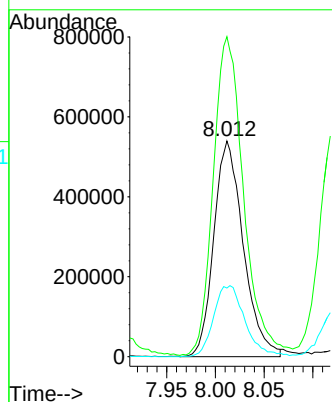
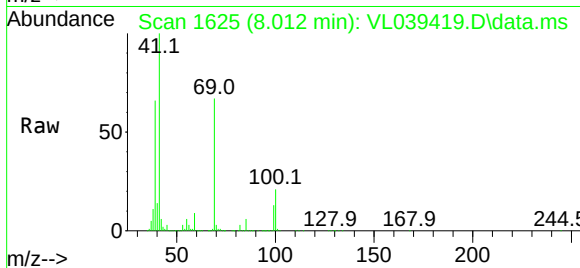
100 35.0 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#44

2,2,4-Trimethylpentane

Concen: 9.814 ppbv

RT: 7.870 min Scan# 1581

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

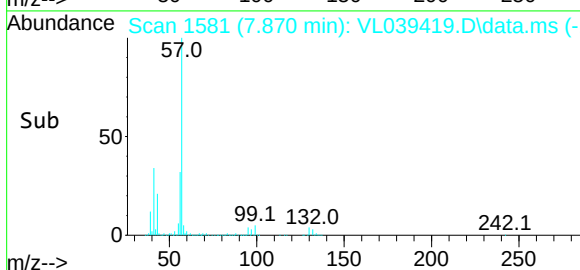
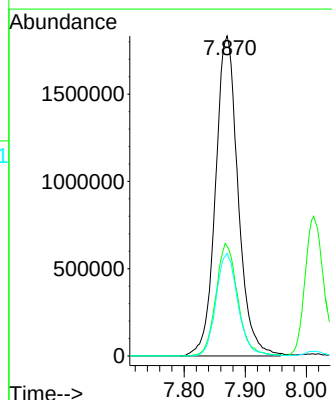
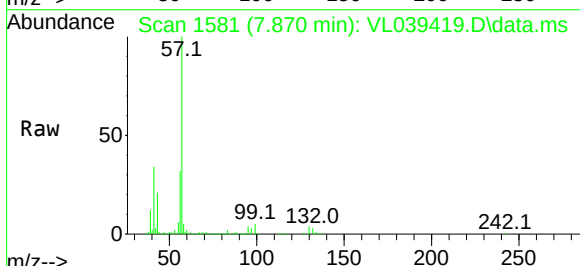
Tgt Ion: 57 Resp: 4704153

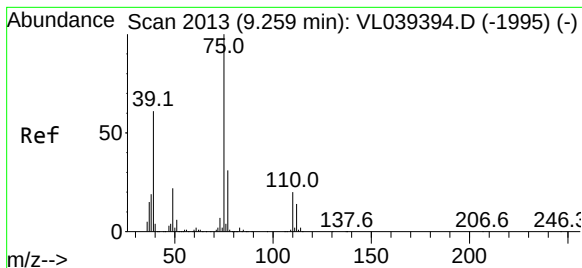
Ion Ratio Lower Upper

57 100

41 34.0 27.4 41.2

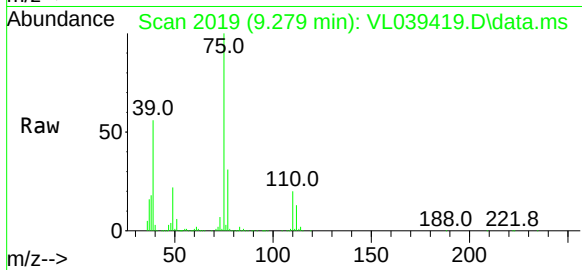
56 31.2 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 12.519 ppbv
RT: 9.279 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

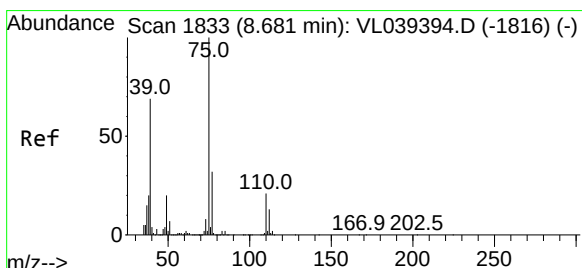
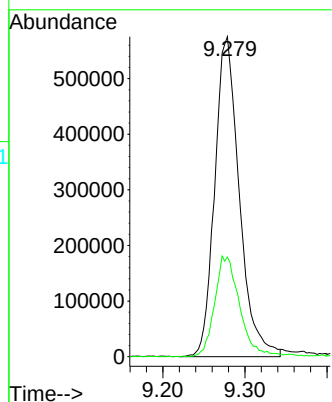
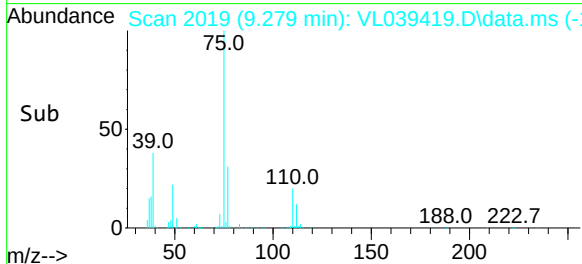
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



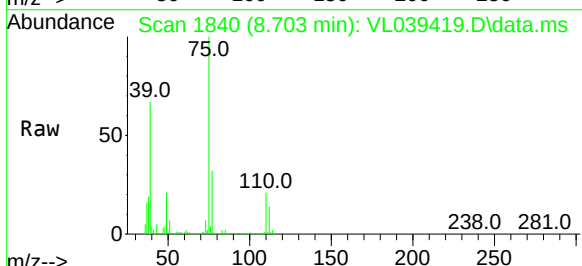
Tgt Ion: 75 Resp: 1198900
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8

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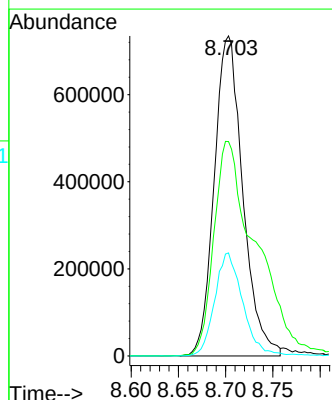
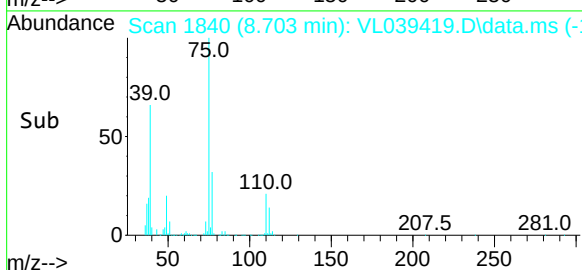
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

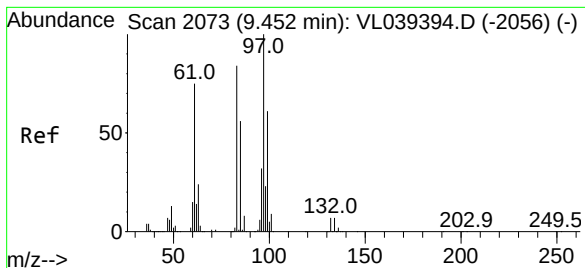


#46
cis-1,3-Dichloropropene
Concen: 11.723 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. 0.023 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



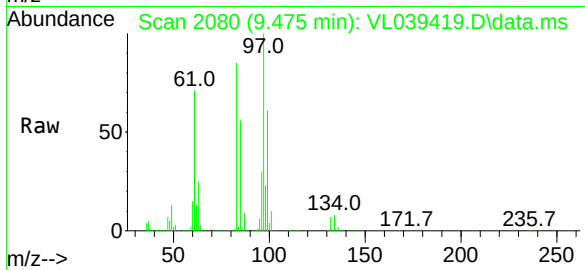
Tgt Ion: 75 Resp: 1545283
Ion Ratio Lower Upper
75 100
39 66.9 55.0 82.4
77 32.1 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.805 ppbv
RT: 9.475 min Scan# 2073
Delta R.T. 0.023 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

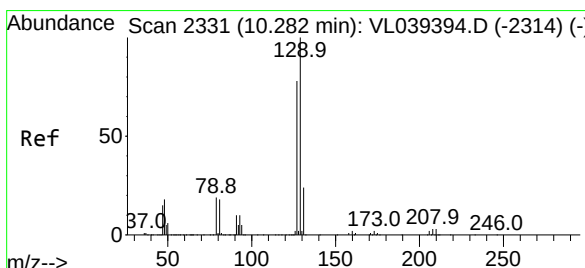
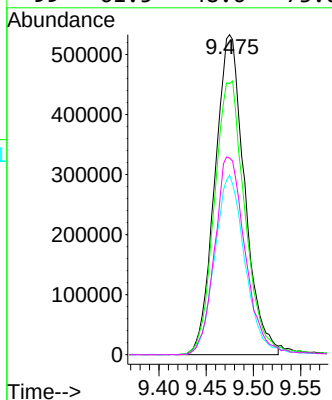
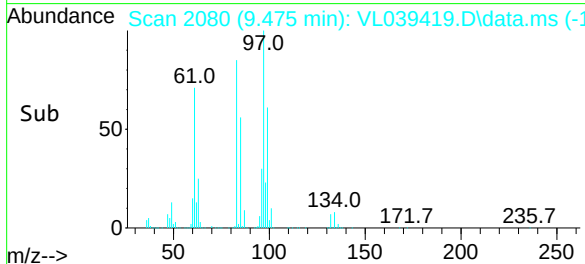


Tgt Ion: 97 Resp: 116262

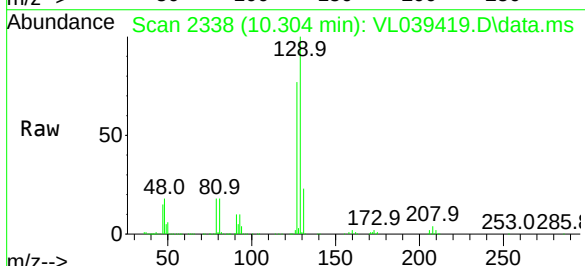
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.0
85	56.1	45.1	67.7
99	61.5	48.6	73.0

Manual Integrations
APPROVED

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

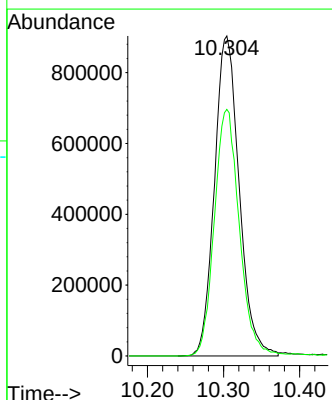
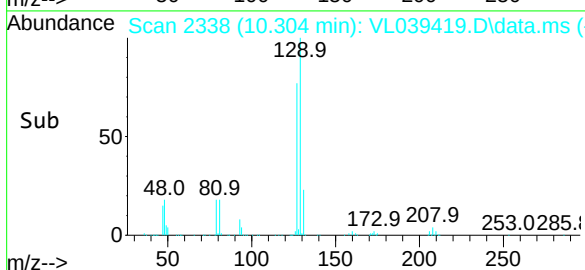


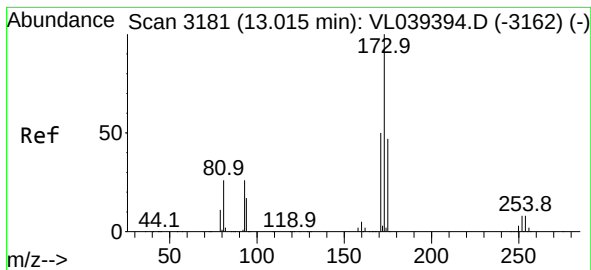
#48
Dibromochloromethane
Concen: 10.827 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.023 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



Tgt Ion:129 Resp: 2040351

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.3	117.9





#49

Bromoform

Concen: 11.277 ppbv

RT: 13.037 min Scan# 3181

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1714429

Ion Ratio Lower Upper

173 100

175 50.3 40.3 60.5

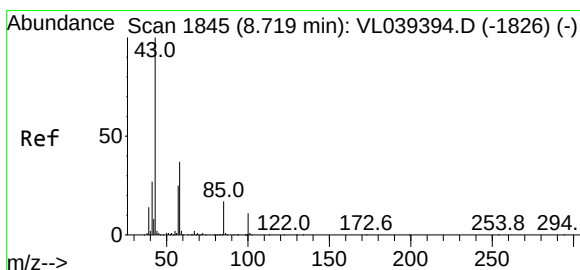
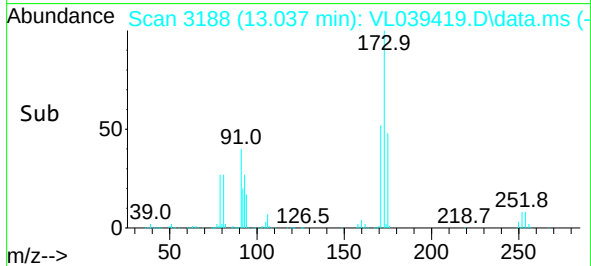
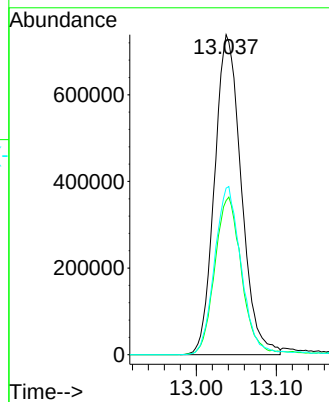
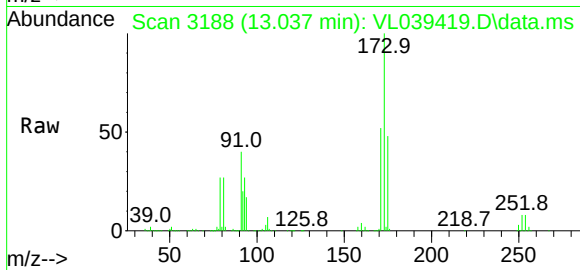
171 53.5 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

4-Methyl-2-Pentanone

Concen: 10.767 ppbv

RT: 8.738 min Scan# 1851

Delta R.T. 0.019 min

Lab File: VL039419.D

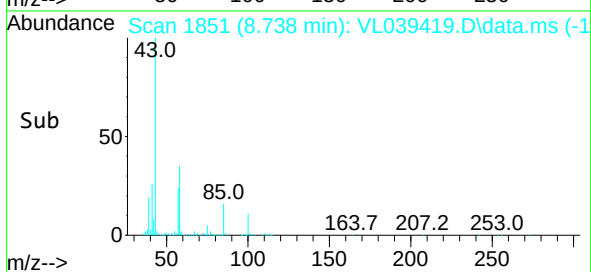
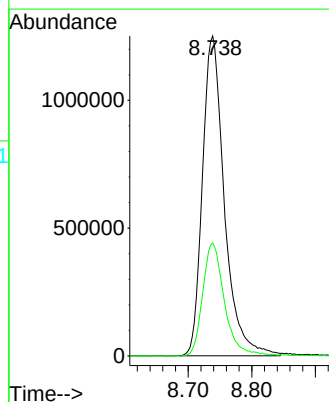
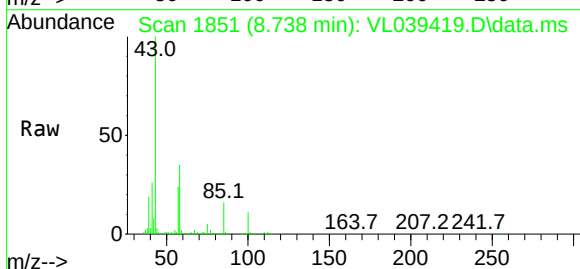
Acq: 5 Jul 2022 13:18

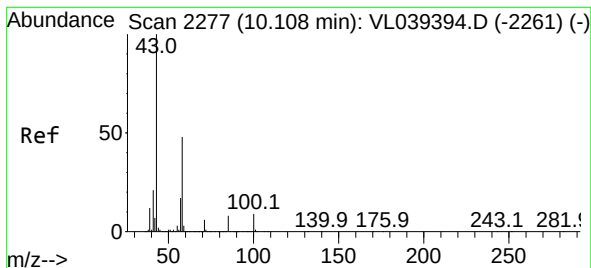
Tgt Ion: 43 Resp: 2995360

Ion Ratio Lower Upper

43 100

58 35.2 28.8 43.2





#51

2-Hexanone

Concen: 11.244 ppbv

RT: 10.127 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 236587

Ion Ratio Lower Upper

43 100

58 48.1 38.4 57.6

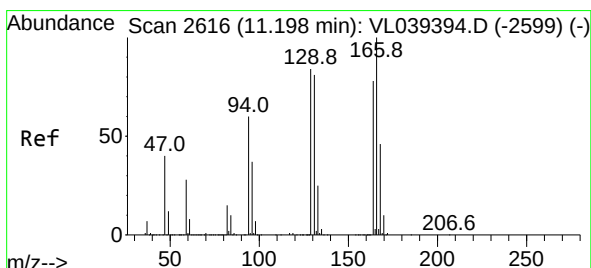
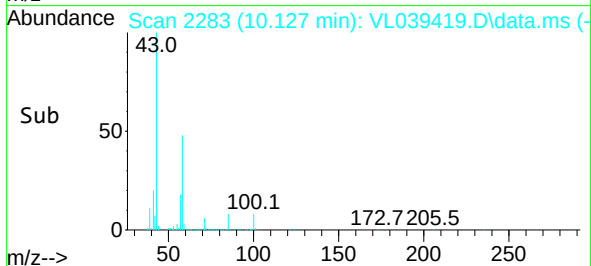
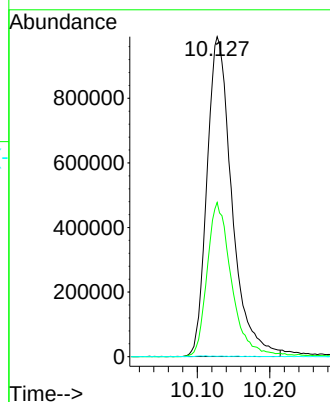
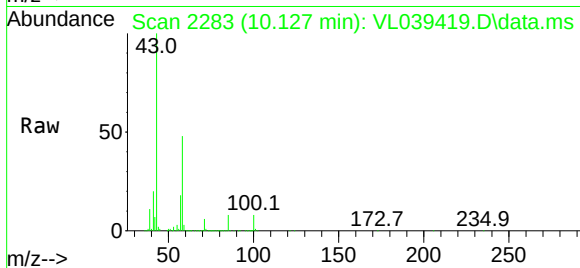
98 0.2 0.3 0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#52

Tetrachloroethene

Concen: 9.572 ppbv

RT: 11.224 min Scan# 2624

Delta R.T. 0.026 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Tgt Ion:164 Resp: 1090004

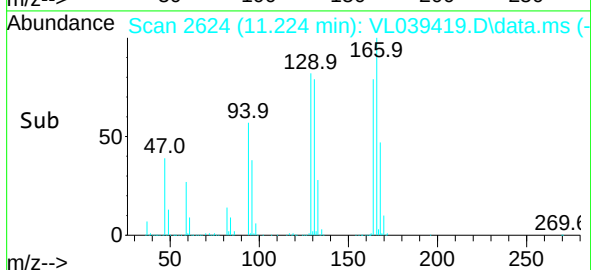
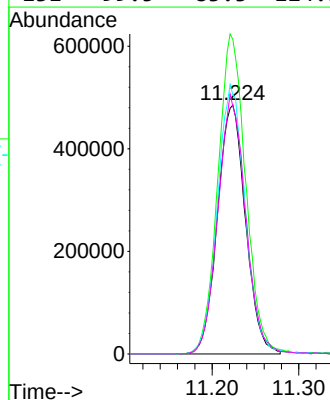
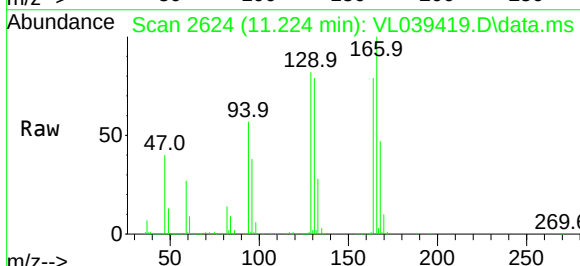
Ion Ratio Lower Upper

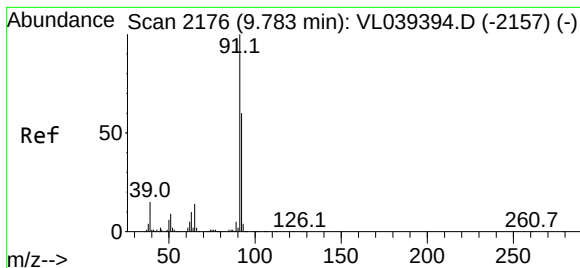
164 100

166 126.3 102.2 153.2

129 104.1 85.8 128.8

131 99.5 83.3 124.9





#53

Toluene

Concen: 10.403 ppbv

RT: 9.803 min Scan# 2176

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 339427

Ion Ratio Lower Upper

91 100

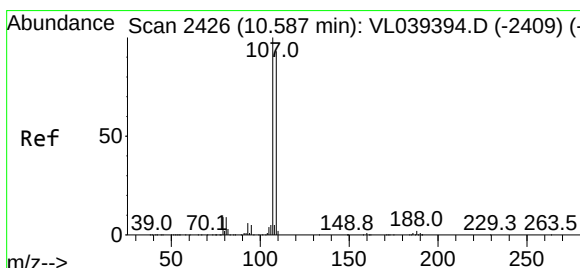
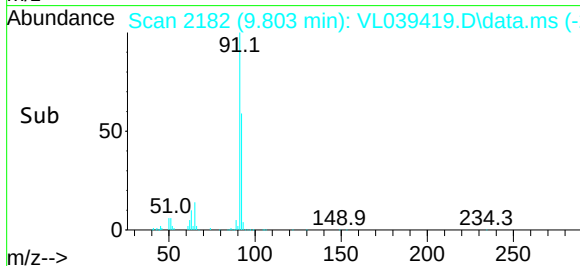
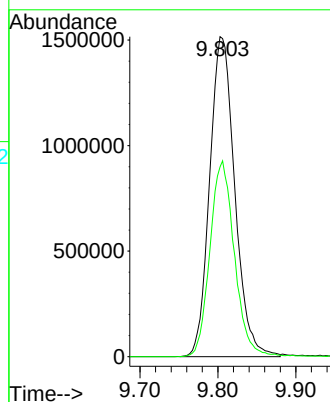
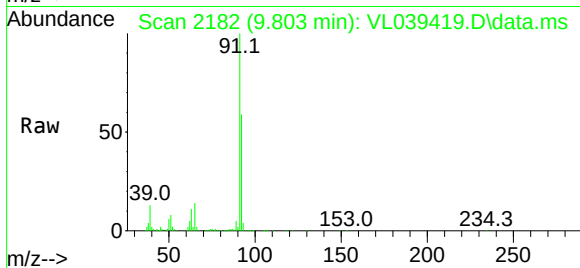
92 59.7 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#54

1,2-Dibromoethane

Concen: 10.469 ppbv

RT: 10.610 min Scan# 2433

Delta R.T. 0.023 min

Lab File: VL039419.D

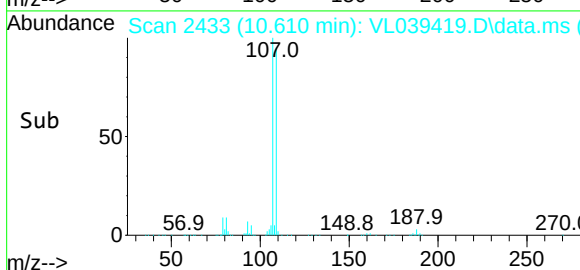
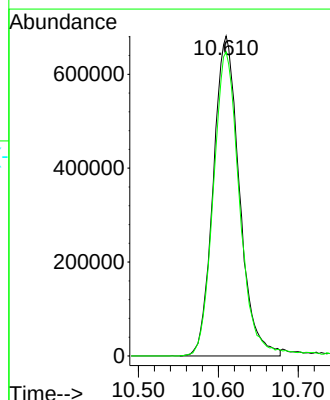
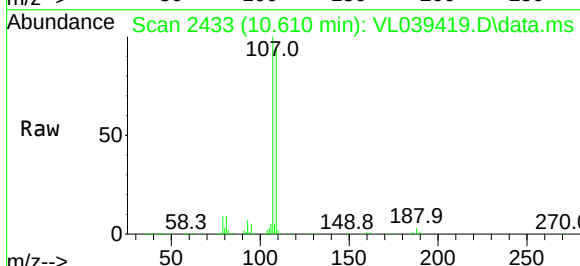
Acq: 5 Jul 2022 13:18

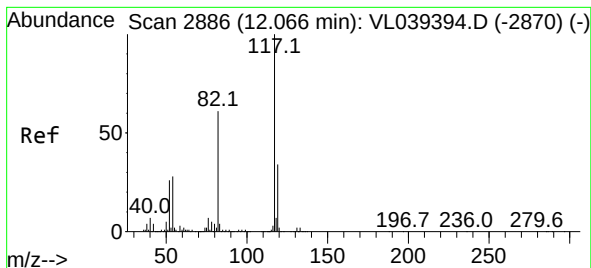
Tgt Ion:107 Resp: 1544497

Ion Ratio Lower Upper

107 100

109 94.9 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.086 min Scan# 2886

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 3502200

Ion Ratio Lower Upper

117 100

82 63.8 50.8 76.2

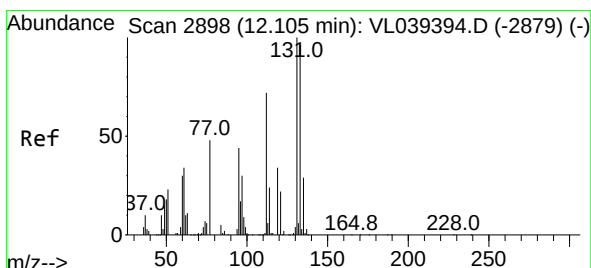
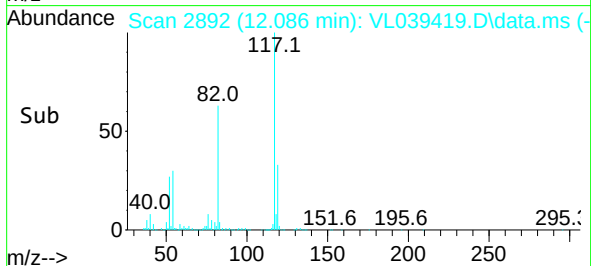
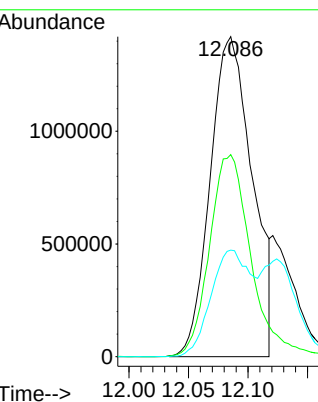
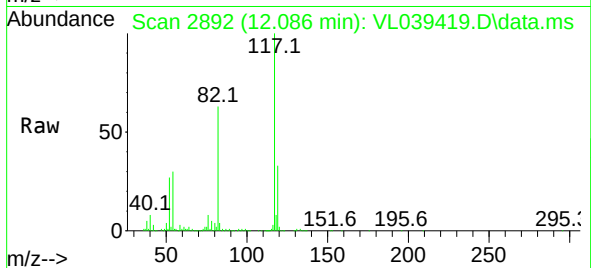
119 32.3 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.569 ppbv

RT: 12.124 min Scan# 2904

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

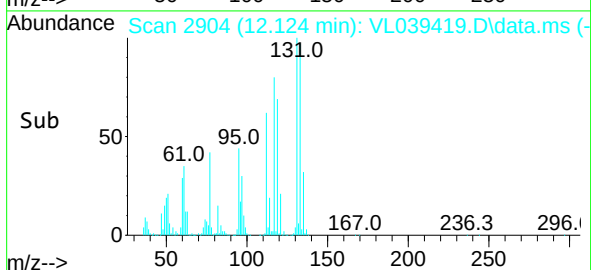
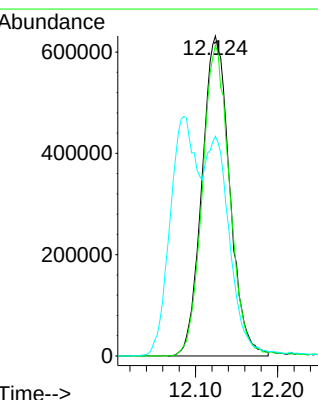
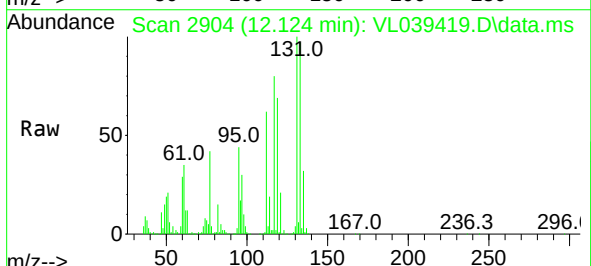
Tgt Ion:131 Resp: 1480405

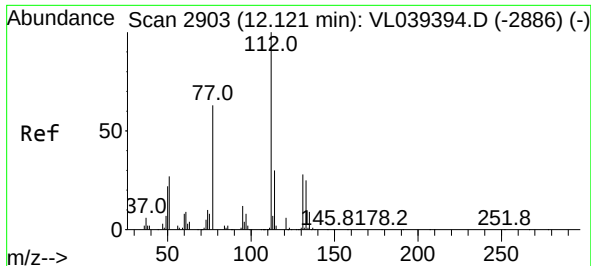
Ion Ratio Lower Upper

131 100

133 96.9 76.8 115.2

119 64.6 46.2 69.4





#57

Chlorobenzene

Concen: 9.467 ppbv

RT: 12.147 min Scan# 2903

Delta R.T. 0.026 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 257049

Ion Ratio Lower Upper

112 100

77 65.9 51.0 76.4

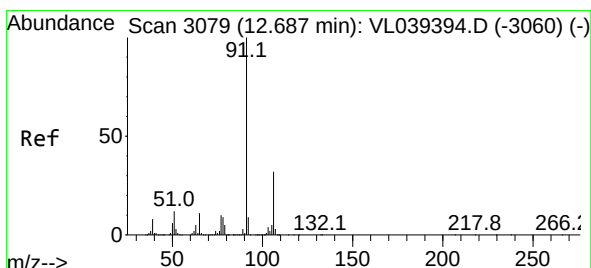
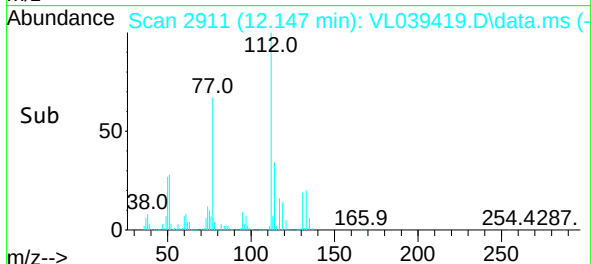
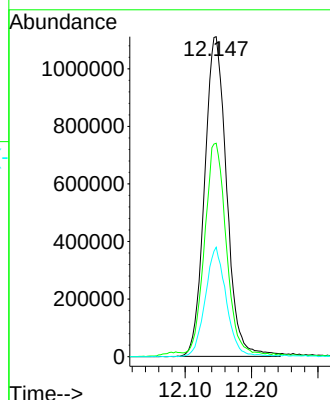
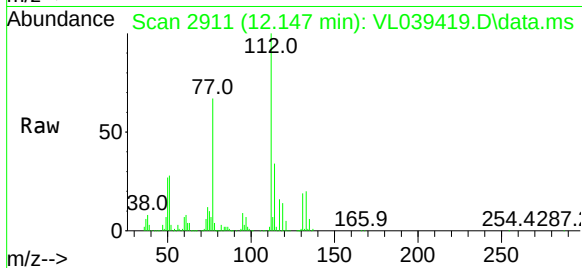
114 34.0 27.5 33.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#58

Ethyl Benzene

Concen: 10.010 ppbv

RT: 12.709 min Scan# 3086

Delta R.T. 0.023 min

Lab File: VL039419.D

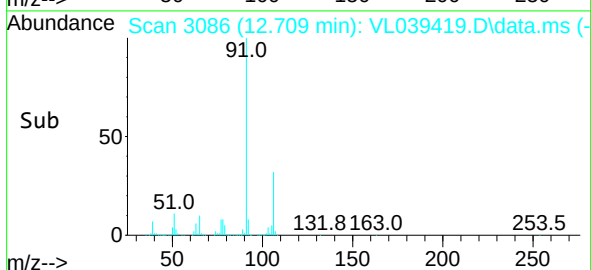
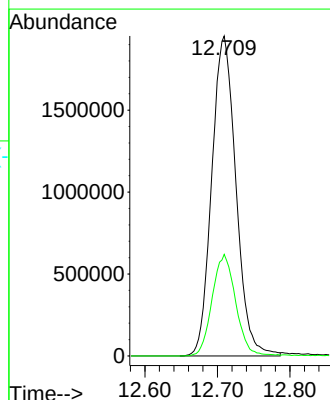
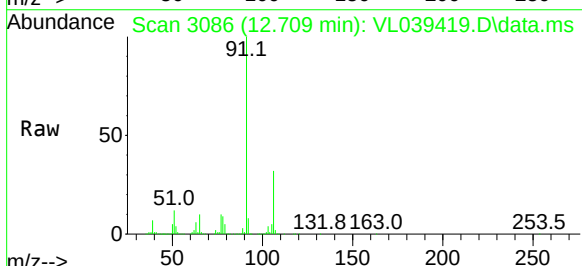
Acq: 5 Jul 2022 13:18

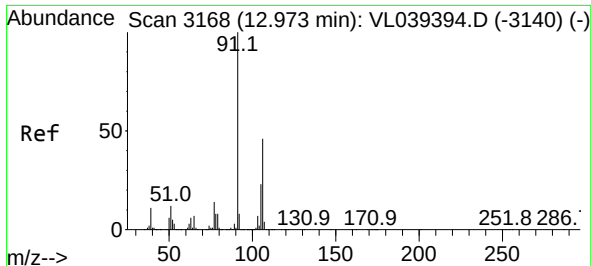
Tgt Ion: 91 Resp: 4526826

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0





#59

m/p-Xylene

Concen: 19.406 ppbv m

RT: 12.992 min Scan# 3168

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 7737069

Ion Ratio Lower Upper

91 100

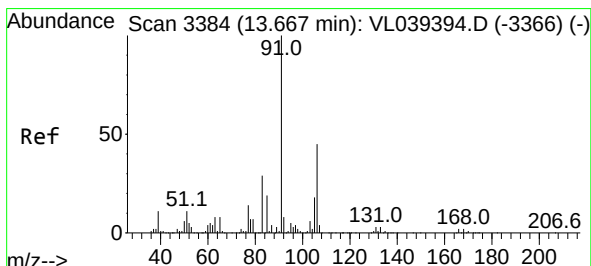
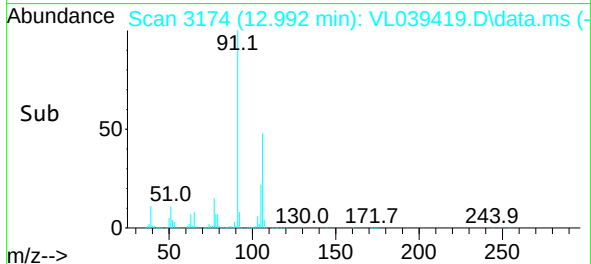
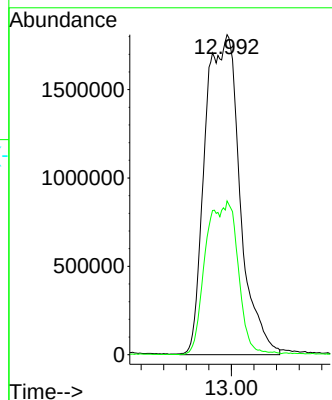
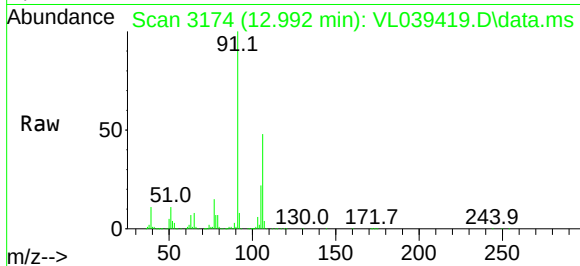
106 45.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#60

o-Xylene

Concen: 9.770 ppbv

RT: 13.690 min Scan# 3391

Delta R.T. 0.023 min

Lab File: VL039419.D

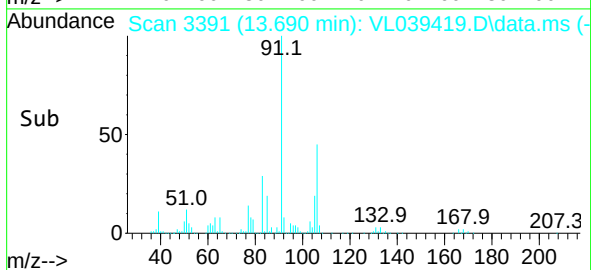
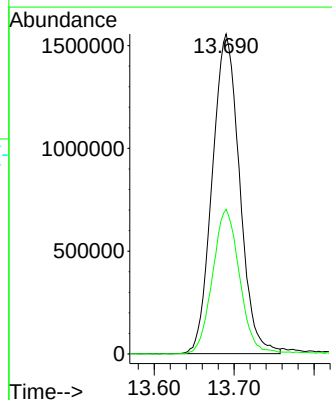
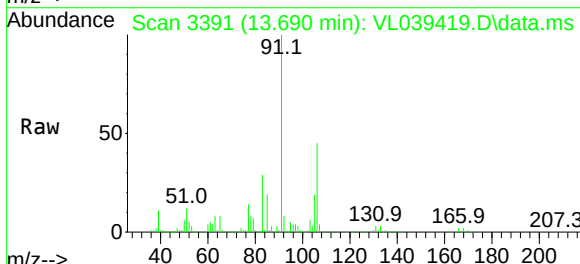
Acq: 5 Jul 2022 13:18

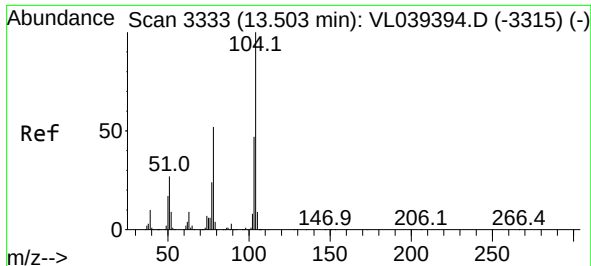
Tgt Ion: 91 Resp: 3688346

Ion Ratio Lower Upper

91 100

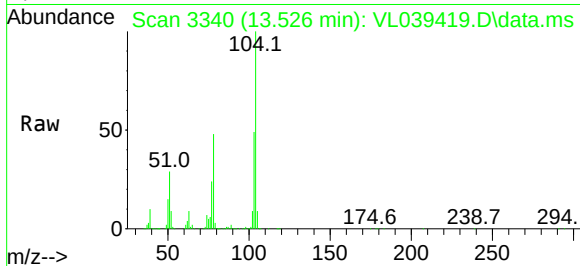
106 45.4 22.4 67.3





#61
Styrene
Concen: 11.040 ppbv
RT: 13.526 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

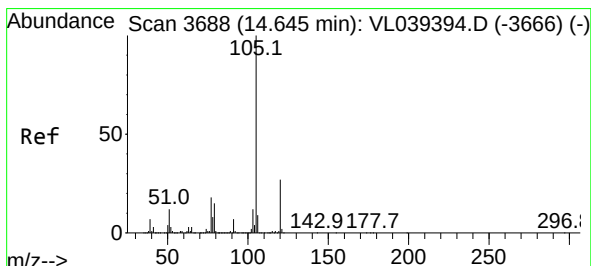
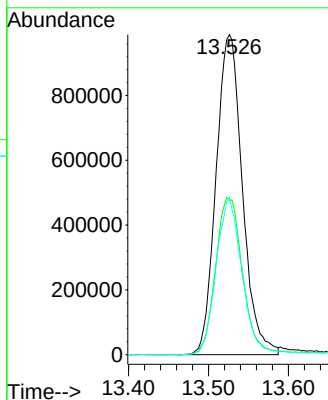
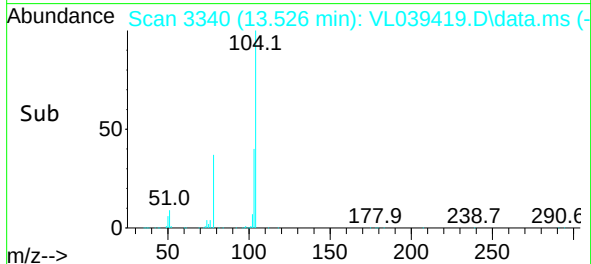
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



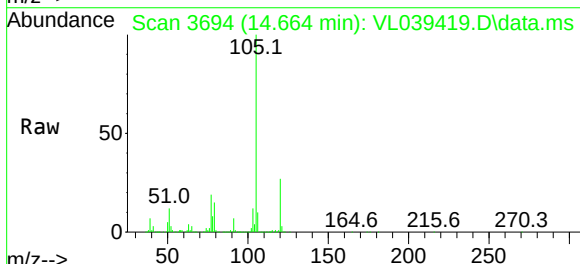
Tgt Ion:104 Resp: 2257678
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 48.7 38.7 58.1

Manual Integrations
APPROVED

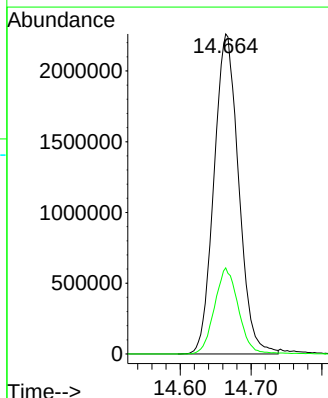
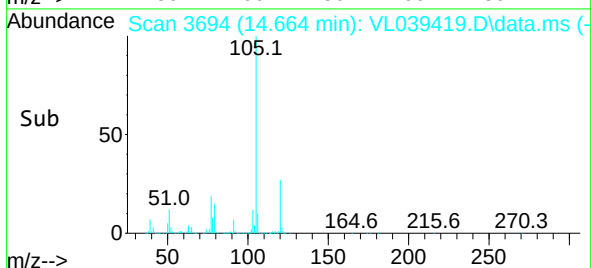
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

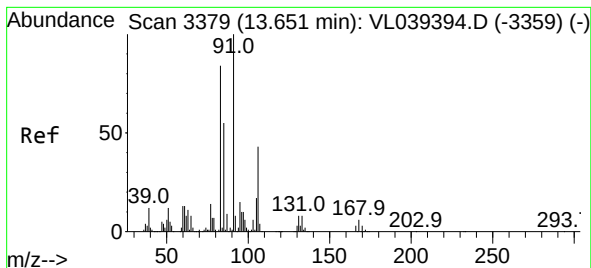


#62
Isopropylbenzene
Concen: 9.504 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.019 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18



Tgt Ion:105 Resp: 5463796
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 8.895 ppbv

RT: 13.674 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1760219

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

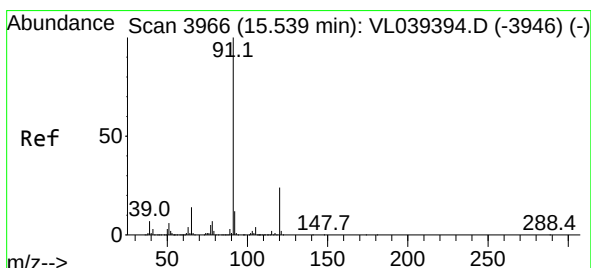
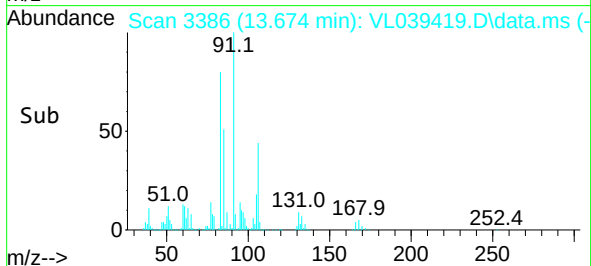
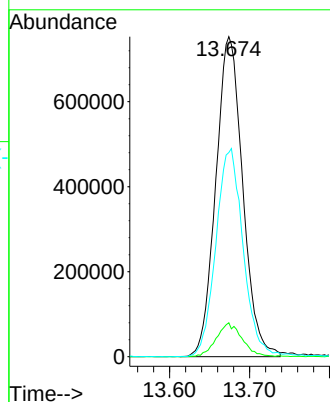
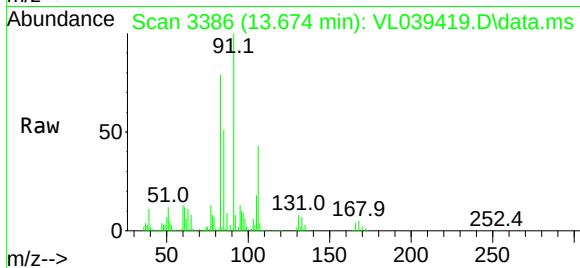
85 66.6 33.1 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#64

n-propylbenzene

Concen: 10.007 ppbv

RT: 15.558 min Scan# 3972

Delta R.T. 0.019 min

Lab File: VL039419.D

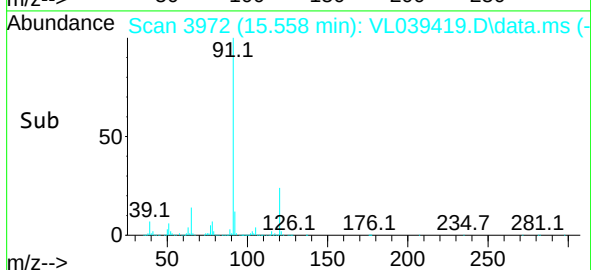
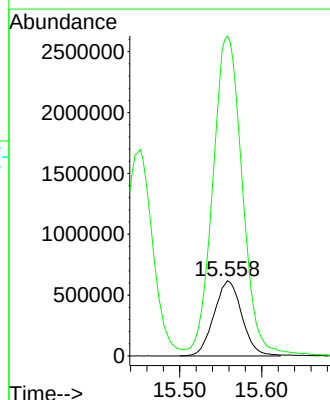
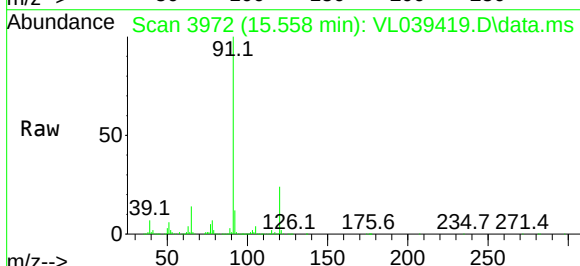
Acq: 5 Jul 2022 13:18

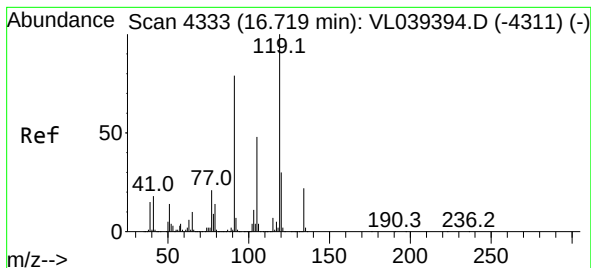
Tgt Ion:120 Resp: 1458257

Ion Ratio Lower Upper

120 100

91 453.1 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.350 ppbv

RT: 16.745 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 496742

Ion Ratio Lower Upper

119 100

91 80.2 63.4 95.2

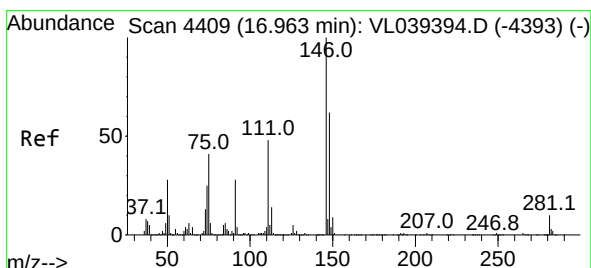
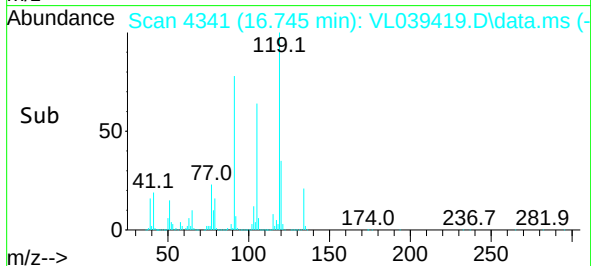
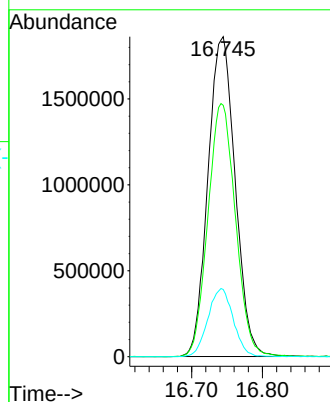
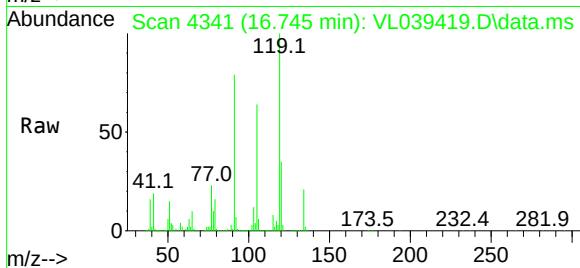
134 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#66

Benzyl Chloride

Concen: 12.969 ppbv

RT: 16.982 min Scan# 4415

Delta R.T. 0.019 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

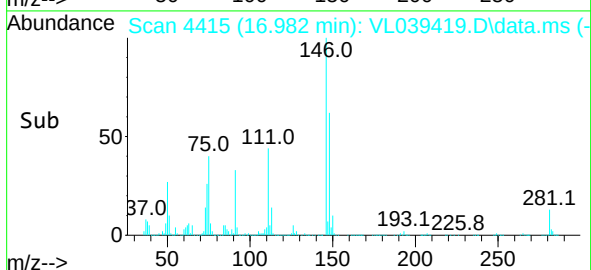
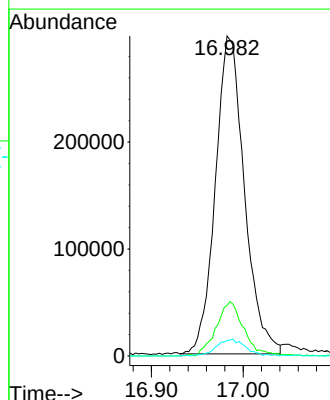
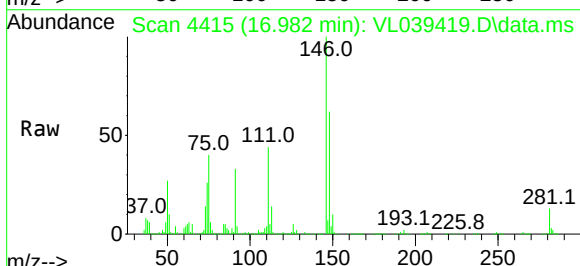
Tgt Ion: 91 Resp: 654752

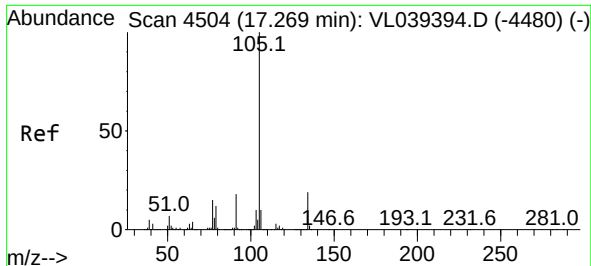
Ion Ratio Lower Upper

91 100

126 16.5 13.1 19.7

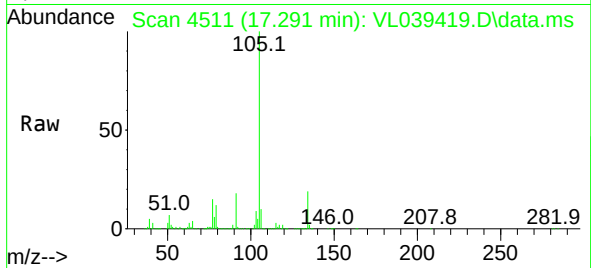
128 5.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.591 ppbv
 RT: 17.291 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

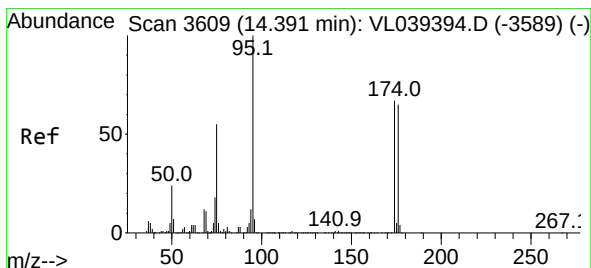
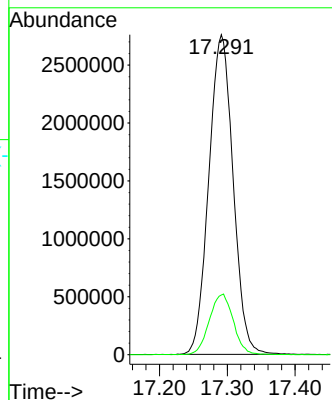
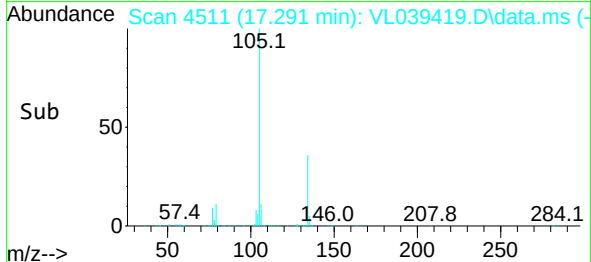
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



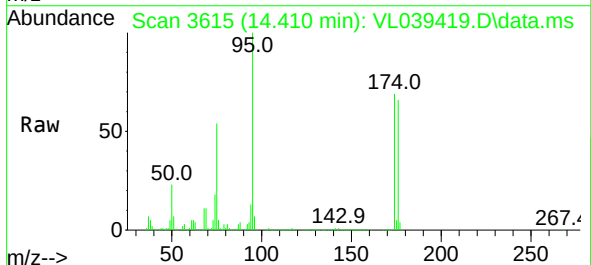
Tgt Ion:105 Resp: 686336
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.8 22.2

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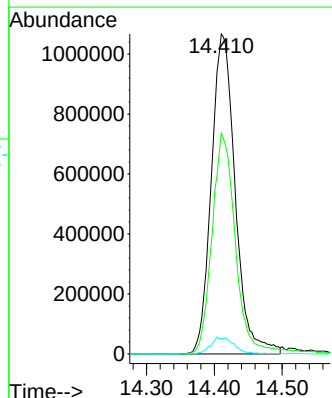
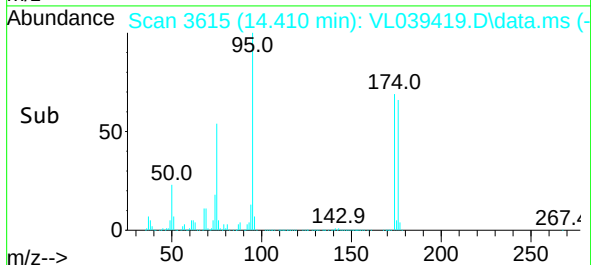
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

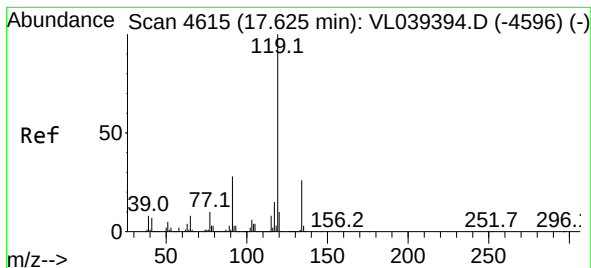


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.037 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.019 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



Tgt Ion: 95 Resp: 2607841
 Ion Ratio Lower Upper
 95 100
 174 68.5 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.765 ppbv

RT: 17.648 min Scan# 401

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 592886

Ion Ratio Lower Upper

119 100

134 25.5 20.3 30.5

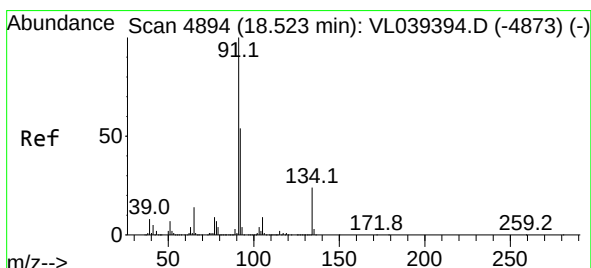
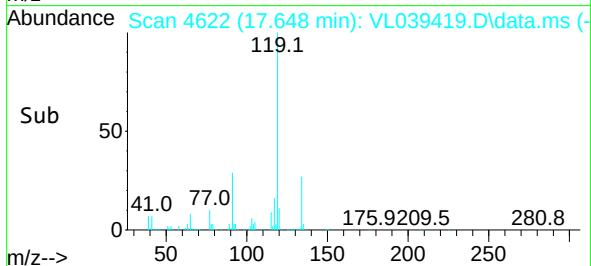
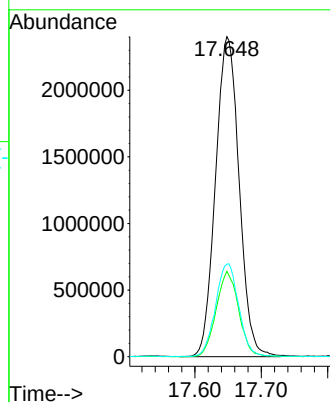
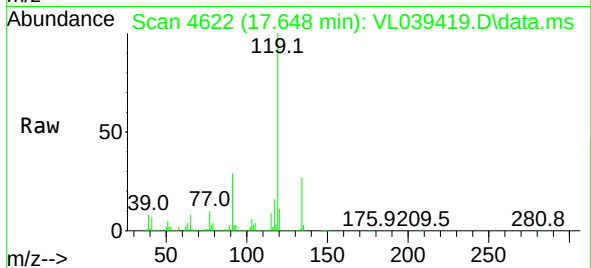
91 28.5 22.9 34.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#70

n-Butylbenzene

Concen: 9.935 ppbv

RT: 18.545 min Scan# 4901

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

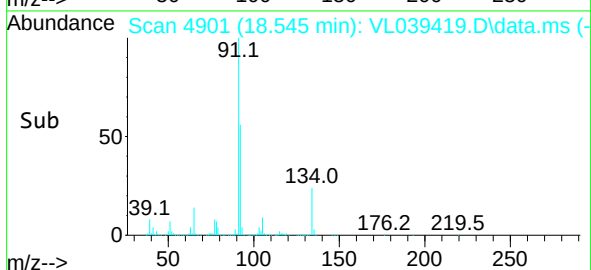
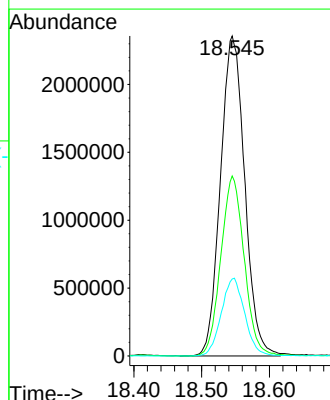
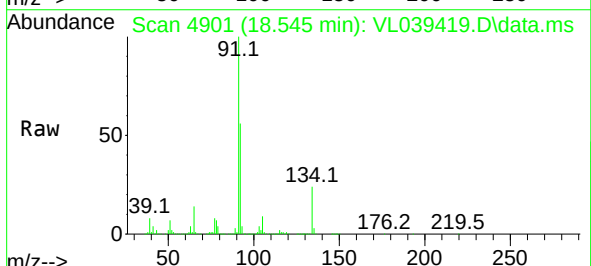
Tgt Ion: 91 Resp: 5854732

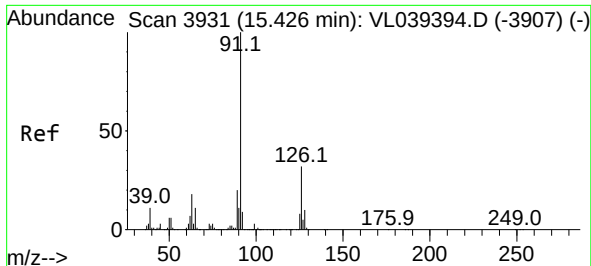
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.2

134 23.6 18.9 28.3





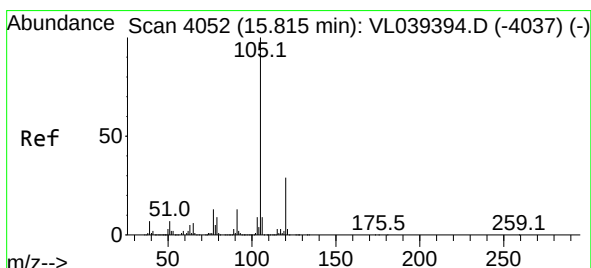
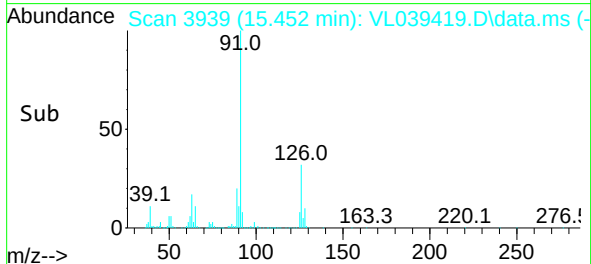
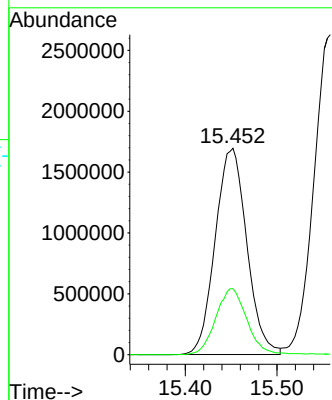
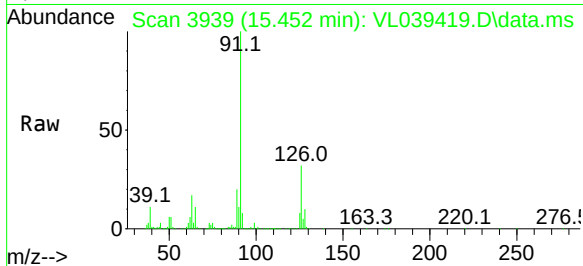
#71
2-Chlorotoluene
Concen: 9.848 ppbv
RT: 15.452 min Scan# 3931
Delta R.T. 0.026 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 405198
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

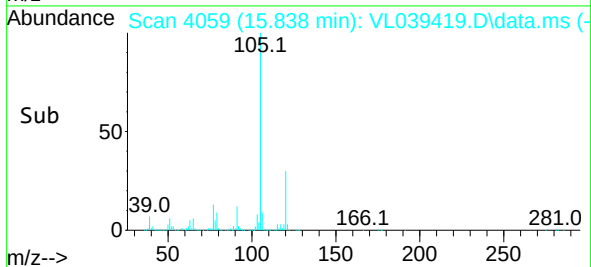
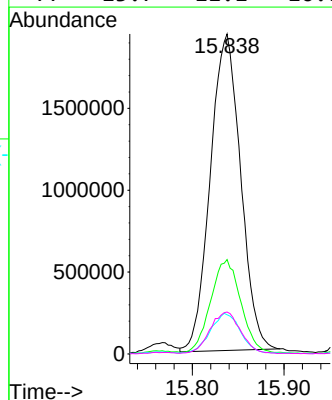
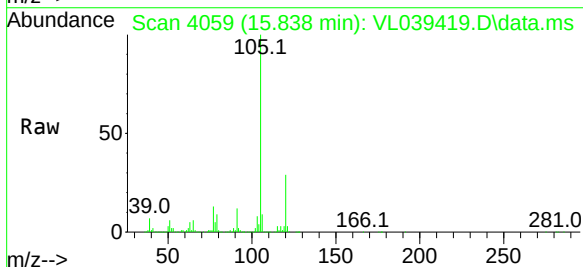
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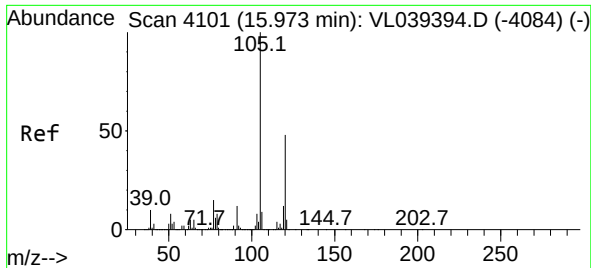
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#72
4-Ethyltoluene
Concen: 10.011 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.023 min
Lab File: VL039419.D
Acq: 5 Jul 2022 13:18

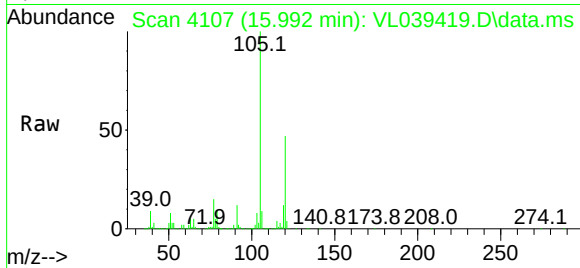
Tgt Ion:105 Resp: 4443649
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 12.8 10.2 15.4
77 13.7 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 10.039 ppbv
 RT: 15.992 min Scan# 4107
 Delta R.T. 0.019 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

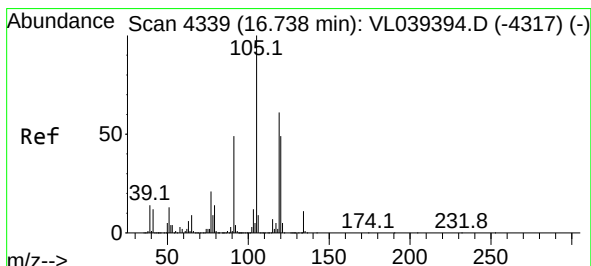
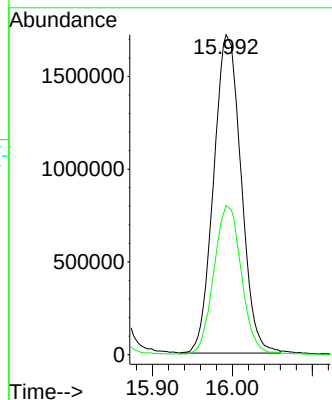
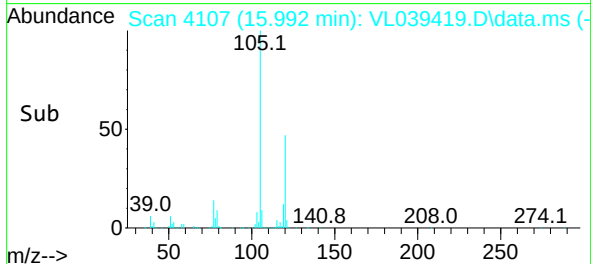
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



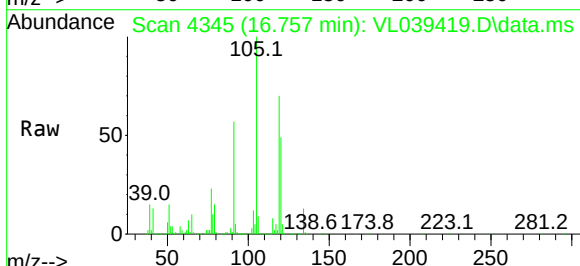
Tgt Ion:105 Resp: 409253
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.2 57.4

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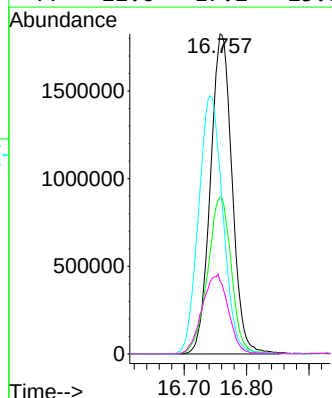
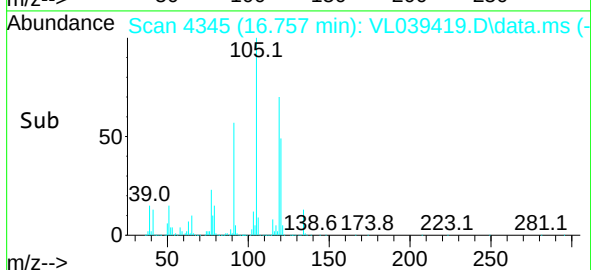
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

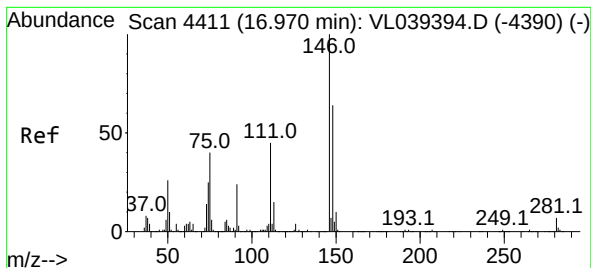


#74
 1,2,4-Trimethylbenzene
 Concen: 9.782 ppbv
 RT: 16.757 min Scan# 4345
 Delta R.T. 0.019 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



Tgt Ion:105 Resp: 4411337
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.5 59.3
 91 56.6 39.2 58.8
 77 22.6 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.788 ppbv

RT: 16.992 min Scan# 4418

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 263305

Ion Ratio Lower Upper

146 100

111 46.2 22.9 68.7

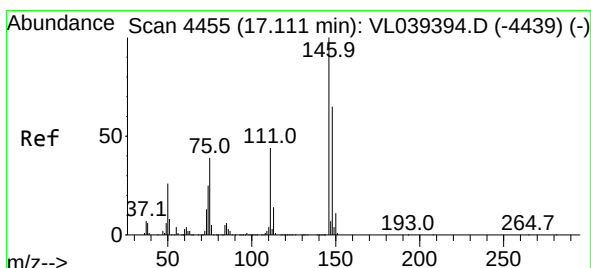
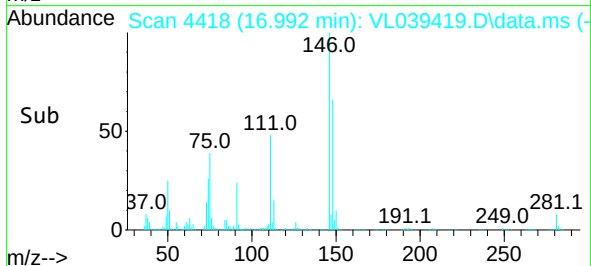
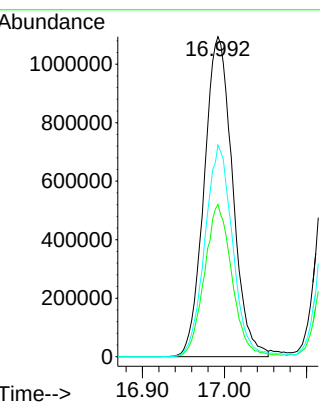
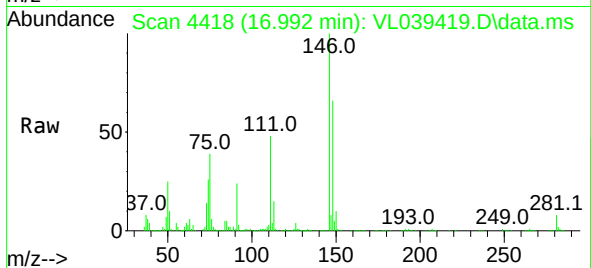
148 64.7 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#76

1,4-Dichlorobenzene

Concen: 9.531 ppbv

RT: 17.137 min Scan# 4463

Delta R.T. 0.026 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

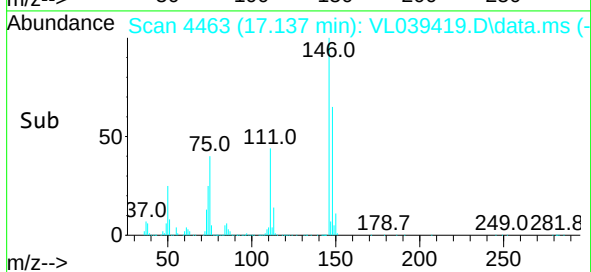
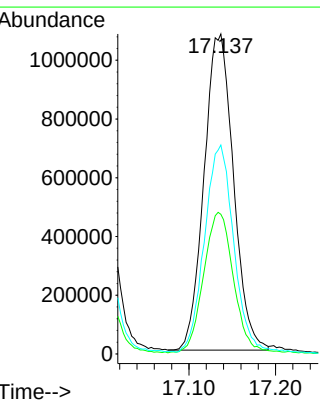
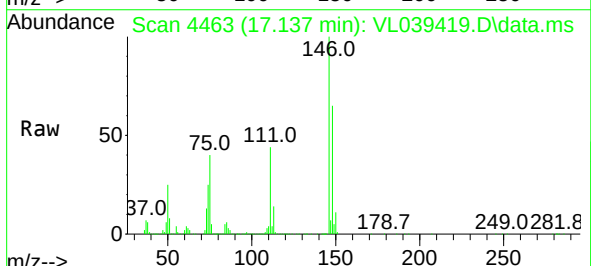
Tgt Ion:146 Resp: 2541172

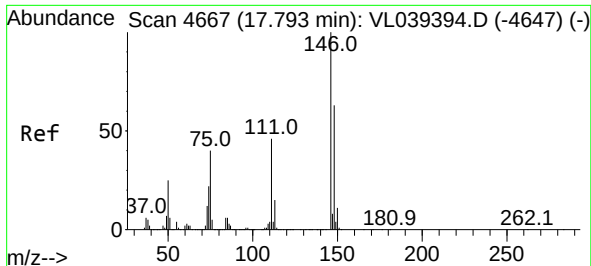
Ion Ratio Lower Upper

146 100

111 46.0 22.9 68.8

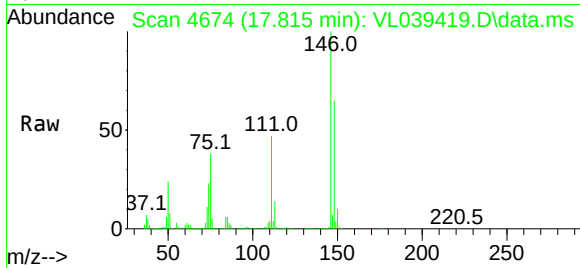
148 66.7 33.6 100.8





#77
 1,2-Dichlorobenzene
 Concen: 9.738 ppbv
 RT: 17.815 min Scan# 4667
 Delta R.T. 0.023 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18

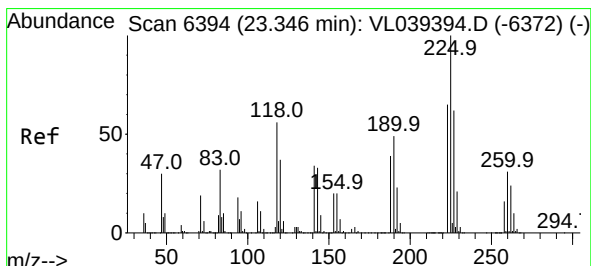
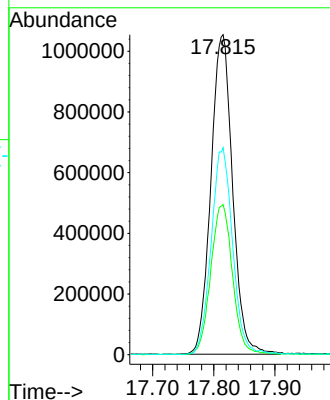
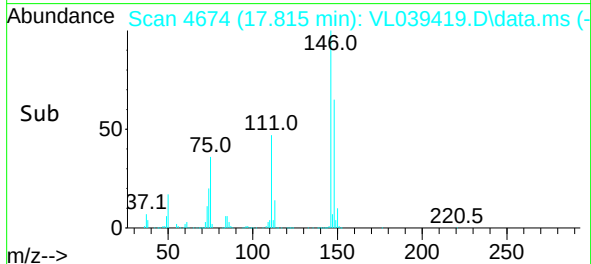
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



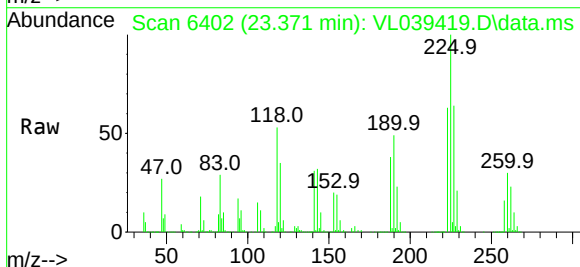
Tgt Ion:146 Resp: 2596702
 Ion Ratio Lower Upper
 146 100
 111 47.2 23.8 71.5
 148 64.1 32.3 96.8

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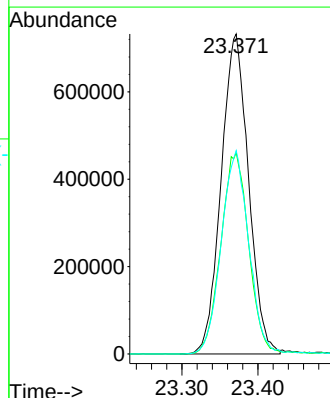
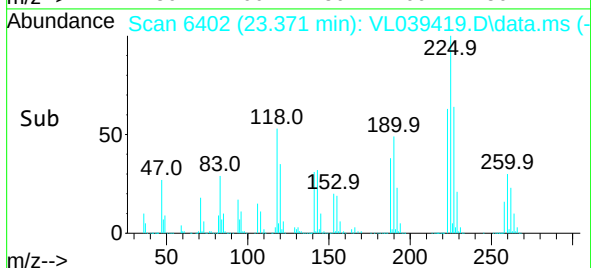
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

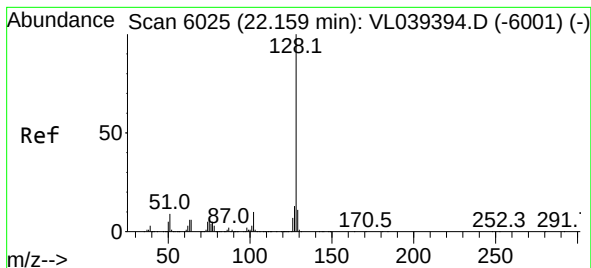


#78
 Hexachloro-1,3-Butadiene
 Concen: 8.533 ppbv
 RT: 23.371 min Scan# 6402
 Delta R.T. 0.026 min
 Lab File: VL039419.D
 Acq: 5 Jul 2022 13:18



Tgt Ion:225 Resp: 1829959
 Ion Ratio Lower Upper
 225 100
 223 64.3 51.8 77.6
 227 64.3 51.4 77.2





#79

Naphthalene

Concen: 12.023 ppbv

RT: 22.191 min Scan# 6025

Delta R.T. 0.032 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 373141

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

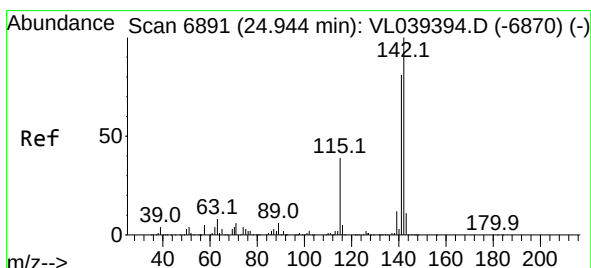
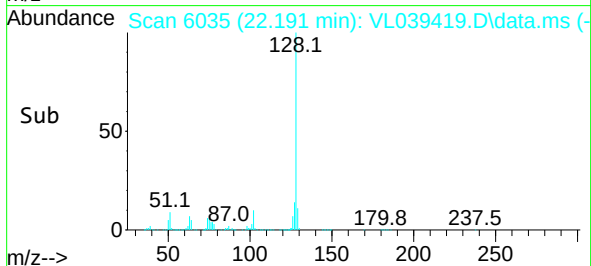
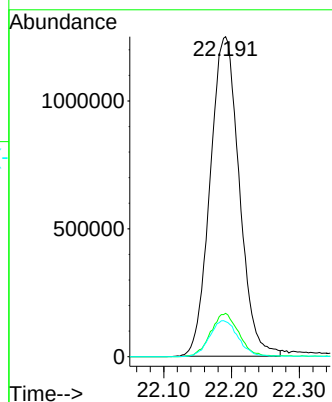
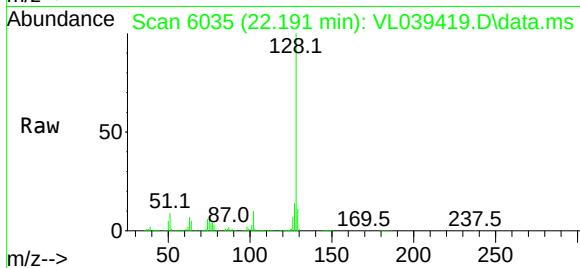
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#80

Naphthalene,2-methyl-

Concen: 12.860 ppbv

RT: 24.966 min Scan# 6898

Delta R.T. 0.023 min

Lab File: VL039419.D

Acq: 5 Jul 2022 13:18

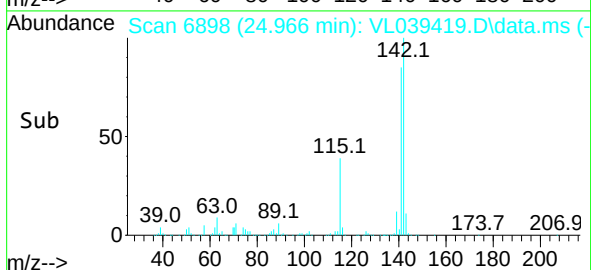
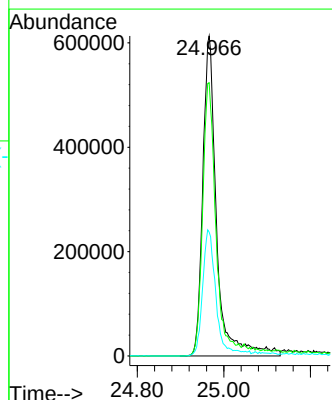
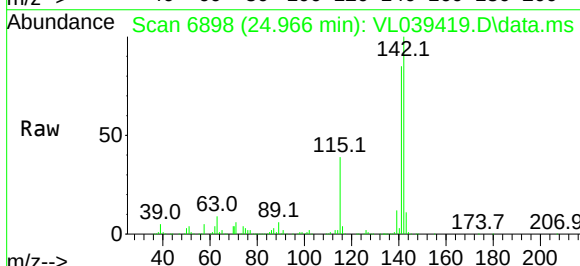
Tgt Ion:142 Resp: 1358414

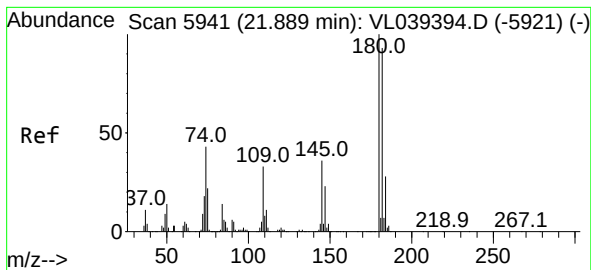
Ion Ratio Lower Upper

142 100

141 85.5 68.9 103.3

115 38.4 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 10.289 ppbv

RT: 21.921 min Scan# 5951

Delta R.T. 0.032 min

Lab File: VL039419.D

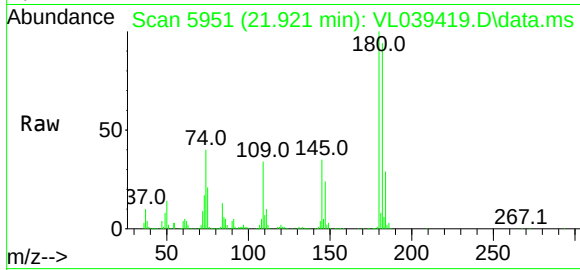
Acq: 5 Jul 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 2079830

Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

184 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022

