

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039471.D
 Acq On : 13 Jul 2022 19:04
 Operator : SY/AP
 Sample : VL0712ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 01:23:37 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

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

Internal Standards						
1) Bromochloromethane	5.677	49	1253201	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	3495564	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	3385788m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 2606685 10.378 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	2334806	12.916	ppbv	98
3) Chlorodifluoromethane	2.999	51	1419031	8.925	ppbv	98
4) Chloromethane	3.150	50	831403	9.561	ppbv	97
5) Vinyl Chloride	3.266	62	747296	8.715	ppbv	96
6) Bromomethane	3.485	94	315084	8.731	ppbv	99
7) Chloroethane	3.568	64	262334	8.601	ppbv	96
8) Dichlorotetrafluoroethane	3.198	85	1806698	9.150	ppbv	99
9) Propene	3.018	41	677149	9.431	ppbv	98
10) Heptane	8.131	43	1660088	9.871	ppbv	99
11) Trichlorofluoromethane	3.960	101	1739669	8.636	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.494	101	1275553	8.495	ppbv	98
13) Ethanol	3.616	45	24496	5.880	ppbv	89
14) Bromoethene	3.748	108	577075	9.141	ppbv	98
15) Acetone	3.854	43	1328550	8.961	ppbv	100
16) 1,3-Butadiene	3.337	39	731395	9.507	ppbv	99
17) tert-Butyl alcohol	4.288	59	1207566	9.596	ppbv	99
18) 1,1-Dichloroethene	4.298	96	601387	8.840	ppbv	96
19) Isopropyl Alcohol	3.967	45	657230	8.311	ppbv #	97
20) Methylene Chloride	4.353	84	497526	8.419	ppbv	98
21) Allyl Chloride	4.420	41	964184	9.389	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	589679	8.955	ppbv	95
23) Vinyl Acetate	5.079	43	1120865	11.312	ppbv	97
24) 1,1-Dichloroethane	5.018	63	1446956	10.340	ppbv	98
25) Ethyl Acetate	5.684	43	3001127	9.872	ppbv	100
26) Hexane	5.697	57	1273459	10.392	ppbv	98
27) Carbon Disulfide	4.558	76	1424299	9.629	ppbv	100
28) Methyl tert-Butyl Ether	5.041	73	1399665	10.683	ppbv	97
29) Chloroform	5.761	83	1945001	9.128	ppbv	97
30) Cyclohexane	7.140	84	1095810	9.822	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1242052	9.552	ppbv	99
32) 1,1,1-Trichloroethane	6.520	97	1936751	9.208	ppbv	100
34) 2-Butanone	5.250	43	1751513	9.954	ppbv	100
35) Carbon Tetrachloride	7.028	117	2022315	9.363	ppbv	97
36) Benzene	6.899	78	2635983	9.743	ppbv	98
37) 1,2-Dichloroethane	6.314	62	1472067	9.219	ppbv	100
38) Trichloroethene	7.848	130	1353651	9.251	ppbv	98
39) 1,2-Dichloropropane	7.626	63	978737	9.684	ppbv	97
40) 1,4-Dioxane	7.841	88	305580	7.587	ppbv #	1
41) Tetrahydrofuran	6.057	42	1058660	10.382	ppbv	98
42) Bromodichloromethane	7.799	83	2108430	9.793	ppbv	99
43) Methyl Methacrylate	8.025	69	1079500	10.494	ppbv	99
44) 2,2,4-Trimethylpentane	7.880	57	4362258	9.515	ppbv	99
45) t-1,3-Dichloropropene	9.285	75	1075456	11.742	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039471.D
 Acq On : 13 Jul 2022 19:04
 Operator : SY/AP
 Sample : VL0712ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Quant Time: Jul 14 01:23:37 2022

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

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

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

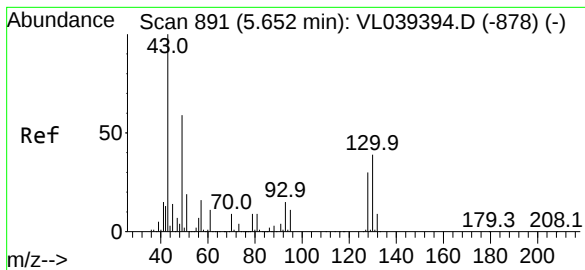
Response via : Initial Calibration

Manual Integrations
 APPROVED

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

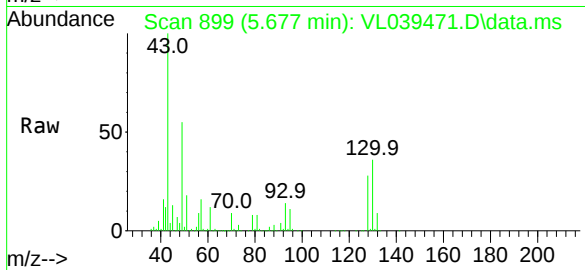
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.713	75	1402515	11.125	ppbv	97
47) 1,1,2-Trichloroethane	9.484	97	1093228	9.640	ppbv	97
48) Dibromochloromethane	10.314	129	1874701	10.401	ppbv	100
49) Bromoform	13.050	173	1606135	11.046	ppbv	98
50) 4-Methyl-2-Pentanone	8.745	43	2782160	10.457	ppbv	99
51) 2-Hexanone	10.137	43	2148413	10.675	ppbv #	99
52) Tetrachloroethene	11.233	164	1027855	9.438	ppbv	98
53) Toluene	9.815	91	3166313	10.146	ppbv	99
54) 1,2-Dibromoethane	10.623	107	1426796	10.111	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.134	131	1377772	9.211	ppbv	95
57) Chlorobenzene	12.156	112	2397483	9.133	ppbv	98
58) Ethyl Benzene	12.719	91	4230764	9.677	ppbv	98
59) m/p-Xylene	13.005	91	7166121m	18.592	ppbv	
60) o-Xylene	13.700	91	3443302	9.434	ppbv	100
61) Styrene	13.536	104	2091234	10.577	ppbv	100
62) Isopropylbenzene	14.674	105	5117947	9.208	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.684	83	1655149	8.652	ppbv	100
64) n-propylbenzene	15.568	120	1341158	9.520	ppbv	98
65) tert-Butylbenzene	16.751	119	4638528	9.031	ppbv	99
66) Benzyl Chloride	16.992	91	518299	10.620	ppbv	100
67) sec-Butylbenzene	17.301	105	6341672	9.167	ppbv	99
69) p-Isopropyltoluene	17.658	119	5488616	9.351	ppbv	99
70) n-Butylbenzene	18.555	91	5355006	9.399	ppbv	100
71) 2-Chlorotoluene	15.462	91	3783369	9.511	ppbv	99
72) 4-Ethyltoluene	15.844	105	4191312	9.767	ppbv	99
73) 1,3,5-Trimethylbenzene	16.005	105	3767363	9.559	ppbv	99
74) 1,2,4-Trimethylbenzene	16.770	105	4026918	9.236	ppbv	98
75) 1,3-Dichlorobenzene	17.002	146	2399557	9.227	ppbv	99
76) 1,4-Dichlorobenzene	17.146	146	2357830	9.147	ppbv	99
77) 1,2-Dichlorobenzene	17.825	146	2334078	9.054	ppbv	99
78) Hexachloro-1,3-Butadiene	23.381	225	1670484	8.057	ppbv	99
79) Naphthalene	22.201	128	3228265	10.759	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	1060905	10.389	ppbv	99
81) 1,2,4-Trichlorobenzene	21.931	180	1867138	9.554	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.677 min Scan# 84
 Delta R.T. 0.026 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

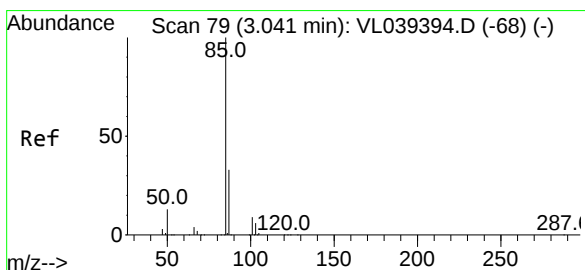
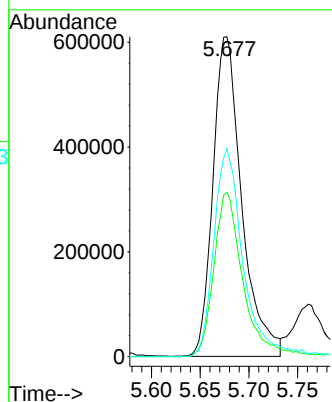
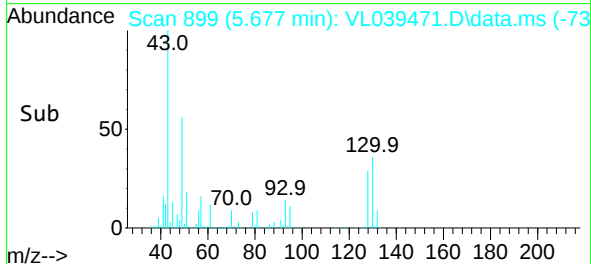
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01



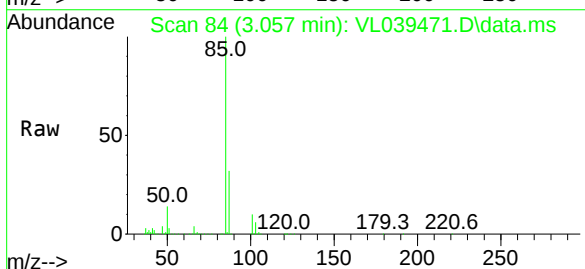
Tgt Ion: 49 Resp: 125320
 Ion Ratio Lower Upper
 49 100
 128 52.8 26.7 80.0
 130 67.5 34.3 102.8

Manual Integrations
 APPROVED

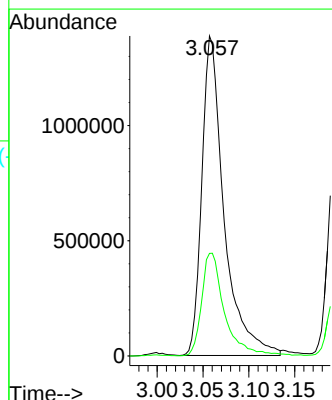
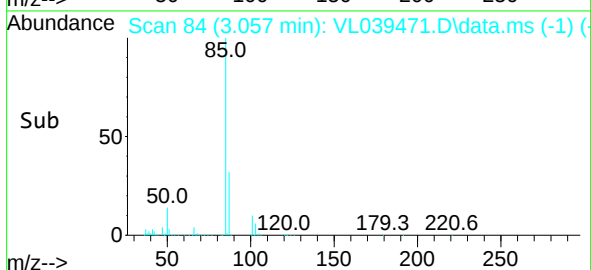
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

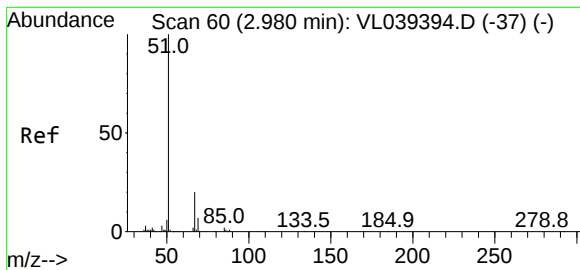


#2
 Dichlorodifluoromethane
 Concen: 12.916 ppbv
 RT: 3.057 min Scan# 84
 Delta R.T. 0.016 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04



Tgt Ion: 85 Resp: 2334806
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.7 40.1





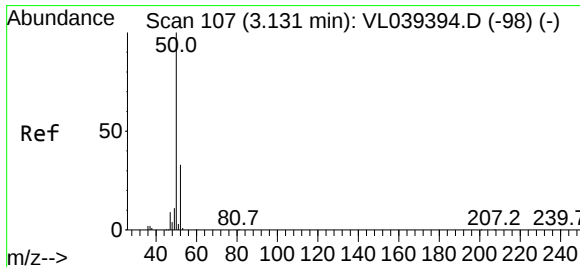
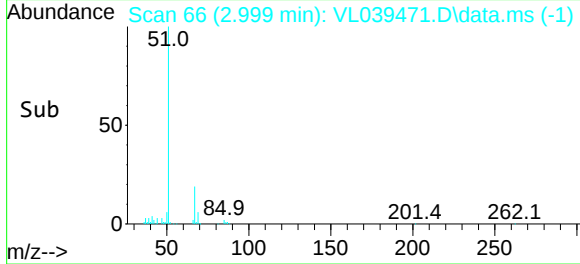
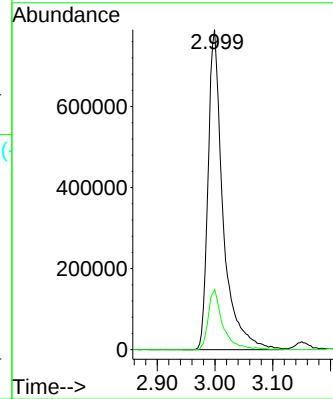
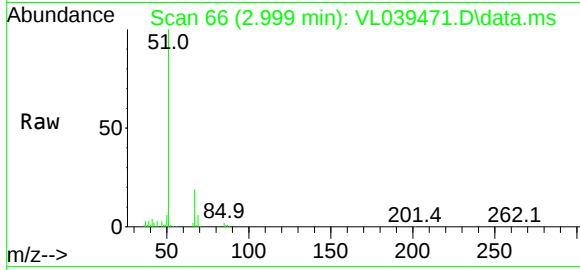
#3
Chlorodifluoromethane
Concen: 8.925 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 51 Resp: 141903
Ion Ratio Lower Upper
51 100
67 18.5 15.7 23.5

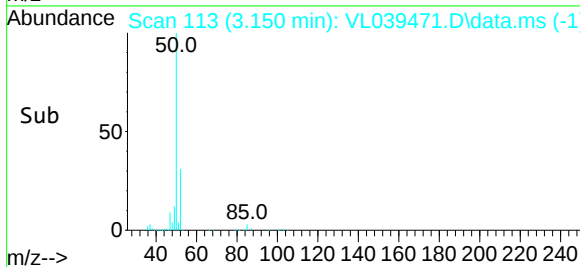
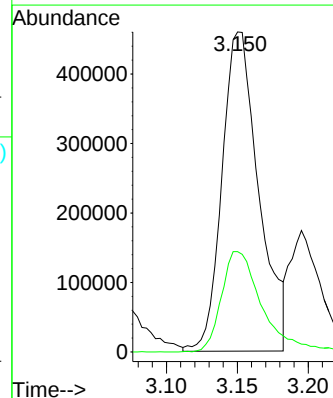
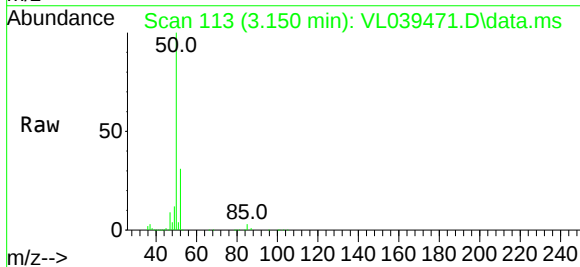
Manual Integrations
APPROVED

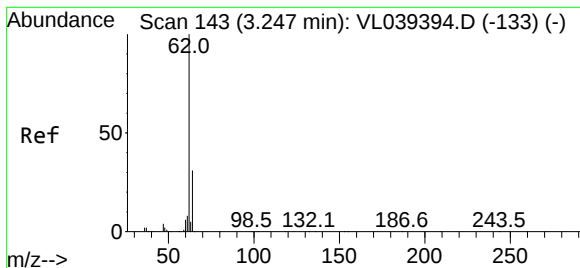
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#4
Chloromethane
Concen: 9.561 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

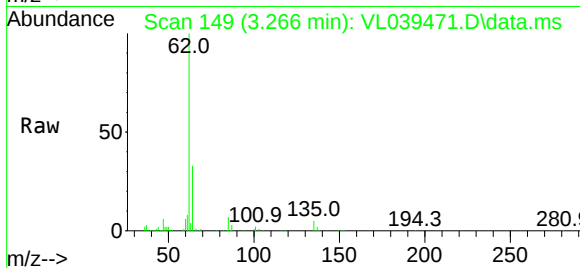
Tgt Ion: 50 Resp: 831403
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.715 ppbv
 RT: 3.266 min Scan# 143
 Delta R.T. 0.019 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

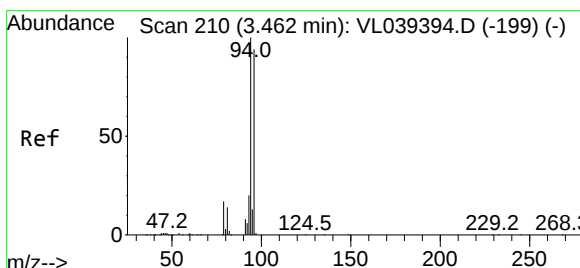
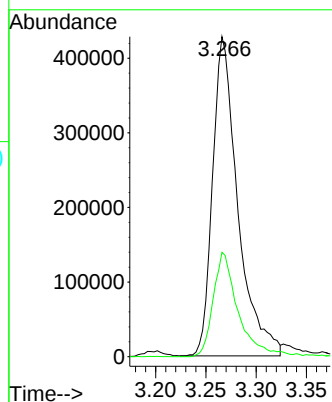
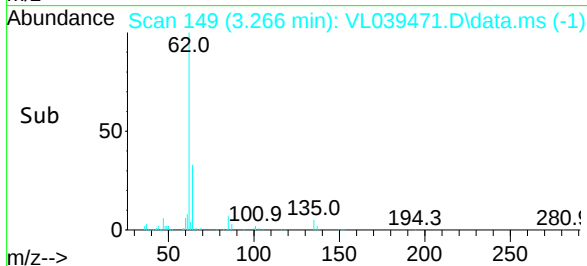
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01



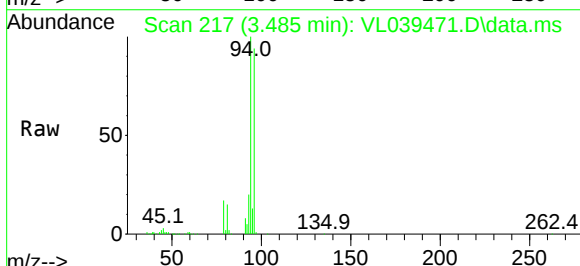
Tgt Ion: 62 Resp: 747290
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.6 36.8

Manual Integrations
 APPROVED

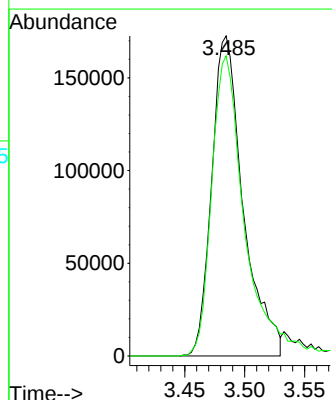
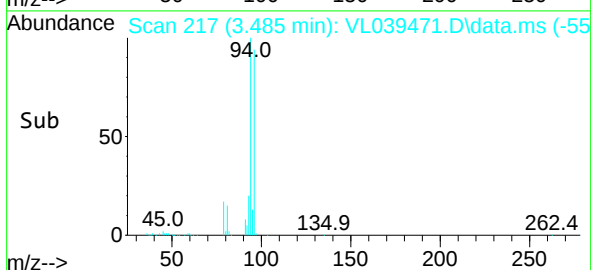
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

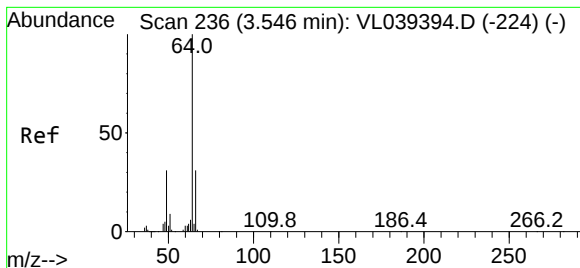


#6
 Bromomethane
 Concen: 8.731 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04



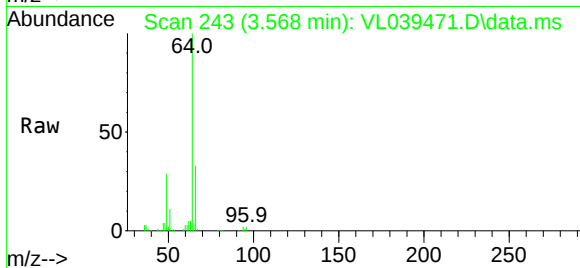
Tgt Ion: 94 Resp: 315084
 Ion Ratio Lower Upper
 94 100
 96 93.7 75.6 113.4





#7
Chloroethane
Concen: 8.601 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

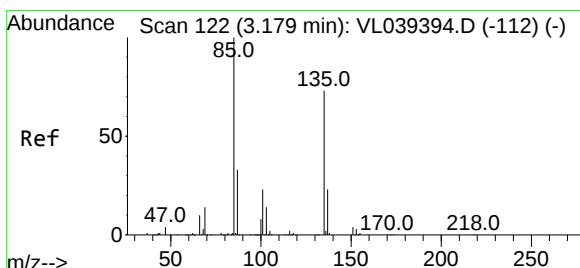
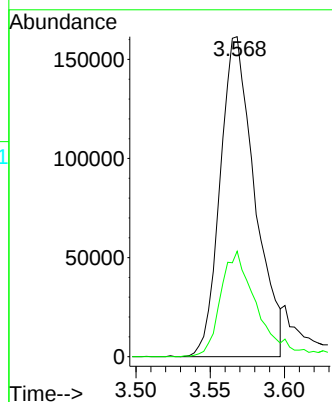
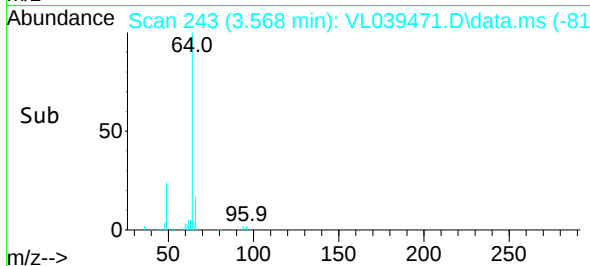
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion: 64 Resp: 262334
Ion Ratio Lower Upper
64 100
66 32.9 24.7 37.1

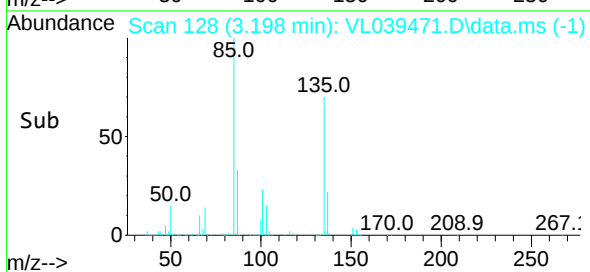
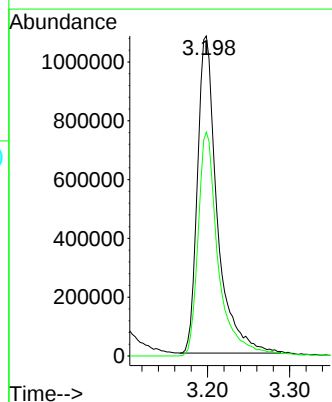
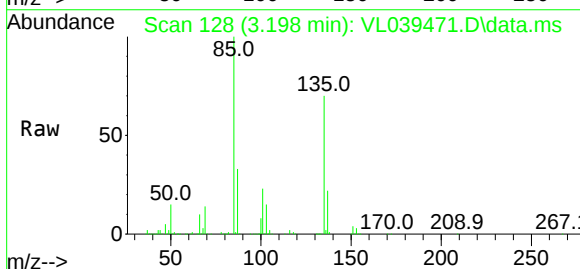
Manual Integrations
APPROVED

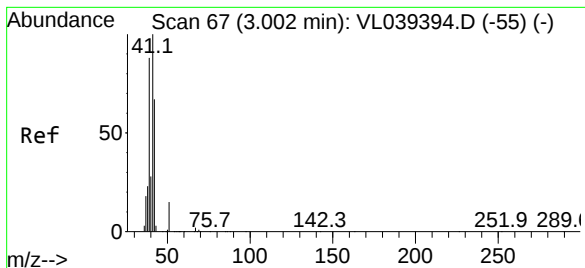
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#8
Dichlorotetrafluoroethane
Concen: 9.150 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion: 85 Resp: 1806698
Ion Ratio Lower Upper
85 100
135 72.9 59.0 88.4





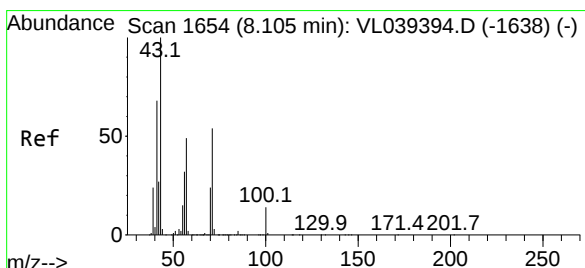
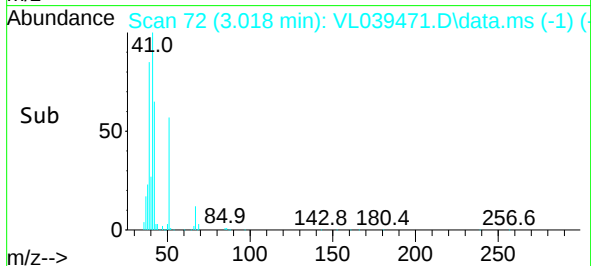
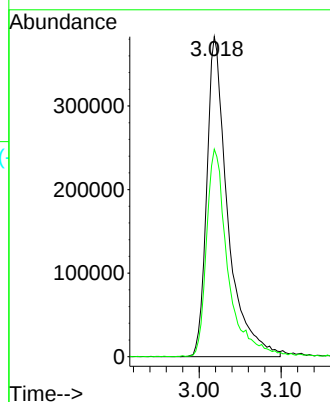
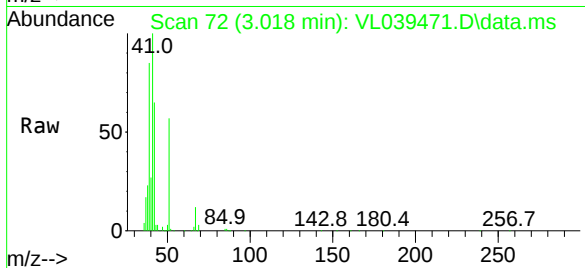
#9
 Propene
 Concen: 9.431 ppbv
 RT: 3.018 min Scan# 70
 Delta R.T. 0.016 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Tgt Ion: 41 Resp: 677149
 Ion Ratio Lower Upper
 41 100
 42 67.3 55.2 82.8

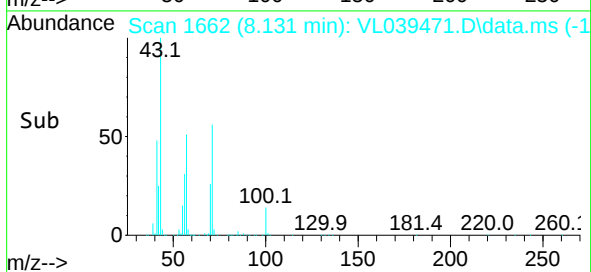
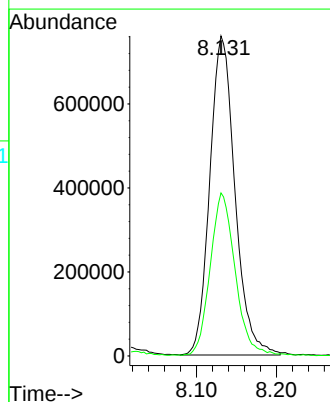
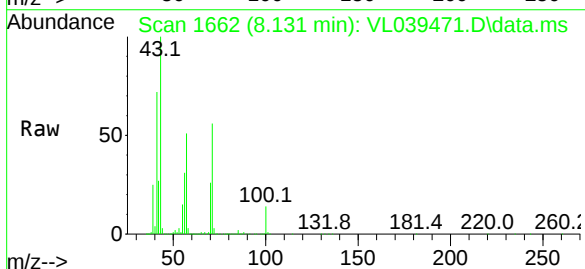
Manual Integrations
 APPROVED

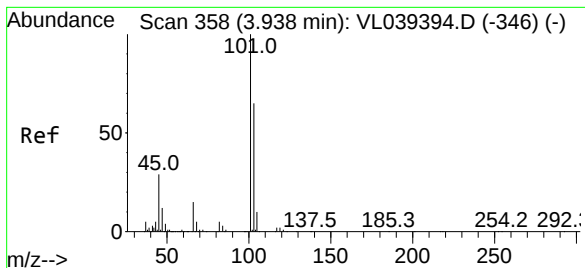
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#10
 Heptane
 Concen: 9.871 ppbv
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.026 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

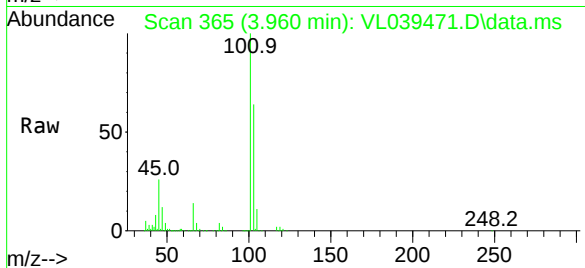
Tgt Ion: 43 Resp: 1660088
 Ion Ratio Lower Upper
 43 100
 57 51.3 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 8.636 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

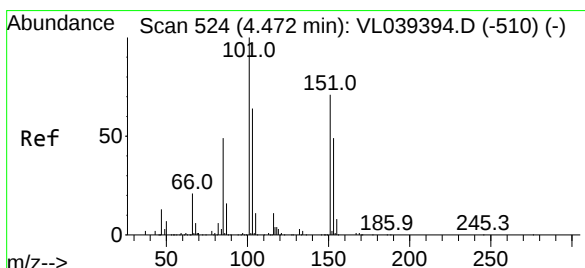
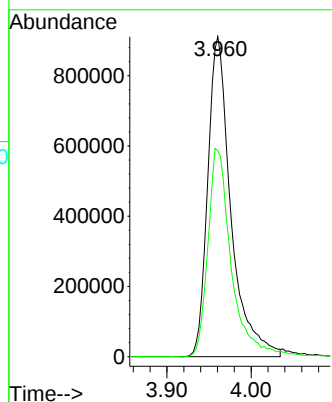
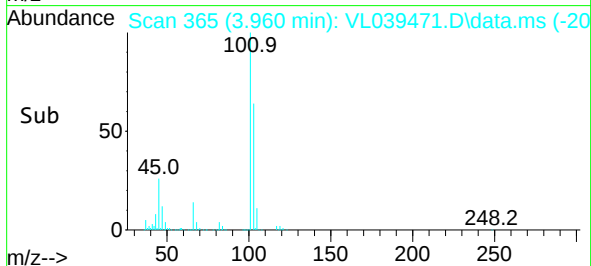
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01



Tgt Ion:101 Resp: 173966
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

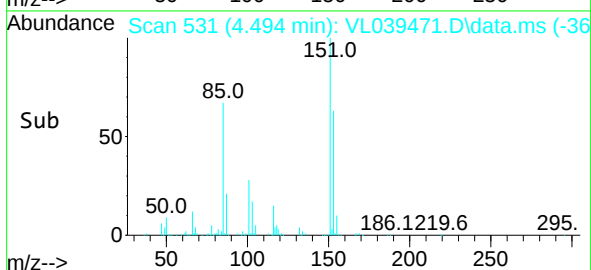
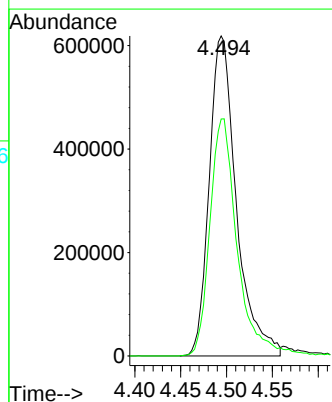
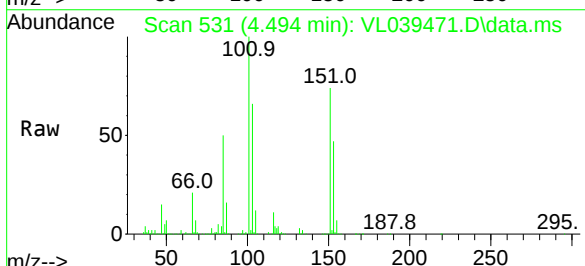
Manual Integrations
 APPROVED

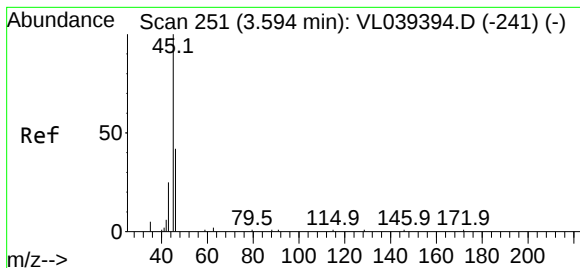
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.495 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

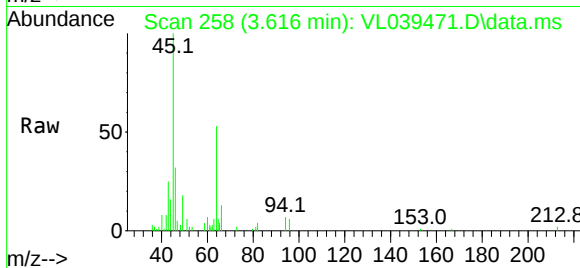
Tgt Ion:101 Resp: 1275553
 Ion Ratio Lower Upper
 101 100
 151 75.3 58.9 88.3





#13
Ethanol
Concen: 5.880 ppbv
RT: 3.616 min Scan# 2449
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

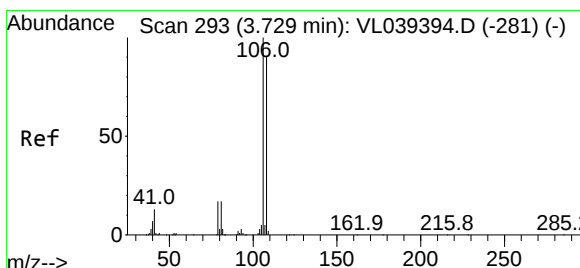
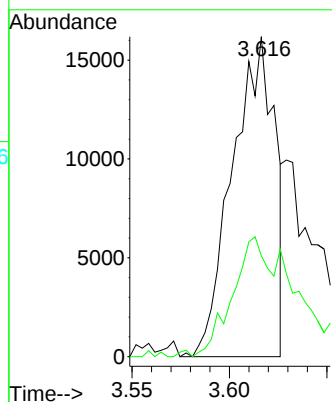
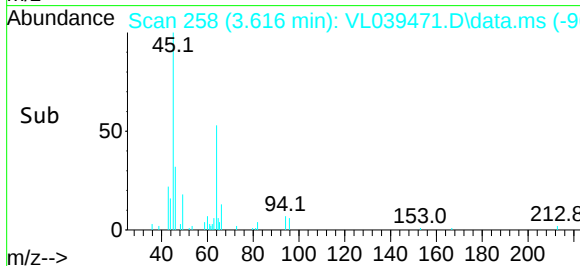
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



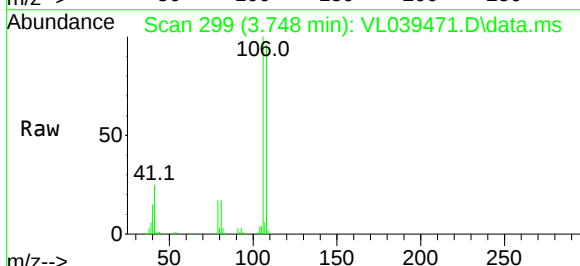
Tgt Ion: 45 Resp: 24490
Ion Ratio Lower Upper
45 100
46 64.8 22.8 91.2

Manual Integrations
APPROVED

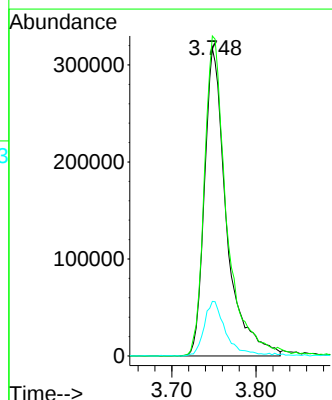
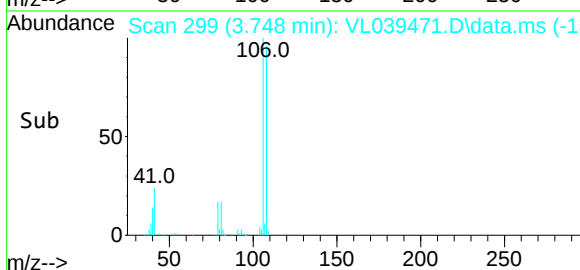
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

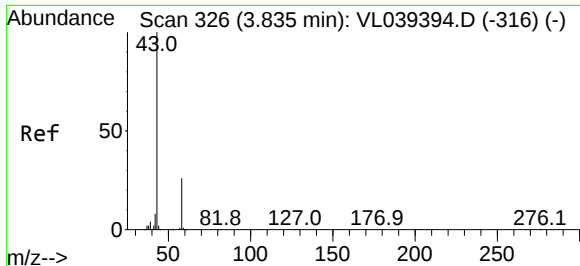


#14
Bromoethene
Concen: 9.141 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



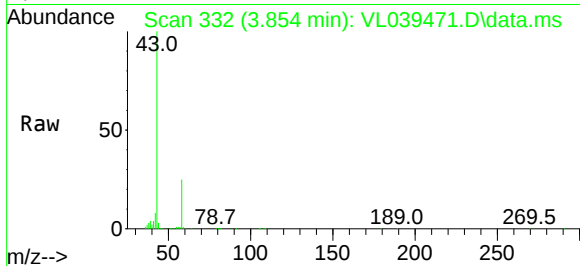
Tgt Ion:108 Resp: 577075
Ion Ratio Lower Upper
108 100
106 107.3 87.1 130.7
79 17.1 14.6 22.0





#15
Acetone
Concen: 8.961 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

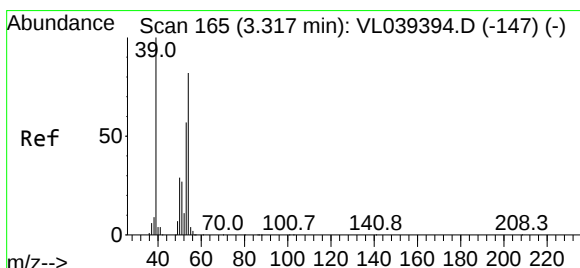
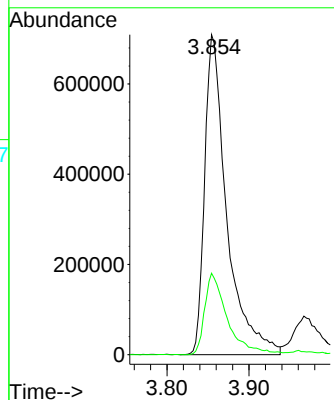
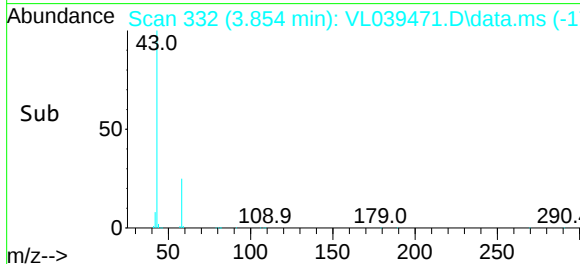
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion: 43 Resp: 1328550
Ion Ratio Lower Upper
43 100
58 26.2 21.0 31.6

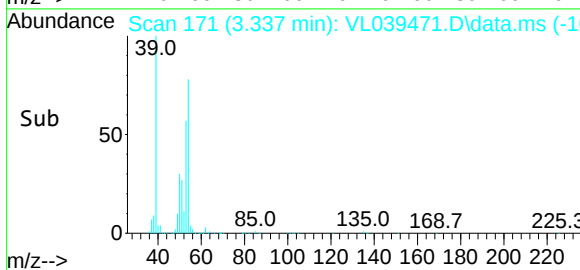
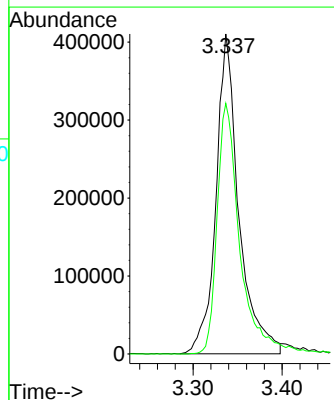
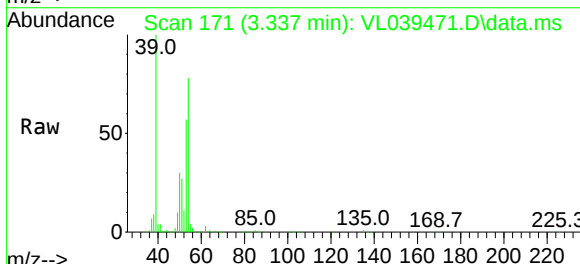
Manual Integrations
APPROVED

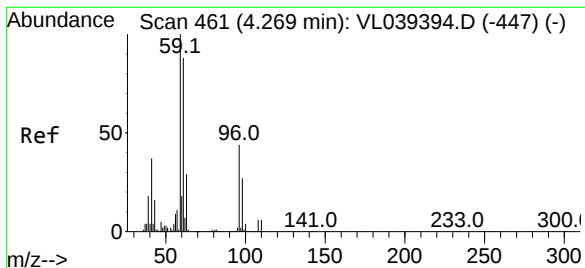
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#16
1,3-Butadiene
Concen: 9.507 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

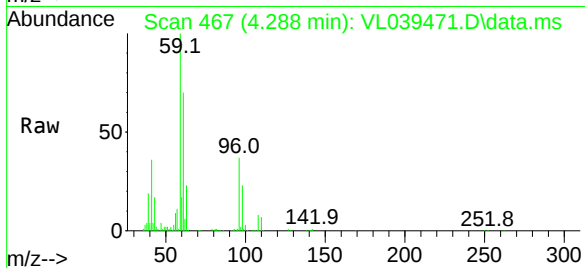
Tgt Ion: 39 Resp: 731395
Ion Ratio Lower Upper
39 100
54 78.8 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.596 ppbv
RT: 4.288 min Scan# 40
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

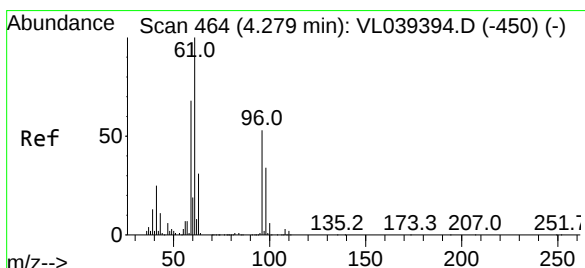
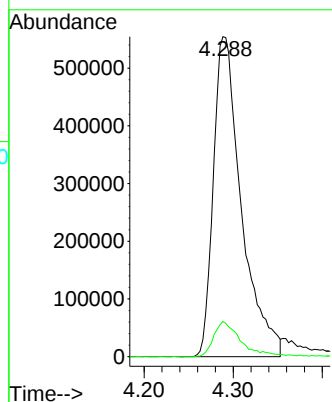
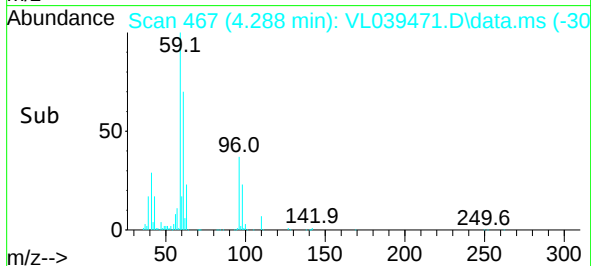
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



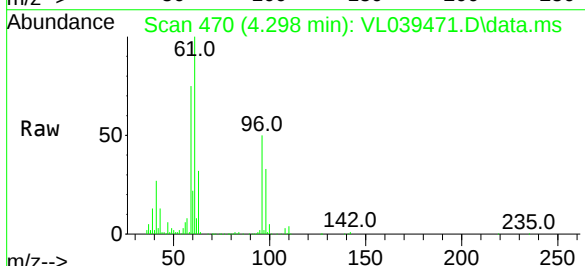
Tgt Ion: 59 Resp: 120756
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1

Manual Integrations
APPROVED

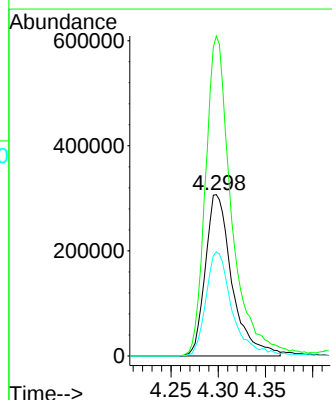
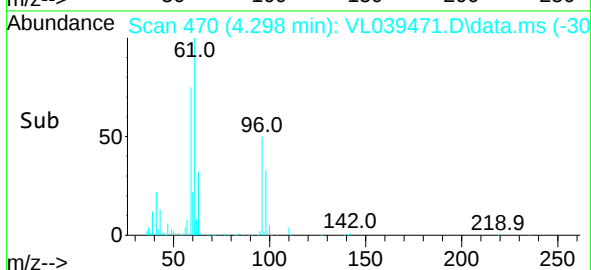
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

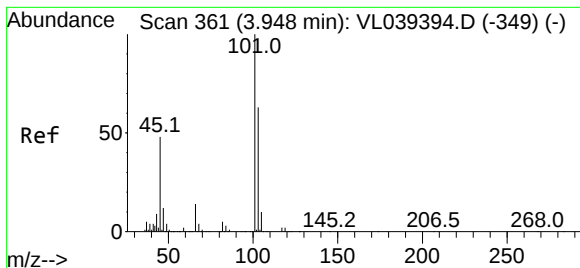


#18
1,1-Dichloroethene
Concen: 8.840 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



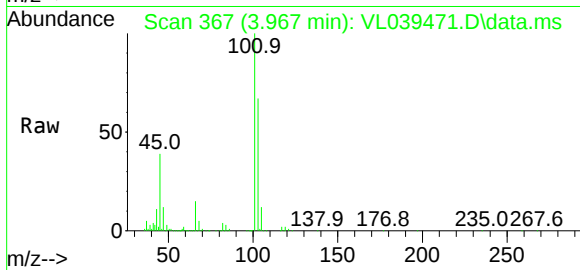
Tgt Ion: 96 Resp: 601387
Ion Ratio Lower Upper
96 100
61 198.3 152.2 228.4
98 64.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 8.311 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

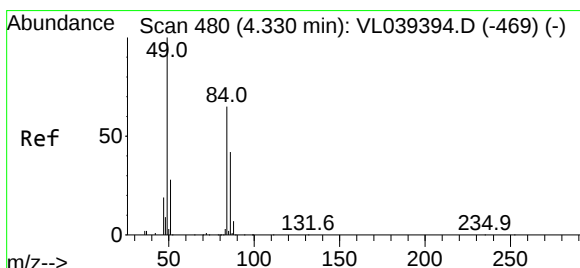
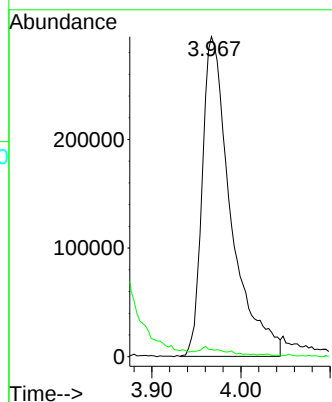
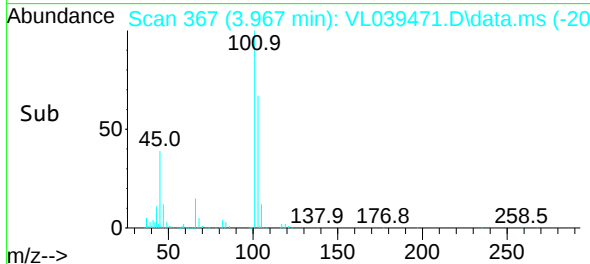
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



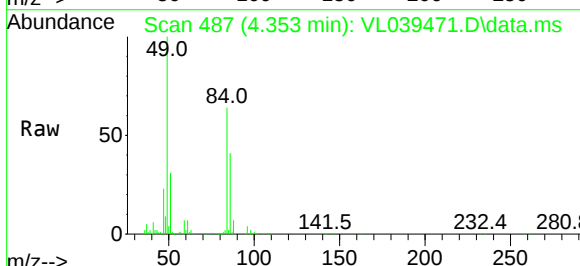
Tgt Ion: 45 Resp: 657230
Ion Ratio Lower Upper
45 100
58 3.0 3.2 4.8

Manual Integrations
APPROVED

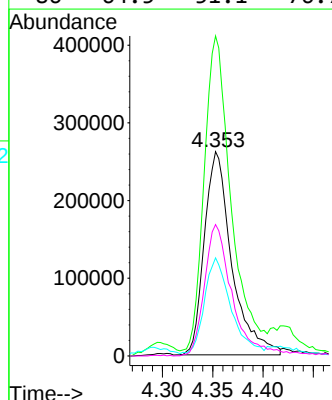
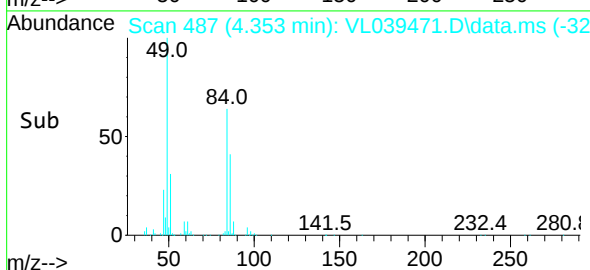
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

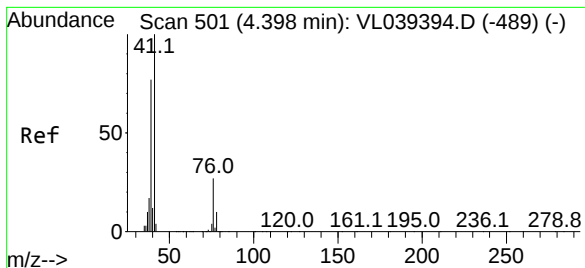


#20
Methylene Chloride
Concen: 8.419 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion: 84 Resp: 497526
Ion Ratio Lower Upper
84 100
49 155.0 123.1 184.7
51 47.0 34.4 51.6
86 64.5 51.1 76.7





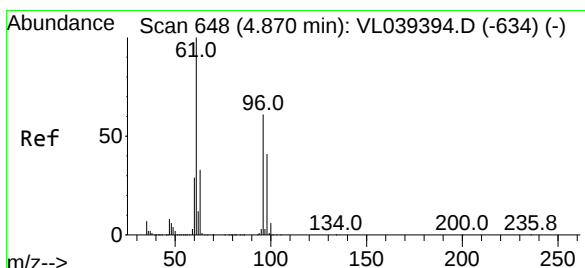
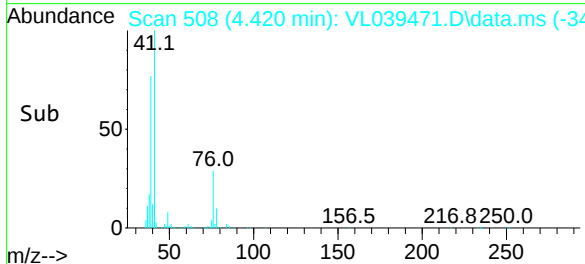
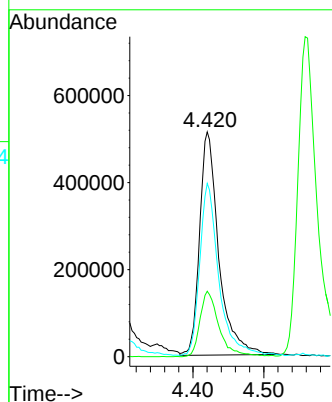
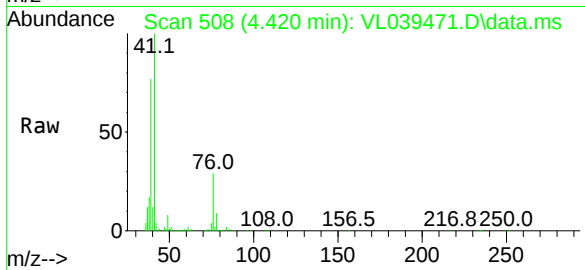
#21
 Allyl Chloride
 Concen: 9.389 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Tgt Ion: 41 Resp: 964184
 Ion Ratio Lower Upper
 41 100
 76 29.2 24.4 36.6
 39 76.8 63.5 95.3

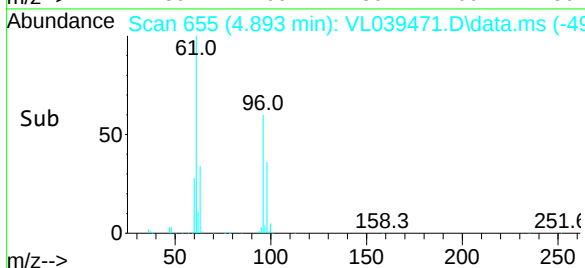
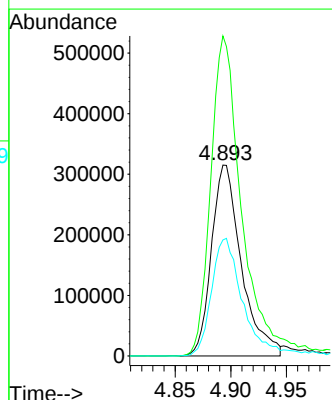
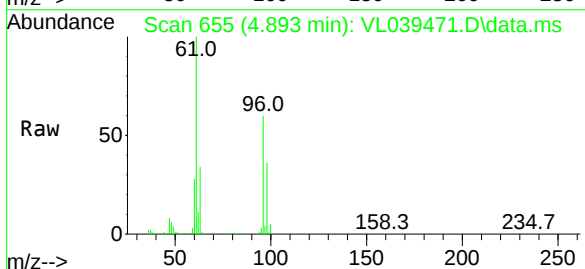
Manual Integrations
 APPROVED

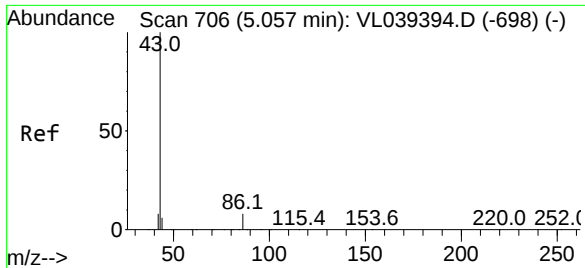
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.955 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Tgt Ion: 96 Resp: 589679
 Ion Ratio Lower Upper
 96 100
 61 167.7 130.6 195.8
 98 60.7 53.4 80.0





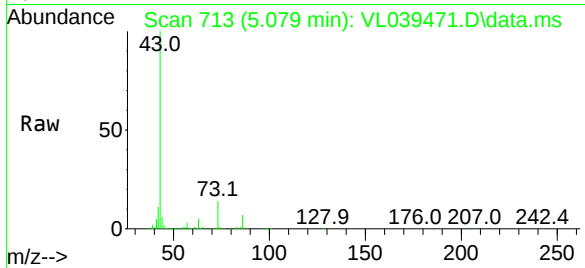
#23
 Vinyl Acetate
 Concen: 11.312 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01



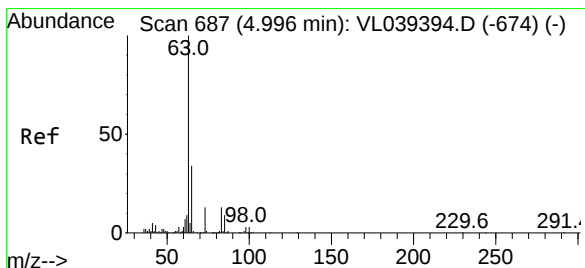
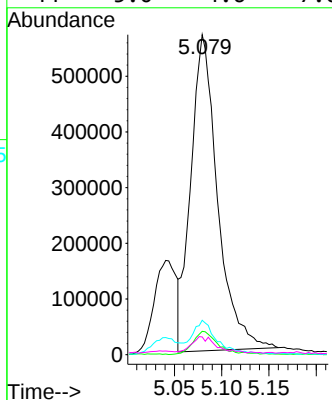
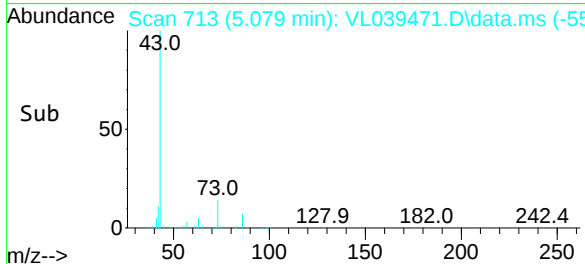
Tgt Ion: 43 Resp: 112086

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.0	7.6
42	10.5	7.7	11.5
44	5.0	4.6	7.0

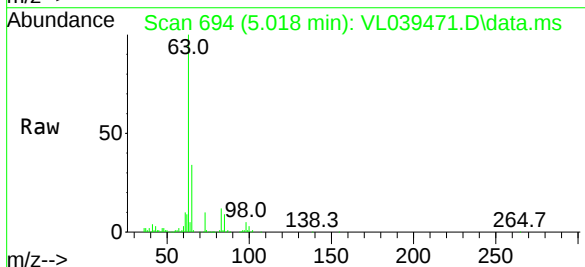
Manual Integrations

APPROVED

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

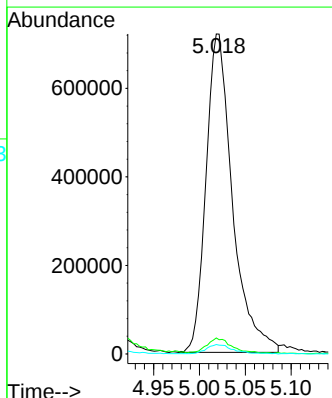
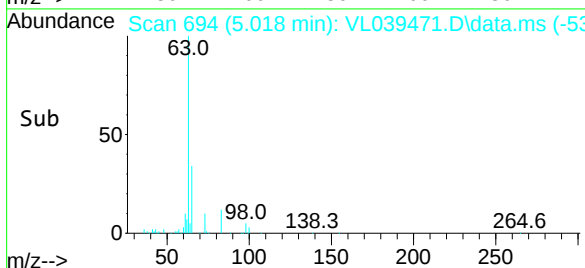


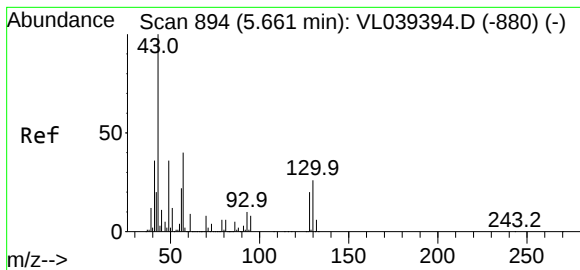
#24
 1,1-Dichloroethane
 Concen: 10.340 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.022 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04



Tgt Ion: 63 Resp: 1446956

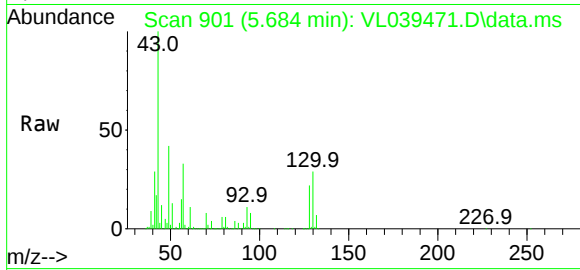
Ion	Ratio	Lower	Upper
63	100		
98	4.6	1.8	5.3
100	2.9	1.5	4.4





#25
Ethyl Acetate
Concen: 9.872 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

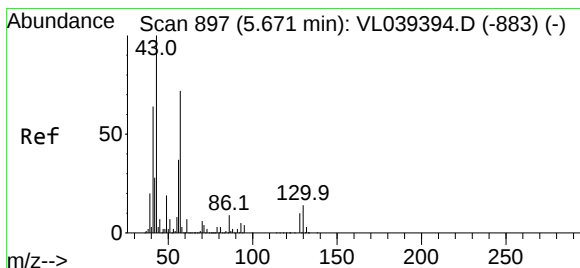
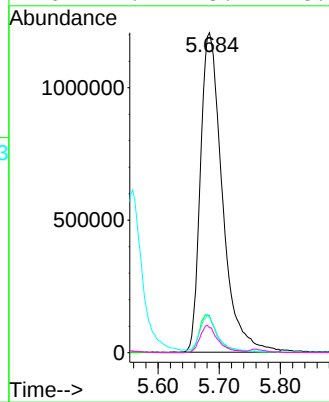
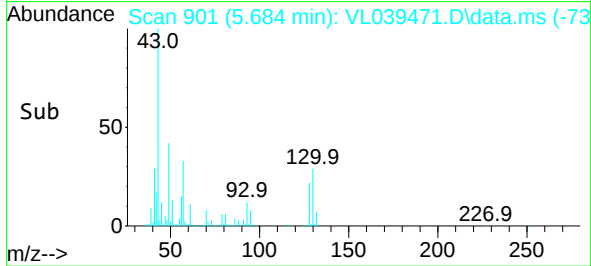
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



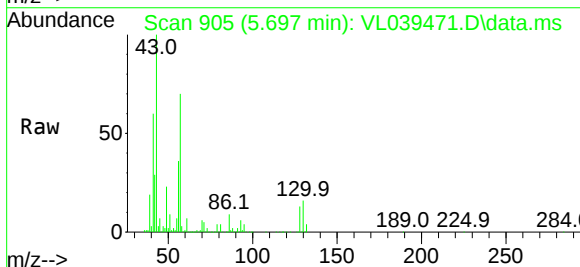
Tgt Ion: 43 Resp: 300112
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.3 8.3 12.5
70 7.1 5.9 8.9

Manual Integrations
APPROVED

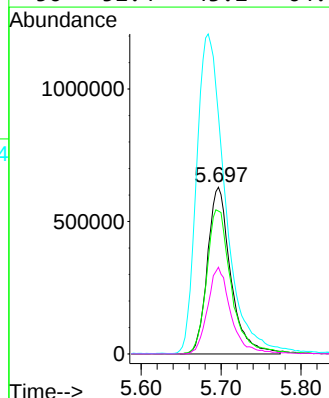
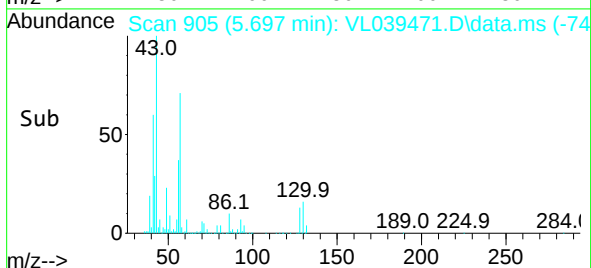
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

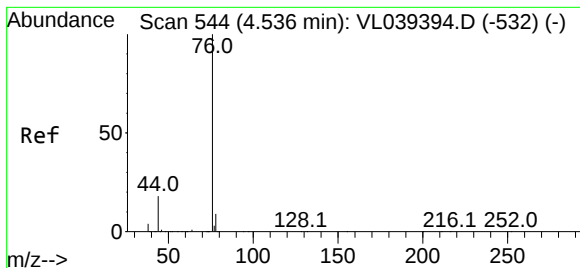


#26
Hexane
Concen: 10.392 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



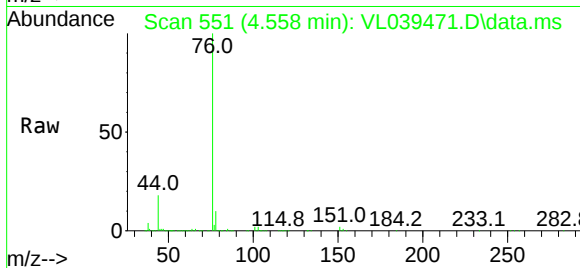
Tgt Ion: 57 Resp: 1273459
Ion Ratio Lower Upper
57 100
41 92.6 76.9 115.3
43 237.1 191.0 286.6
56 52.4 43.2 64.8





#27
Carbon Disulfide
Concen: 9.629 ppbv
RT: 4.558 min Scan# 51
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

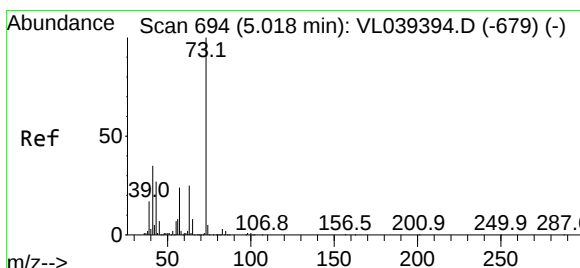
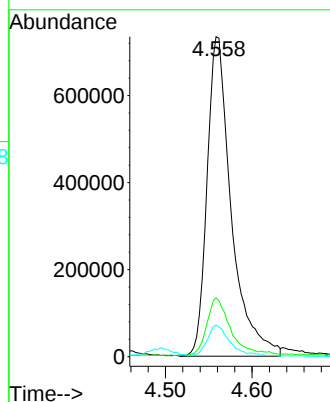
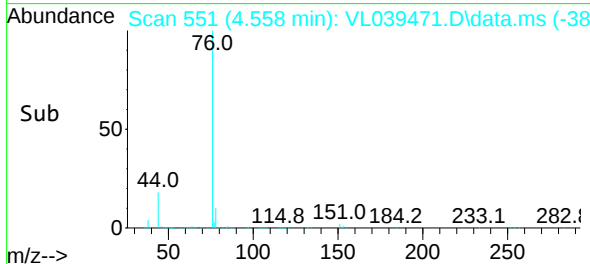
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



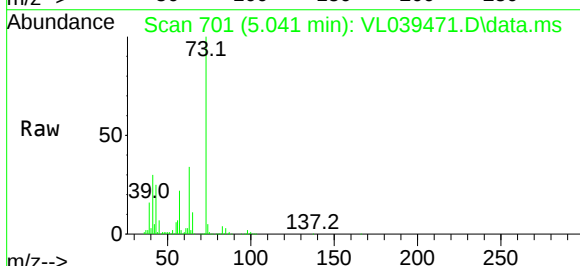
Tgt Ion: 76 Resp: 142429
Ion Ratio Lower Upper
76 100
44 17.9 14.6 21.8
78 9.7 7.8 11.6

Manual Integrations
APPROVED

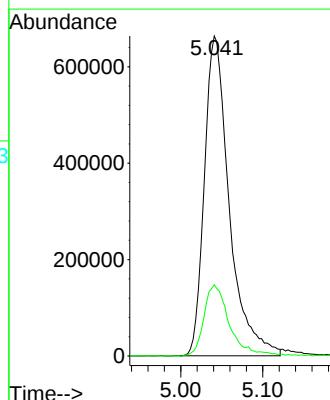
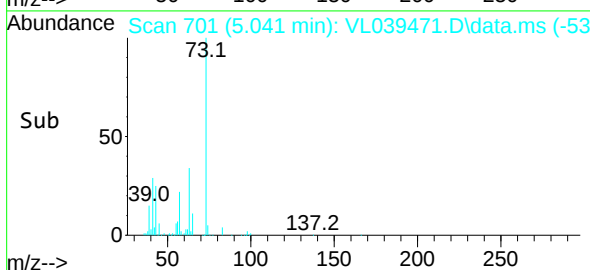
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

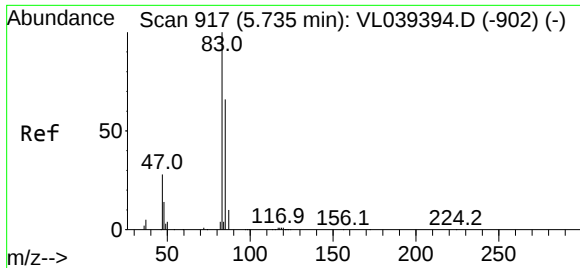


#28
Methyl tert-Butyl Ether
Concen: 10.683 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.022 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion: 73 Resp: 1399665
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.8





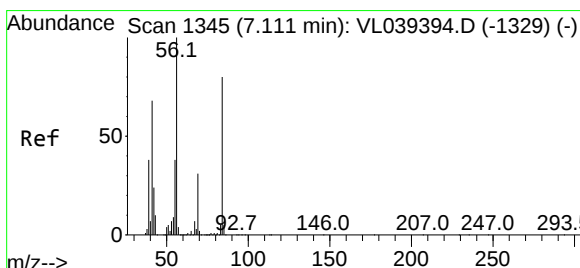
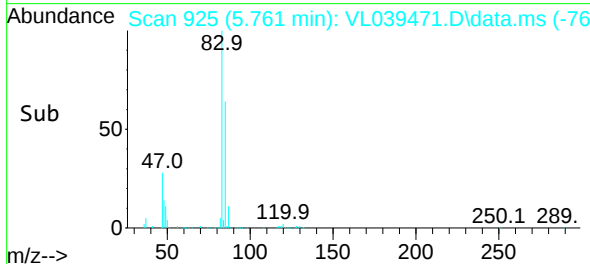
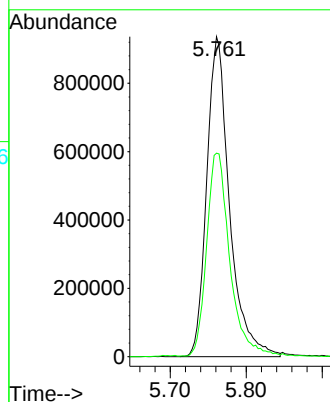
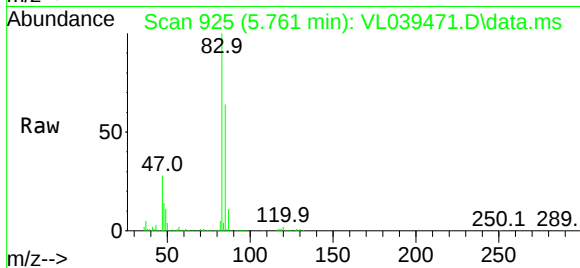
#29
Chloroform
Concen: 9.128 ppbv
RT: 5.761 min Scan# 917
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 83 Resp: 194500
Ion Ratio Lower Upper
83 100
85 63.4 52.8 79.2

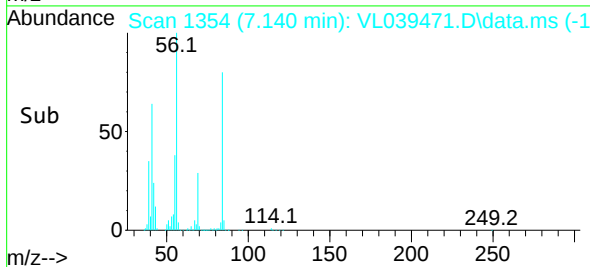
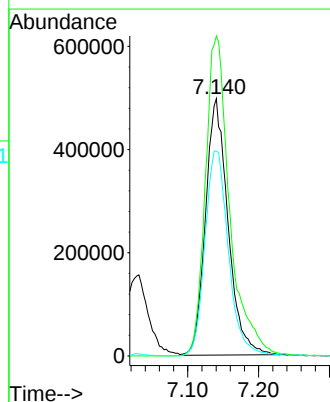
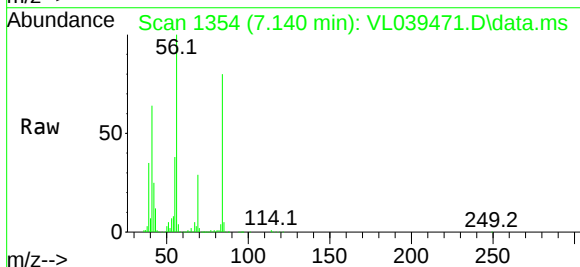
Manual Integrations
APPROVED

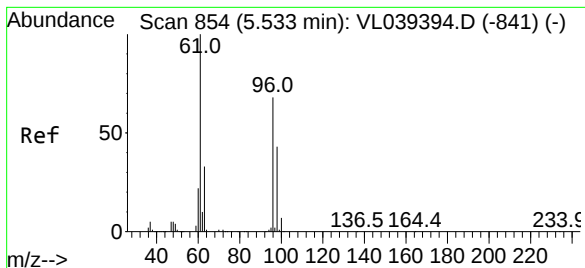
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#30
Cyclohexane
Concen: 9.822 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion: 84 Resp: 1095810
Ion Ratio Lower Upper
84 100
56 135.4 107.7 161.5
41 84.1 67.7 101.5





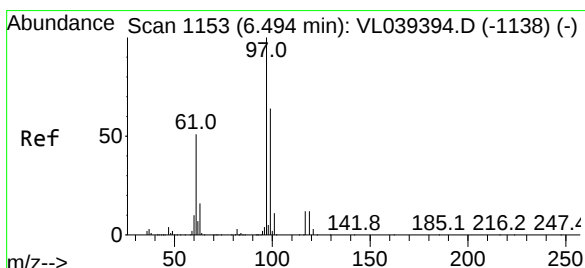
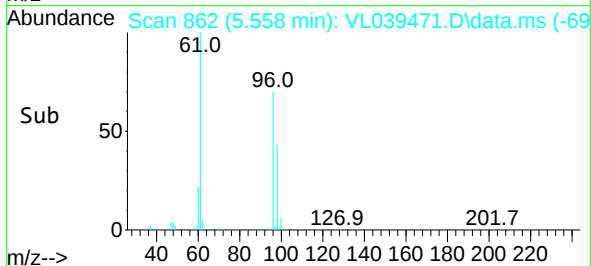
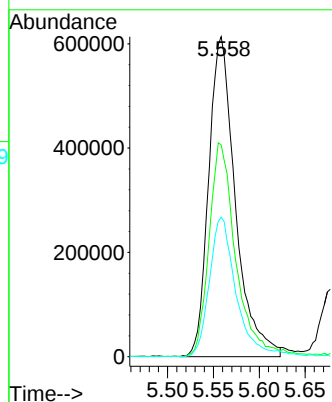
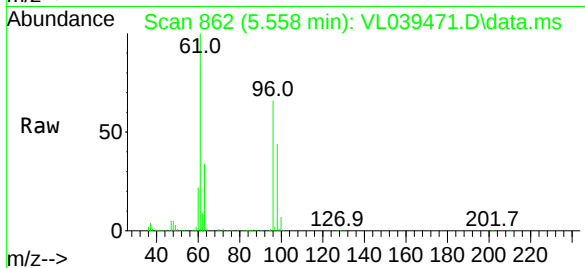
#31
 cis-1,2-Dichloroethene
 Concen: 9.552 ppbv
 RT: 5.558 min Scan# 80
 Delta R.T. 0.026 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01

Tgt Ion: 61 Resp: 1242052
 Ion Ratio Lower Upper
 61 100
 96 66.0 54.1 81.1
 98 43.5 34.6 52.0

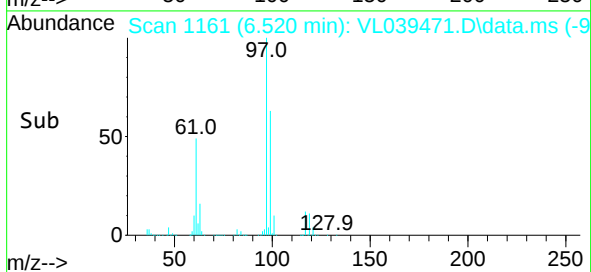
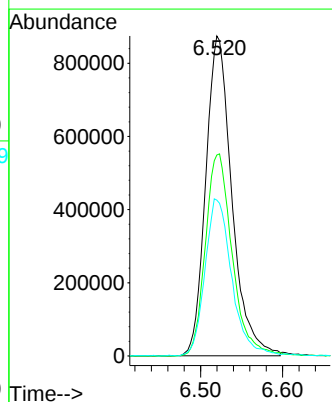
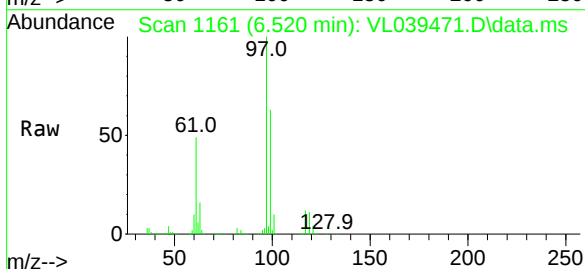
Manual Integrations
 APPROVED

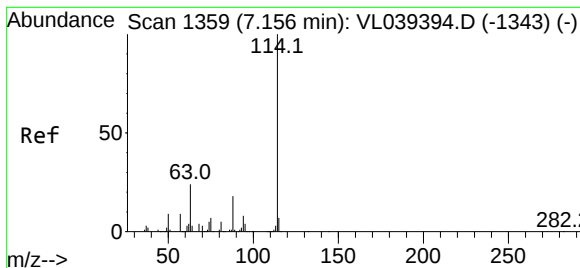
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.208 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.026 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

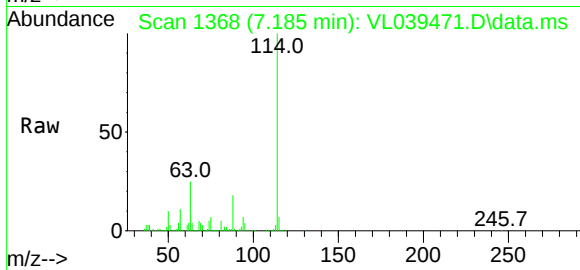
Tgt Ion: 97 Resp: 1936751
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.3 78.5
 61 50.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

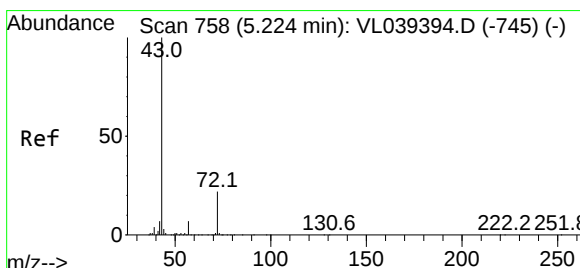
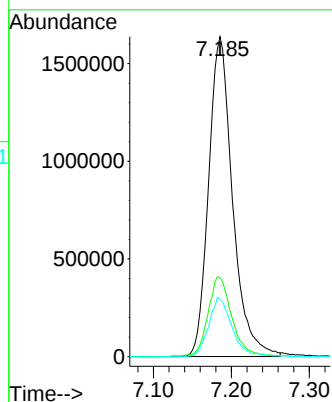
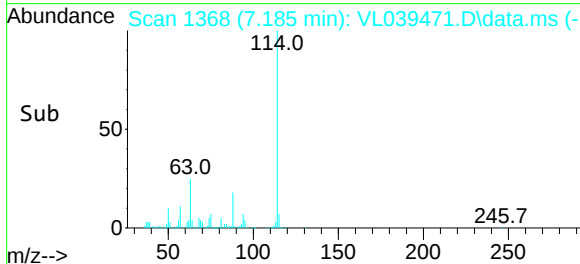
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion:114 Resp: 349556
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.1 14.5 21.7

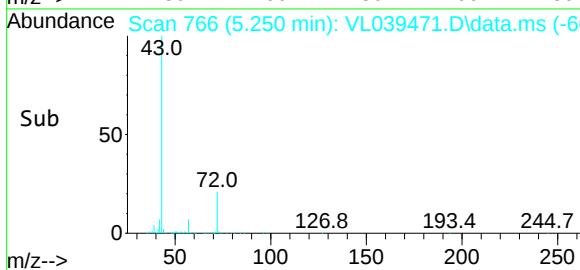
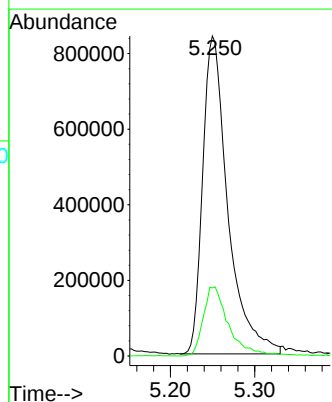
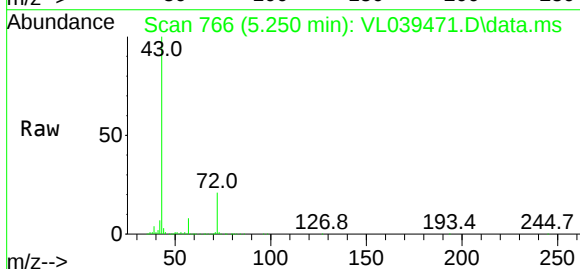
Manual Integrations
APPROVED

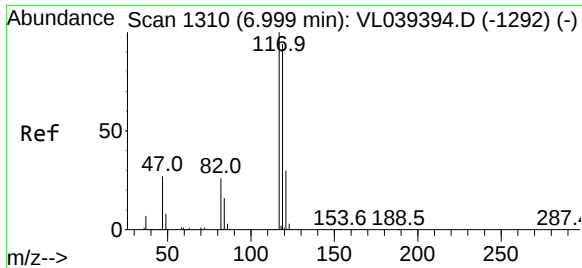
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#34
2-Butanone
Concen: 9.954 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

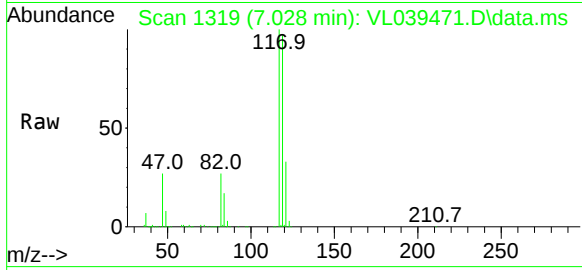
Tgt Ion: 43 Resp: 1751513
Ion Ratio Lower Upper
43 100
72 22.2 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.363 ppbv
RT: 7.028 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

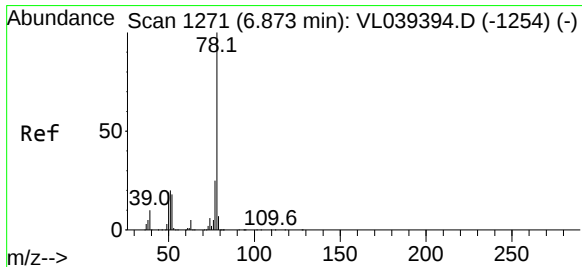
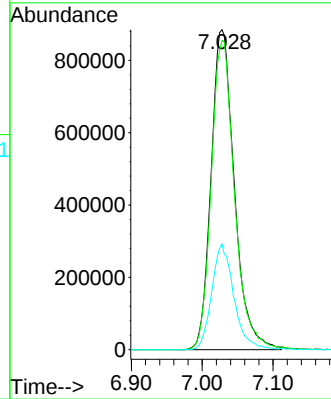
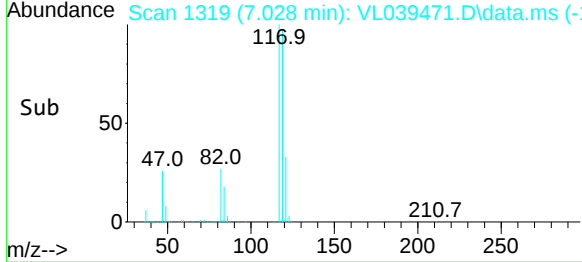
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



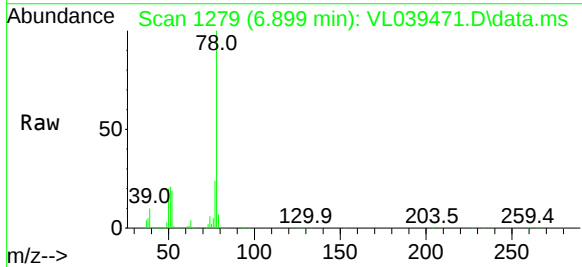
Tgt Ion:117 Resp: 2022315
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.2
121 33.0 24.2 36.2

Manual Integrations
APPROVED

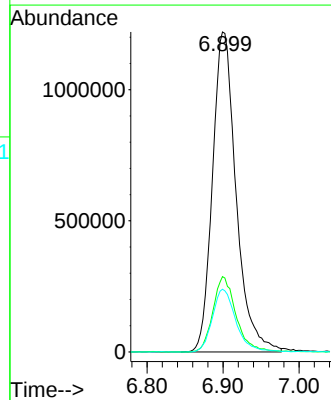
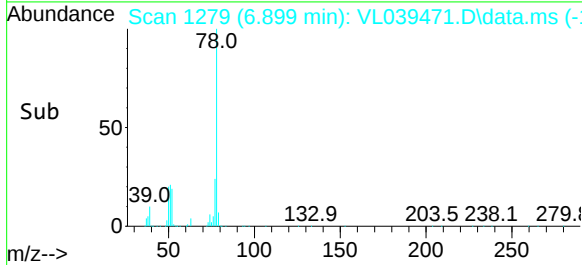
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

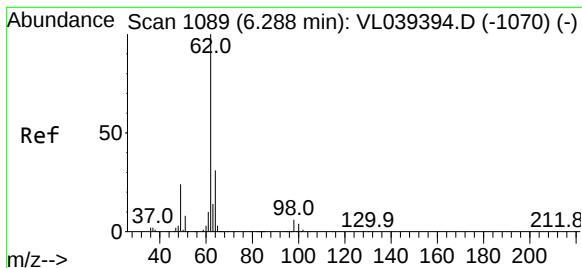


#36
Benzene
Concen: 9.743 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



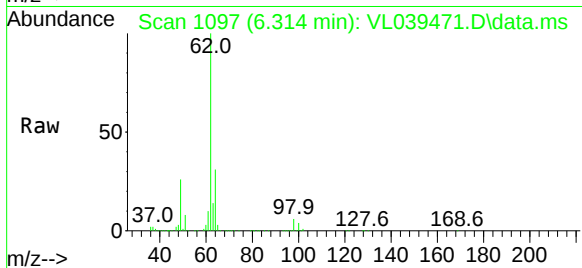
Tgt Ion: 78 Resp: 2635983
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
50 19.6 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.219 ppbv
RT: 6.314 min Scan# 1089
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

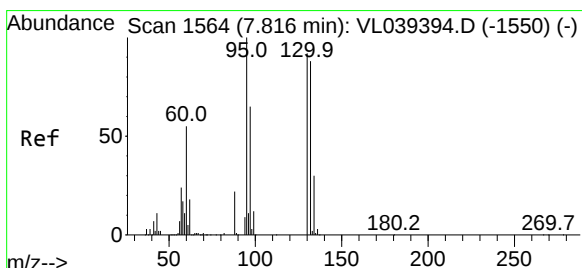
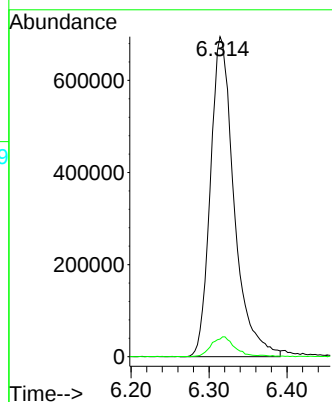
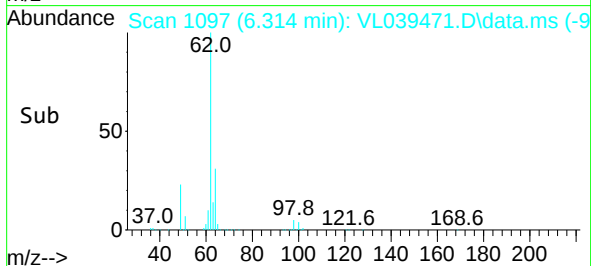
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion: 62 Resp: 147206
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

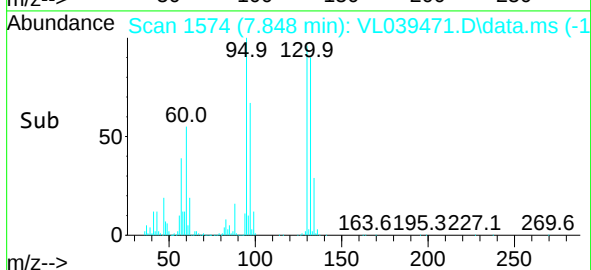
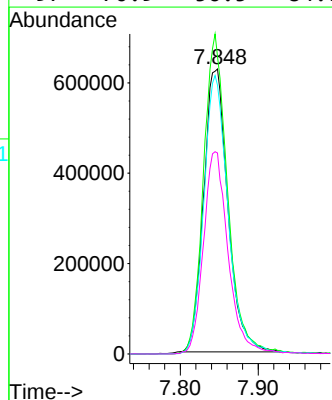
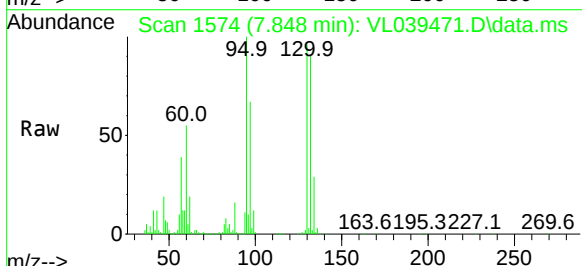
Manual Integrations
APPROVED

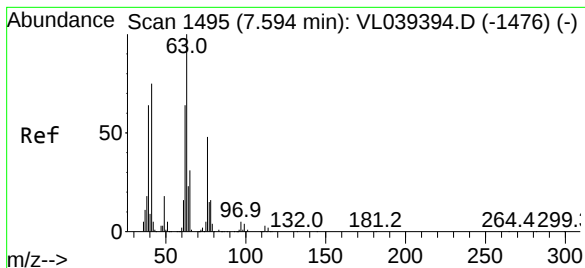
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#38
Trichloroethene
Concen: 9.251 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

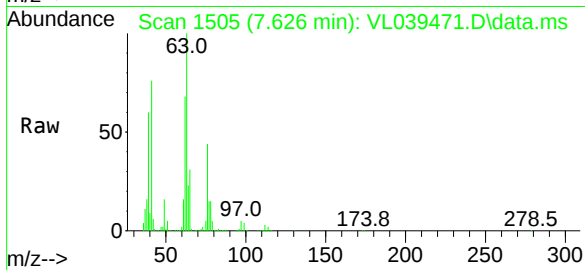
Tgt Ion:130 Resp: 1353651
Ion Ratio Lower Upper
130 100
95 104.9 87.3 130.9
132 95.0 76.7 115.1
97 70.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.684 ppbv
RT: 7.626 min Scan# 11
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

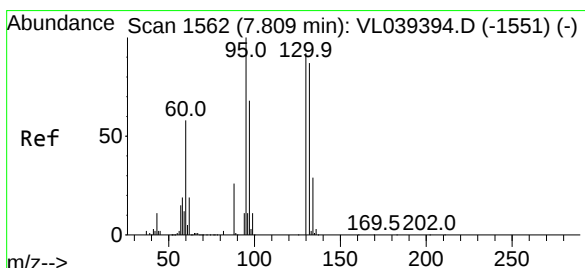
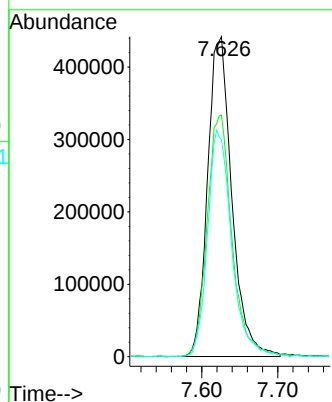
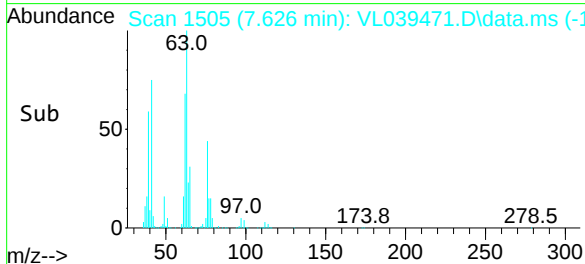
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion: 63 Resp: 97873
Ion Ratio Lower Upper
63 100
41 75.4 59.6 89.4
62 67.8 51.4 77.0

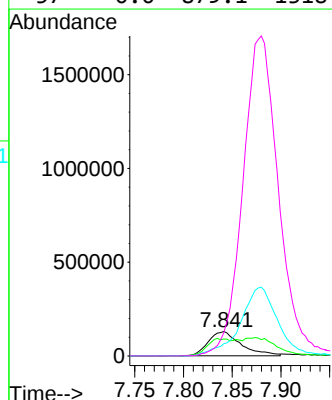
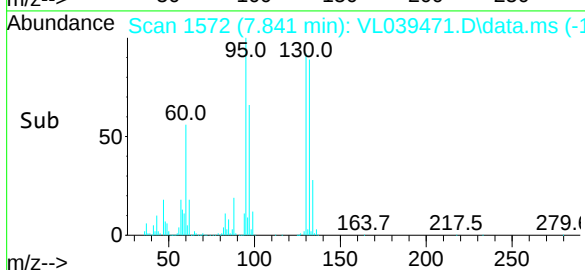
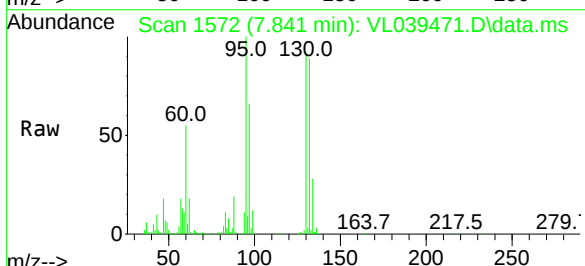
Manual Integrations
APPROVED

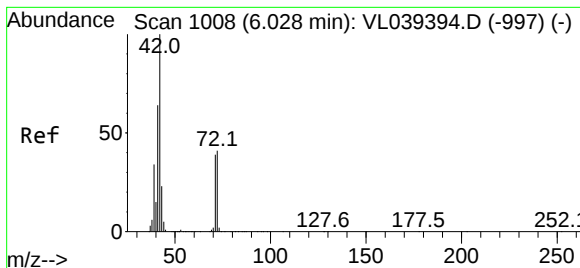
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#40
1,4-Dioxane
Concen: 7.587 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

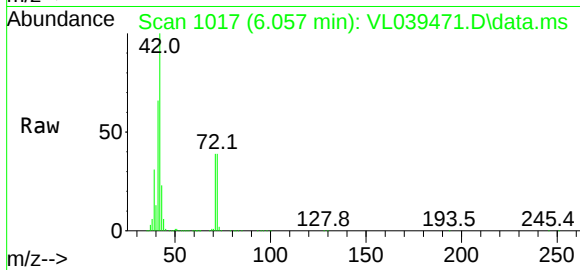
Tgt Ion: 88 Resp: 305580
Ion Ratio Lower Upper
88 100
58 69.3 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.382 ppbv
RT: 6.057 min Scan# 105866
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

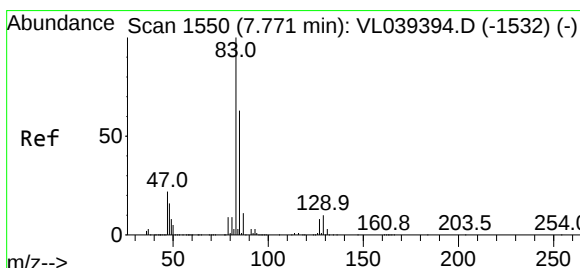
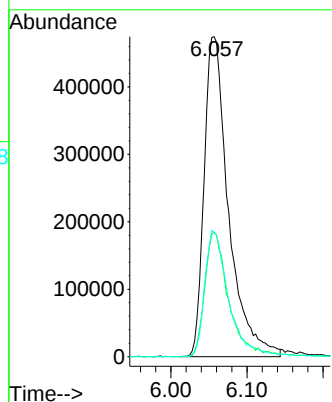
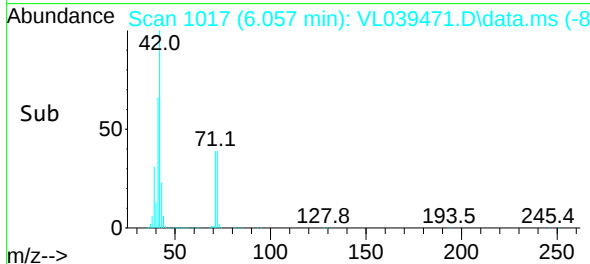
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



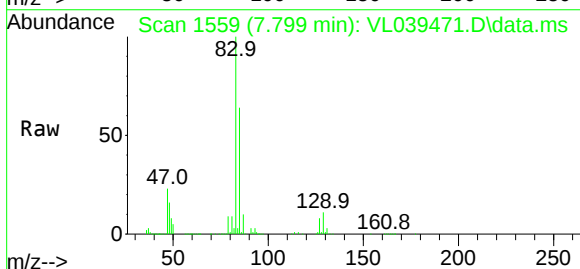
Tgt Ion: 42 Resp: 105866
Ion Ratio Lower Upper
42 100
72 38.7 31.8 47.8
71 39.0 31.8 47.8

Manual Integrations
APPROVED

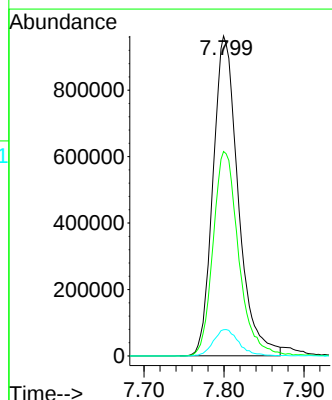
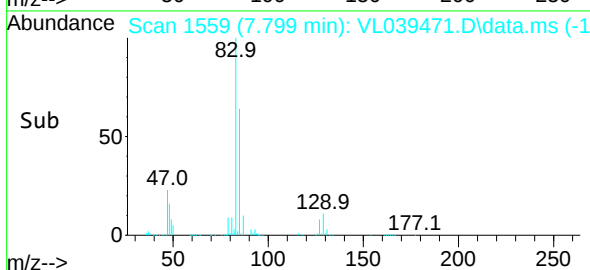
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

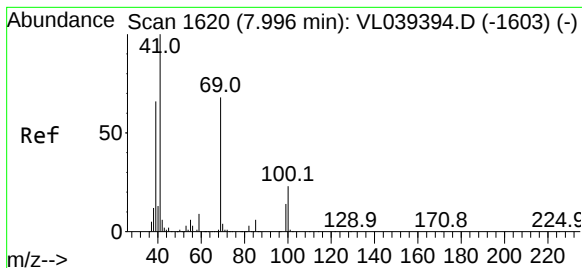


#42
Bromodichloromethane
Concen: 9.793 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion: 83 Resp: 2108430
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1
127 8.2 6.6 9.8





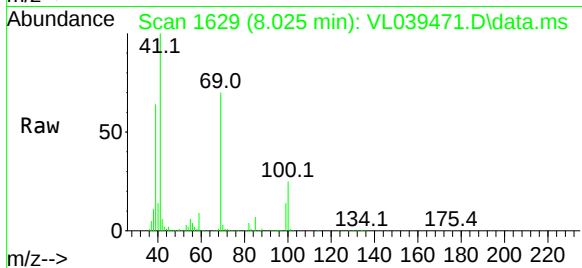
#43
Methyl Methacrylate
Concen: 10.494 ppbv
RT: 8.025 min Scan# 1079500
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

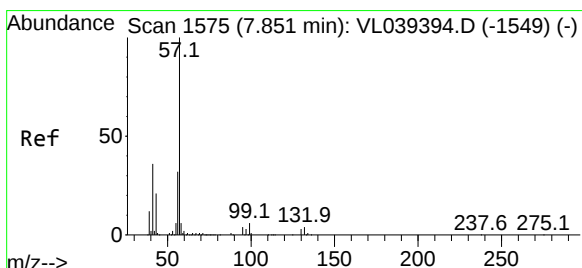
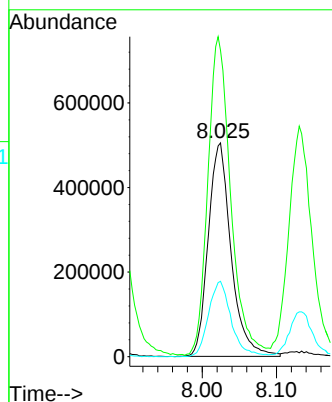
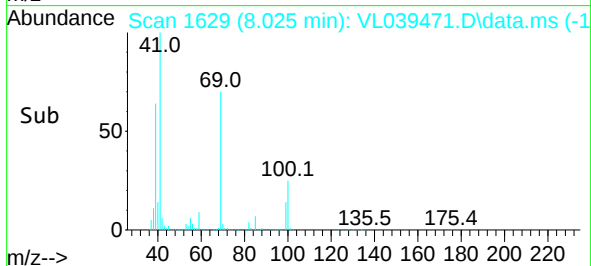


Tgt Ion: 69 Resp: 1079500
Ion Ratio Lower Upper
69 100
41 149.6 120.8 181.2
100 35.3 27.8 41.6

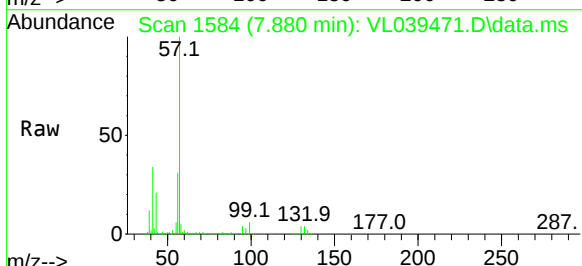
Manual Integrations

APPROVED

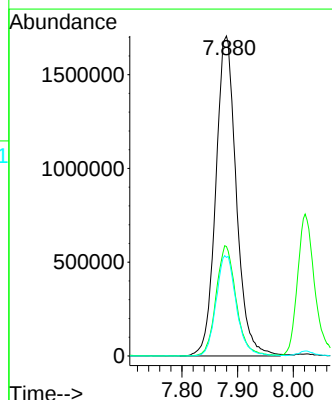
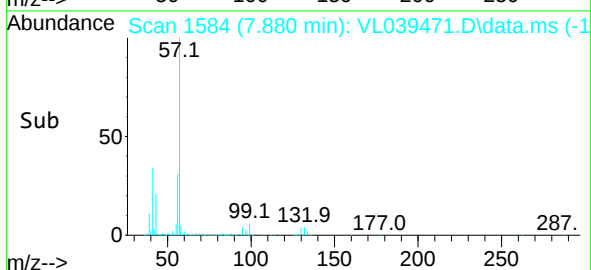
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

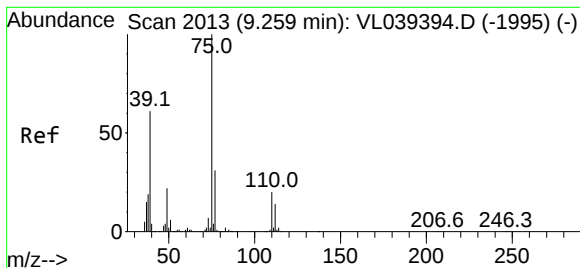


#44
2,2,4-Trimethylpentane
Concen: 9.515 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion: 57 Resp: 4362258
Ion Ratio Lower Upper
57 100
41 33.4 27.4 41.2
56 31.0 24.5 36.7





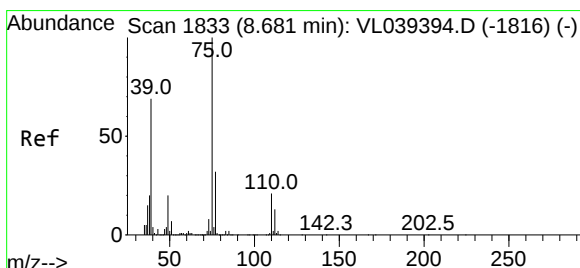
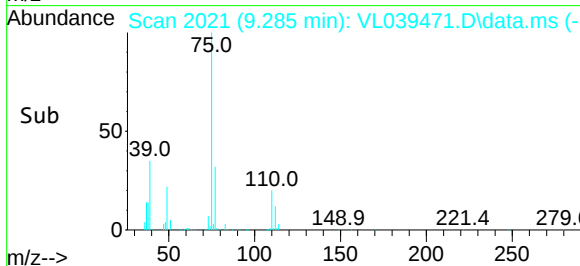
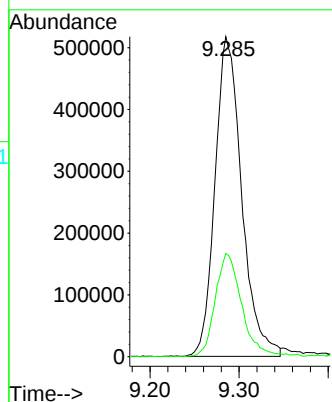
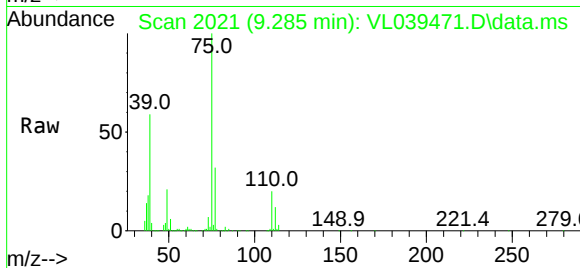
#45
t-1,3-Dichloropropene
Concen: 11.742 ppbv
RT: 9.285 min Scan# 2013
Delta R.T. 0.026 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 75 Resp: 1075450
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8

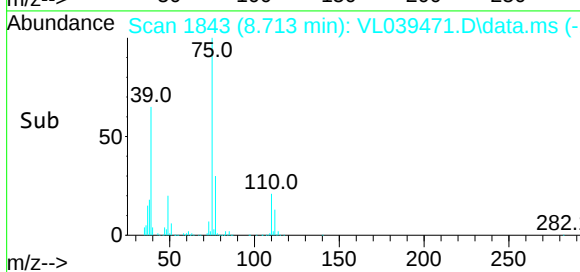
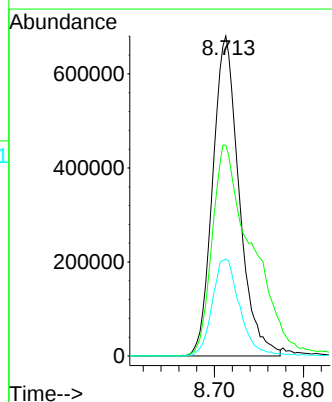
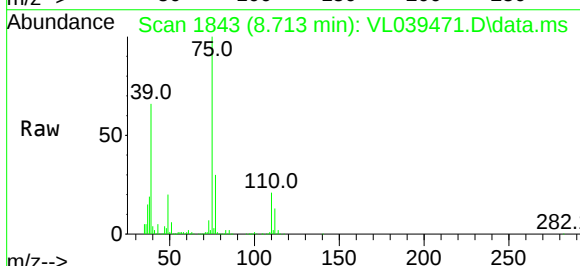
Manual Integrations
APPROVED

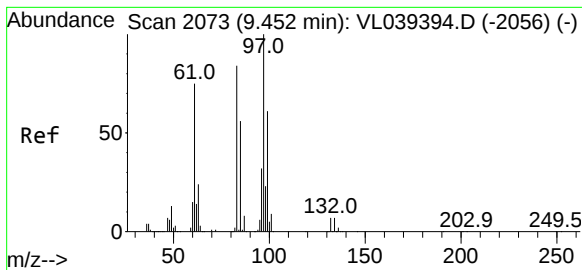
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#46
cis-1,3-Dichloropropene
Concen: 11.125 ppbv
RT: 8.713 min Scan# 1843
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

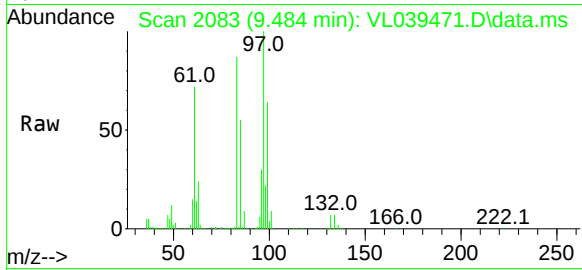
Tgt Ion: 75 Resp: 1402515
Ion Ratio Lower Upper
75 100
39 65.8 55.0 82.4
77 30.3 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.640 ppbv
RT: 9.484 min Scan# 2073
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

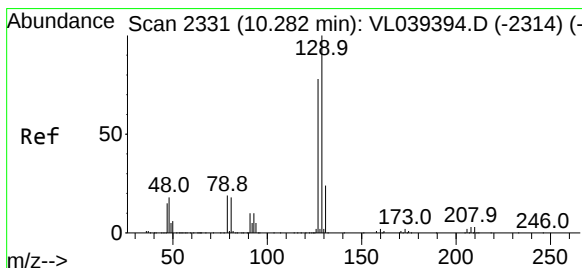
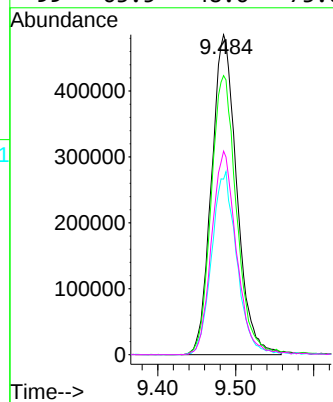
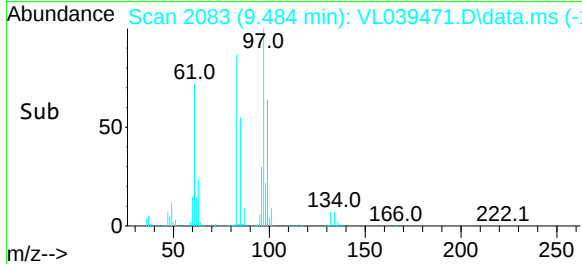
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



Tgt Ion: 97 Resp: 1093228
Ion Ratio Lower Upper
97 100
83 87.1 67.4 101.0
85 54.9 45.1 67.7
99 63.5 48.6 73.0

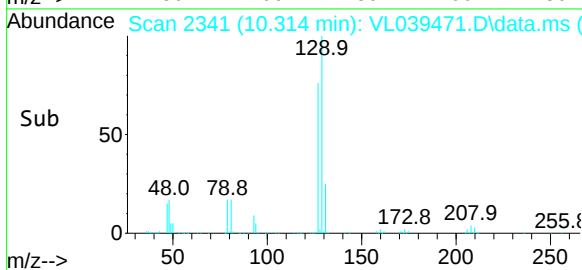
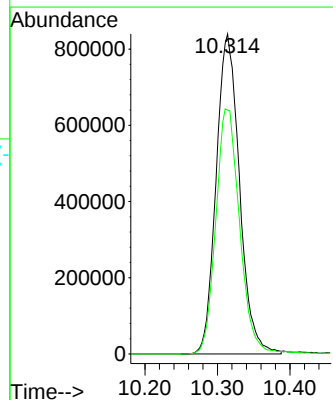
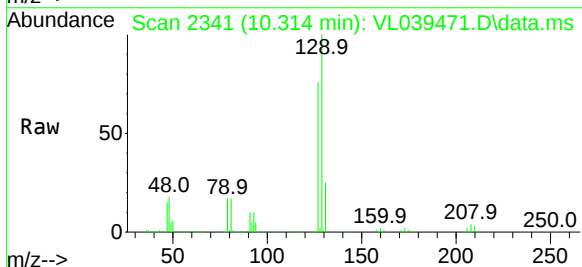
Manual Integrations
APPROVED

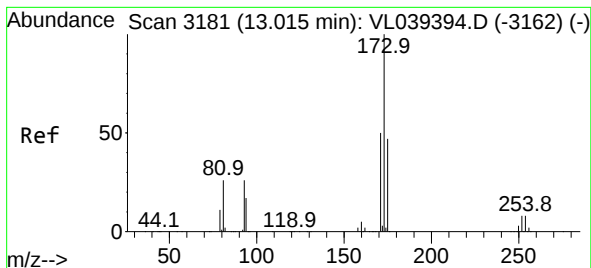
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#48
Dibromochloromethane
Concen: 10.401 ppbv
RT: 10.314 min Scan# 2341
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion:129 Resp: 1874701
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#49

Bromoform

Concen: 11.046 ppbv

RT: 13.050 min Scan# 3181

Delta R.T. 0.035 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion:173 Resp: 160613

Ion Ratio Lower Upper

173 100

175 49.2 40.3 60.5

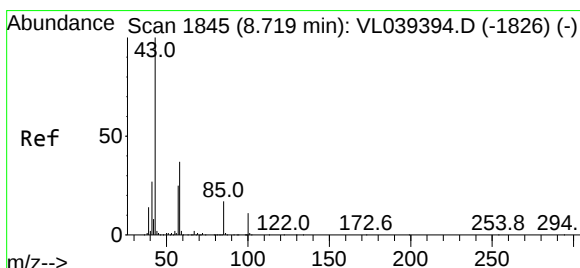
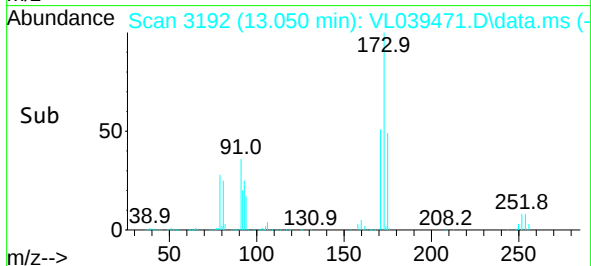
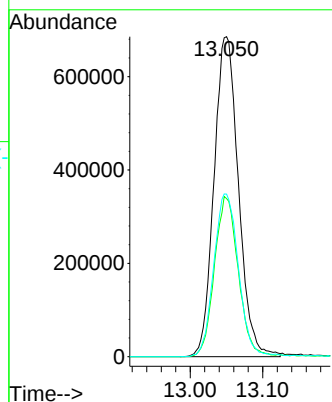
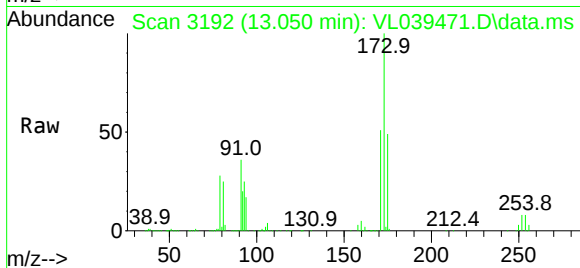
171 52.1 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#50

4-Methyl-2-Pentanone

Concen: 10.457 ppbv

RT: 8.745 min Scan# 1853

Delta R.T. 0.026 min

Lab File: VL039471.D

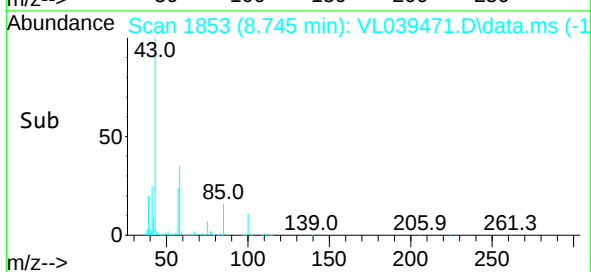
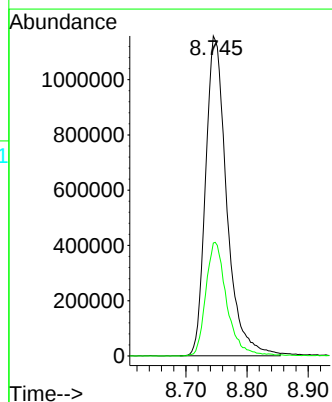
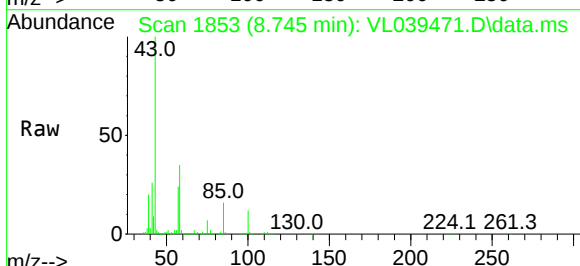
Acq: 13 Jul 2022 19:04

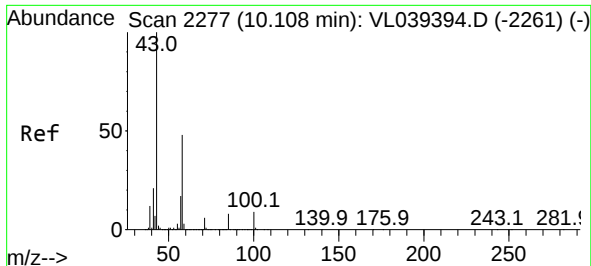
Tgt Ion: 43 Resp: 2782160

Ion Ratio Lower Upper

43 100

58 35.6 28.8 43.2





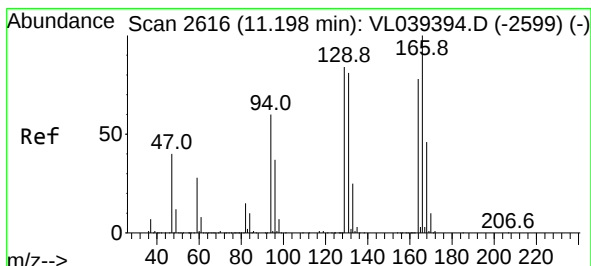
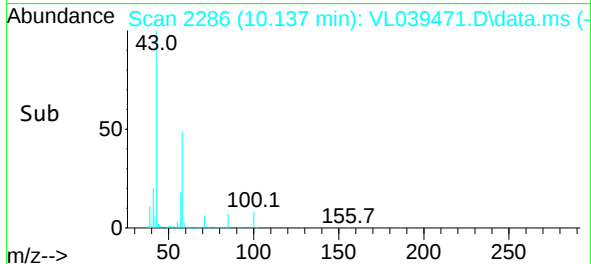
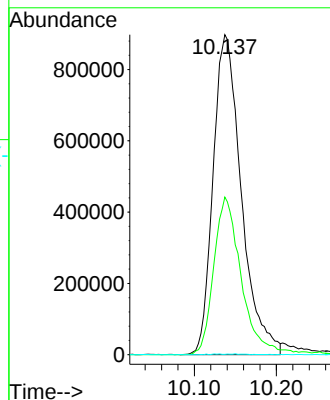
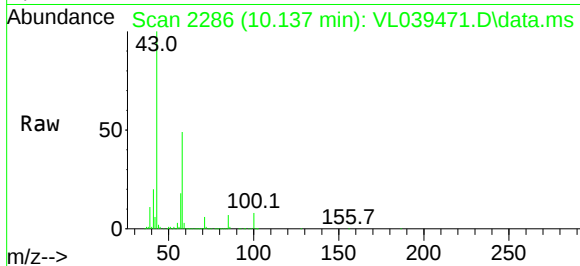
#51
2-Hexanone
Concen: 10.675 ppbv
RT: 10.137 min Scan# 214841
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 43 Resp: 214841
Ion Ratio Lower Upper
43 100
58 49.0 38.4 57.6
98 0.2 0.3 0.5

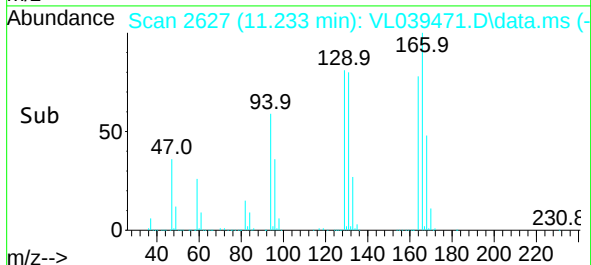
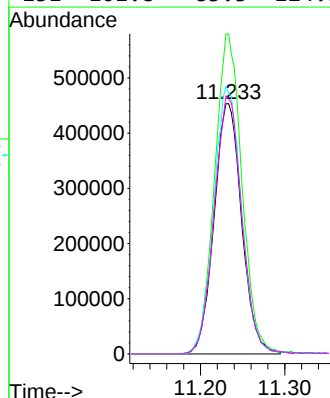
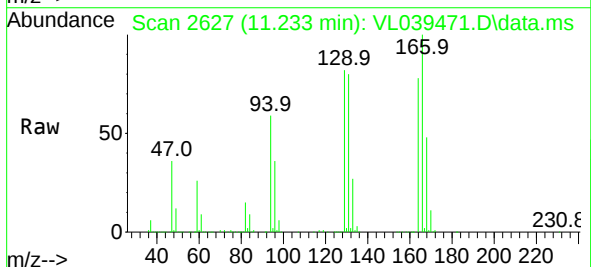
Manual Integrations
APPROVED

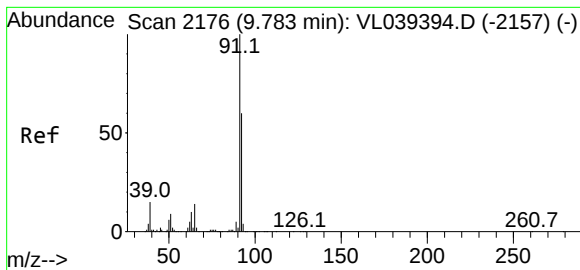
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#52
Tetrachloroethene
Concen: 9.438 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion:164 Resp: 1027855
Ion Ratio Lower Upper
164 100
166 127.7 102.2 153.2
129 104.1 85.8 128.8
131 101.8 83.3 124.9





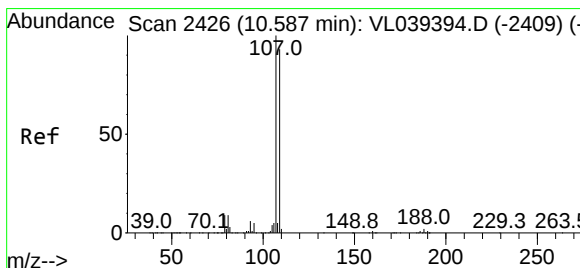
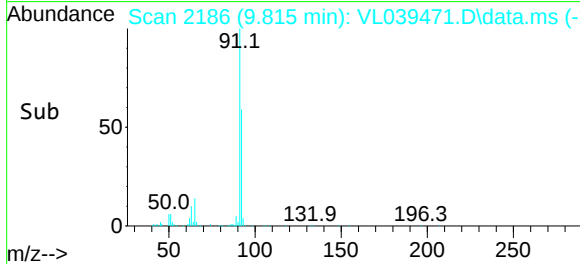
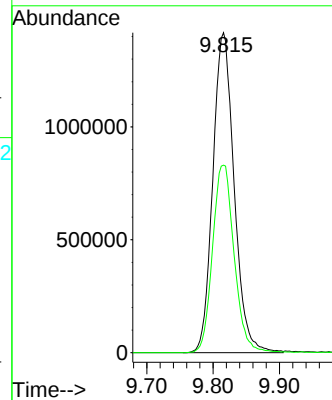
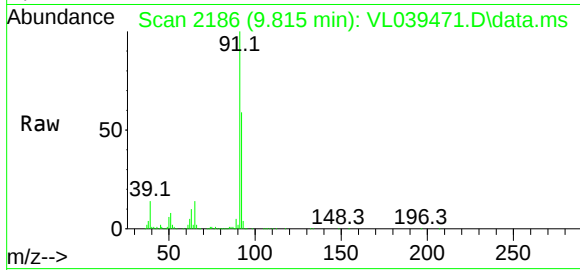
#53
Toluene
Concen: 10.146 ppbv
RT: 9.815 min Scan# 2176
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 91 Resp: 316631
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

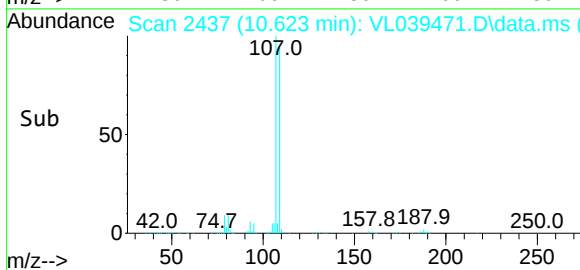
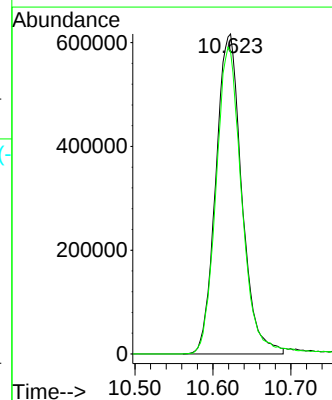
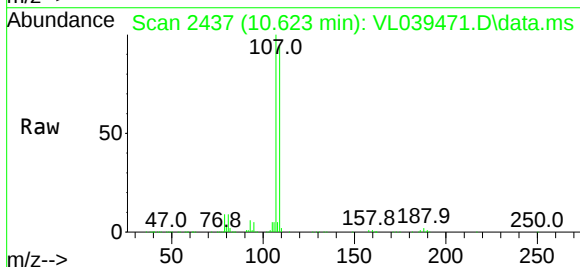
Manual Integrations
APPROVED

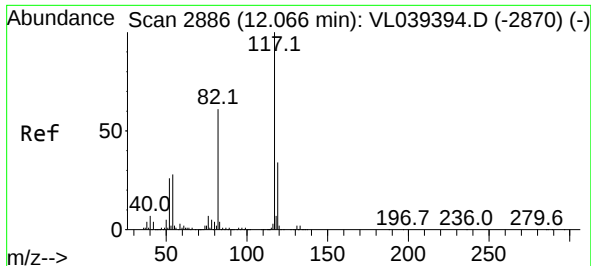
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#54
1,2-Dibromoethane
Concen: 10.111 ppbv
RT: 10.623 min Scan# 2437
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

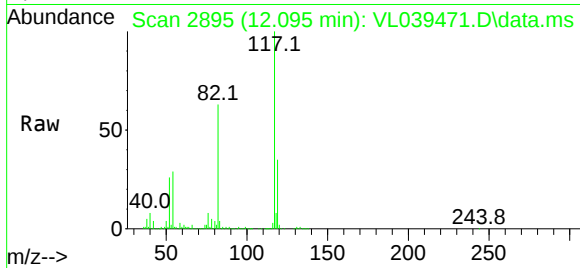
Tgt Ion:107 Resp: 1426796
Ion Ratio Lower Upper
107 100
109 94.4 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.095 min Scan# 2886
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

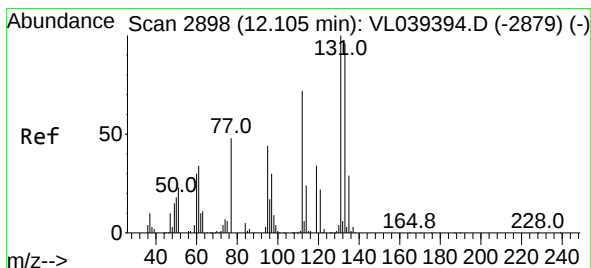
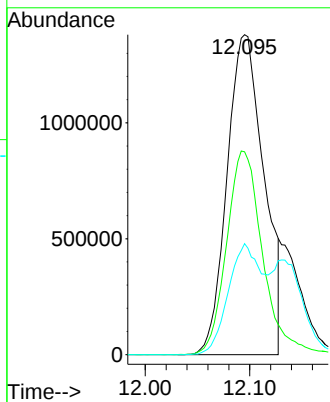
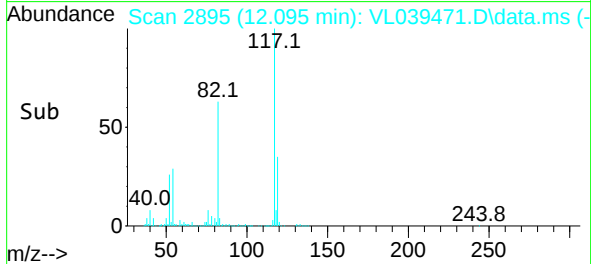
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



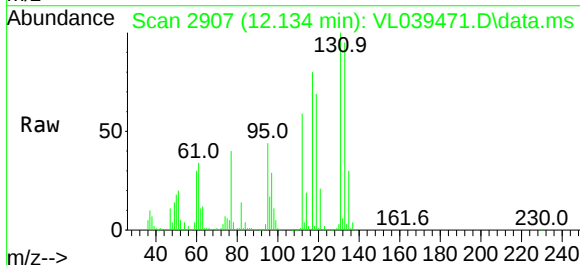
Tgt Ion:117 Resp: 3385788
Ion Ratio Lower Upper
117 100
82 63.4 50.8 76.2
119 30.2 24.1 36.1

Manual Integrations
APPROVED

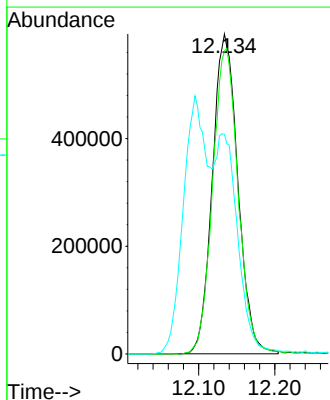
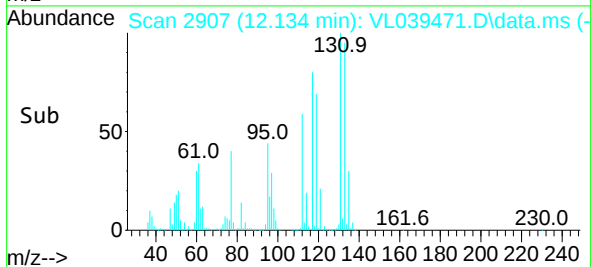
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

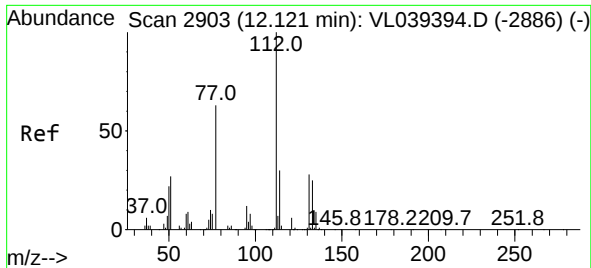


#56
1,1,1,2-Tetrachloroethane
Concen: 9.211 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion:131 Resp: 1377772
Ion Ratio Lower Upper
131 100
133 96.6 76.8 115.2
119 66.0 46.2 69.4





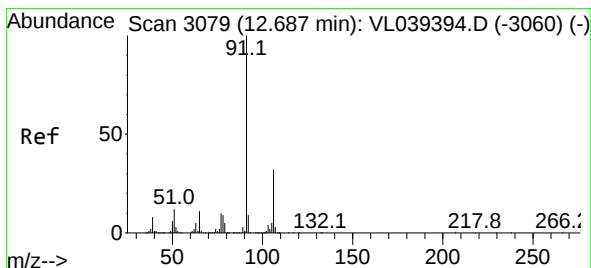
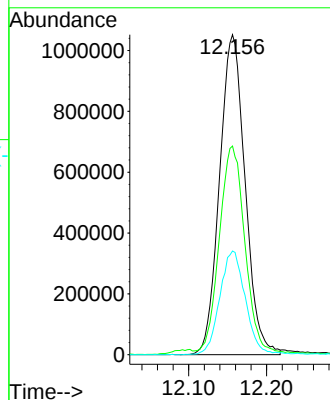
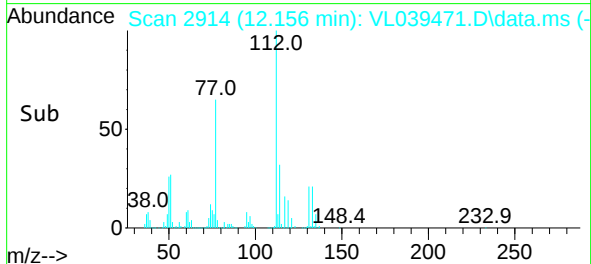
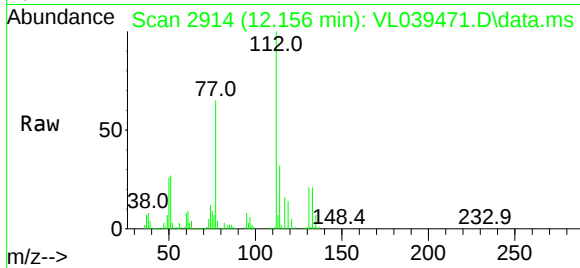
#57
Chlorobenzene
Concen: 9.133 ppbv
RT: 12.156 min Scan# 2914
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion:112 Resp: 239748
Ion Ratio Lower Upper
112 100
77 64.2 51.0 76.4
114 32.4 27.5 33.6

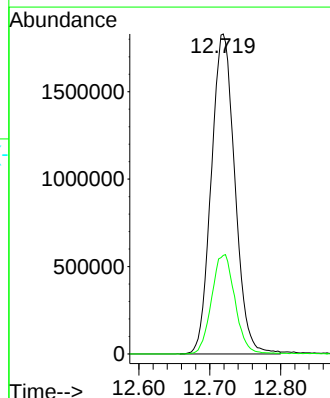
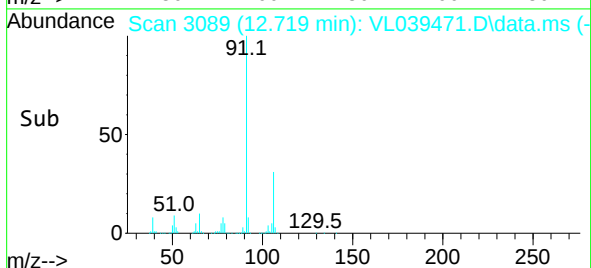
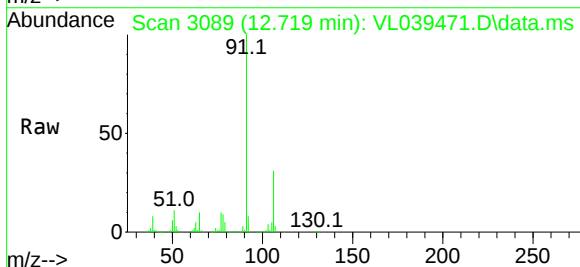
Manual Integrations
APPROVED

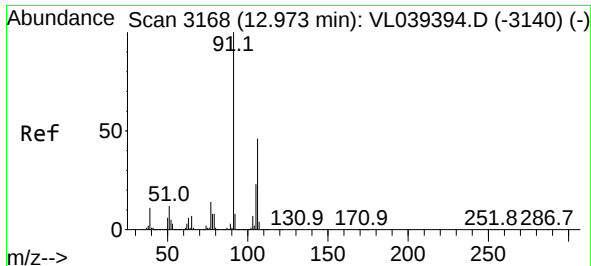
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#58
Ethyl Benzene
Concen: 9.677 ppbv
RT: 12.719 min Scan# 3089
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion: 91 Resp: 4230764
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0





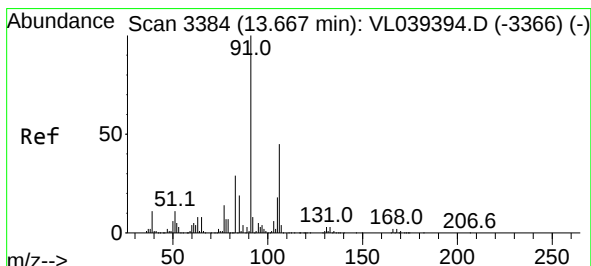
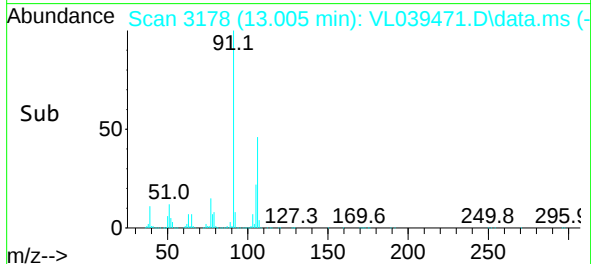
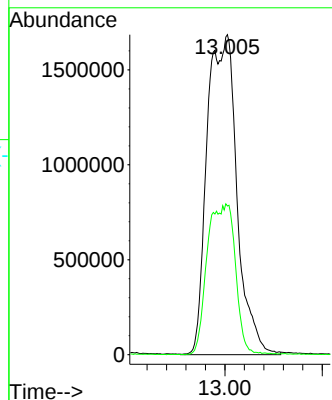
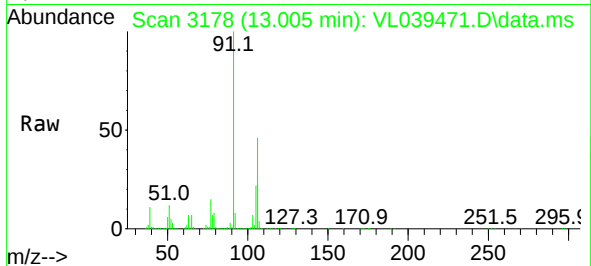
#59
m/p-Xylene
Concen: 18.592 ppbv m
RT: 13.005 min Scan# 3168
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 91 Resp: 716612
Ion Ratio Lower Upper
91 100
106 44.7 35.4 53.2

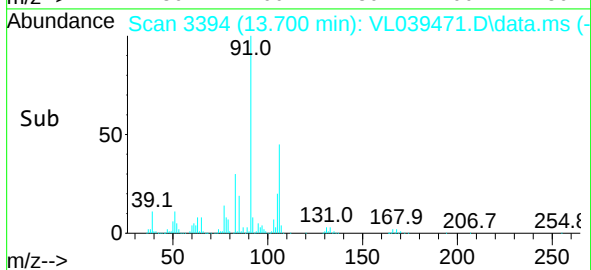
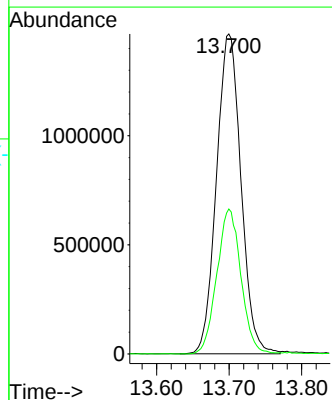
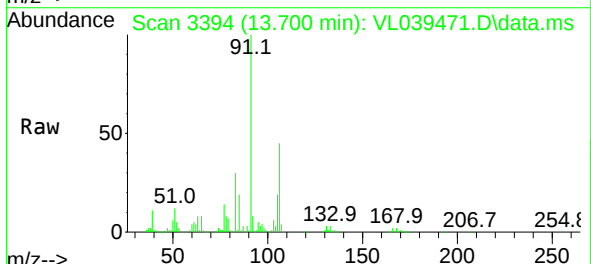
Manual Integrations
APPROVED

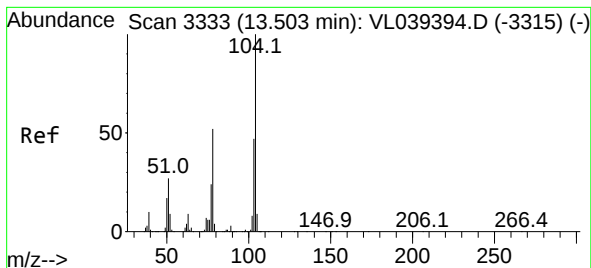
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#60
o-Xylene
Concen: 9.434 ppbv
RT: 13.700 min Scan# 3394
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion: 91 Resp: 3443302
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.3





#61

Styrene

Concen: 10.577 ppbv

RT: 13.536 min Scan# 31

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion:104 Resp: 2091234

Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

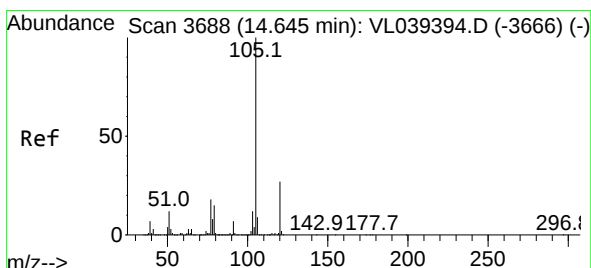
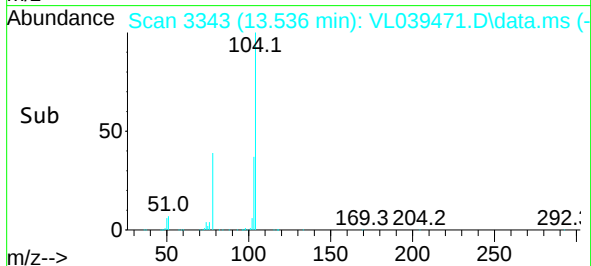
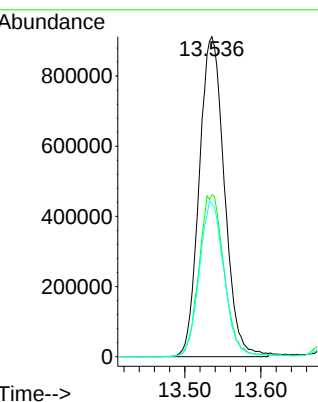
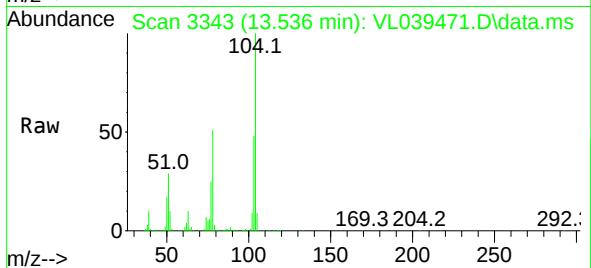
103 48.1 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#62

Isopropylbenzene

Concen: 9.208 ppbv

RT: 14.674 min Scan# 3697

Delta R.T. 0.029 min

Lab File: VL039471.D

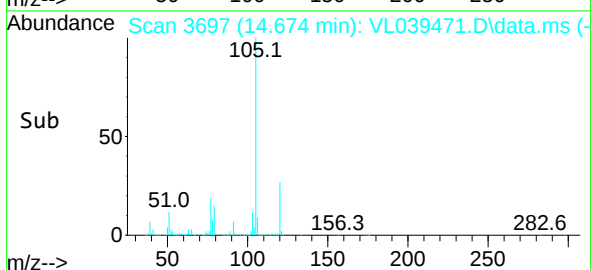
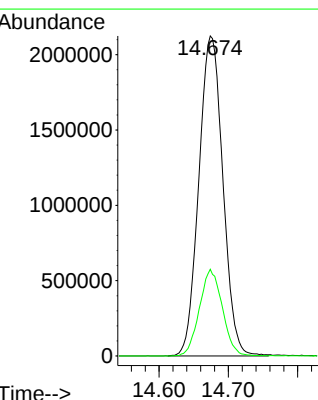
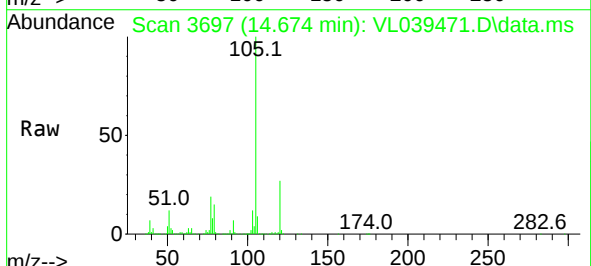
Acq: 13 Jul 2022 19:04

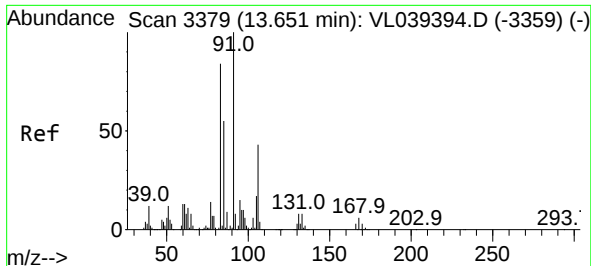
Tgt Ion:105 Resp: 5117947

Ion Ratio Lower Upper

105 100

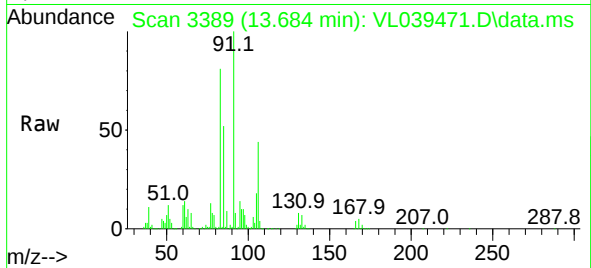
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.652 ppbv
RT: 13.684 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

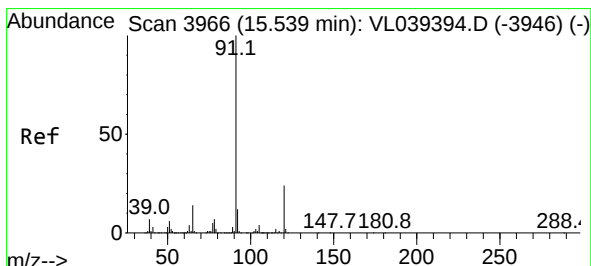
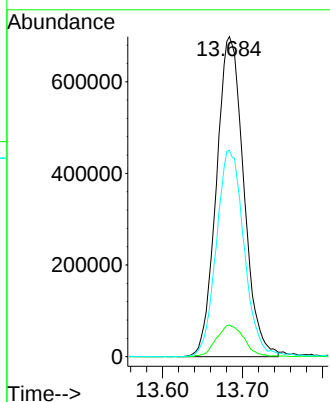
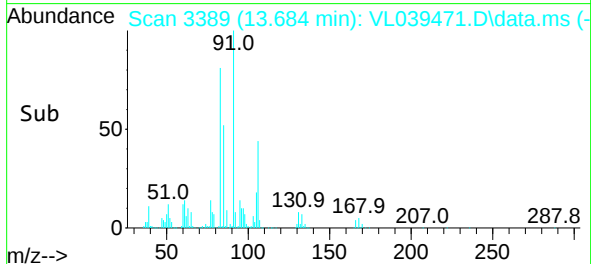
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



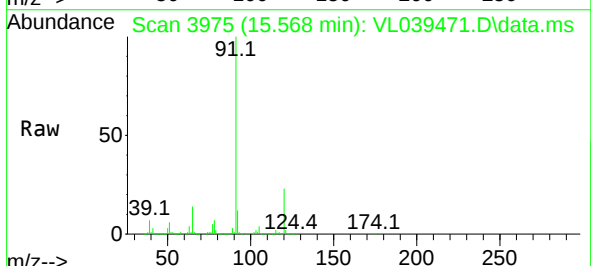
Tgt Ion: 83 Resp: 1655149
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 66.1 33.1 99.5

Manual Integrations
APPROVED

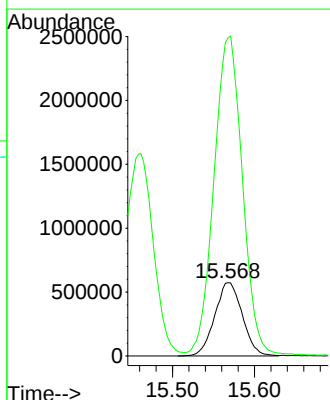
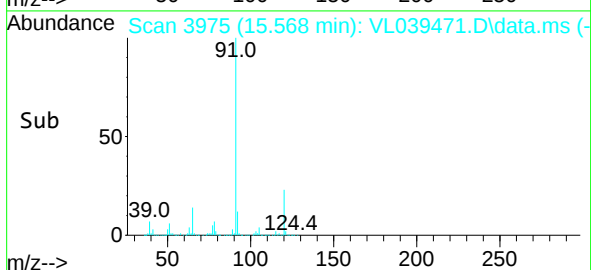
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

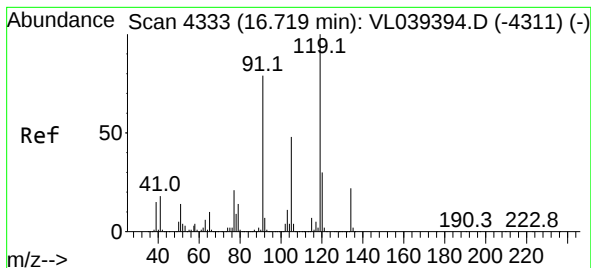


#64
n-propylbenzene
Concen: 9.520 ppbv
RT: 15.568 min Scan# 3975
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



Tgt Ion:120 Resp: 1341158
Ion Ratio Lower Upper
120 100
91 453.4 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.031 ppbv

RT: 16.751 min Scan# 41

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion:119 Resp: 463852

Ion Ratio Lower Upper

119 100

91 78.3 63.4 95.2

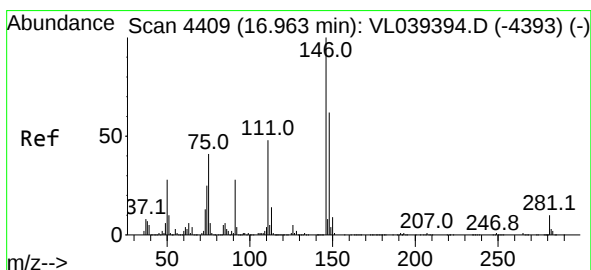
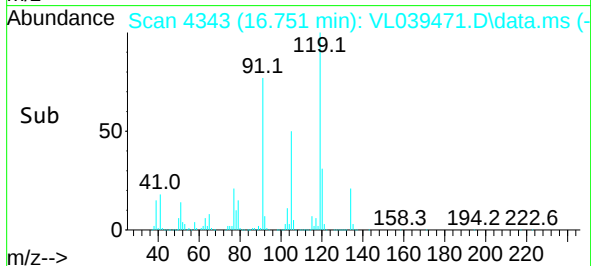
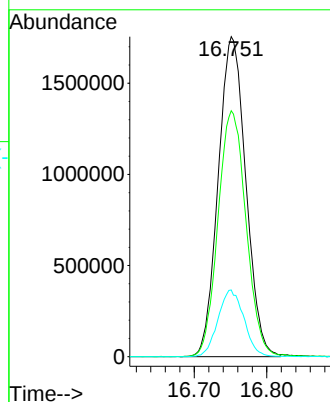
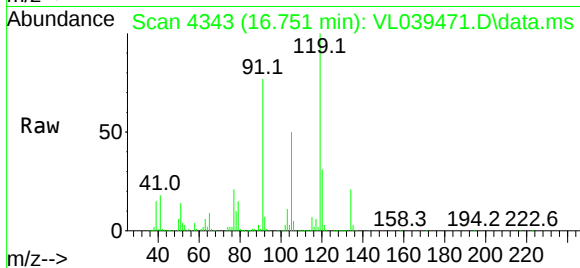
134 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#66

Benzyl Chloride

Concen: 10.620 ppbv

RT: 16.992 min Scan# 4418

Delta R.T. 0.029 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

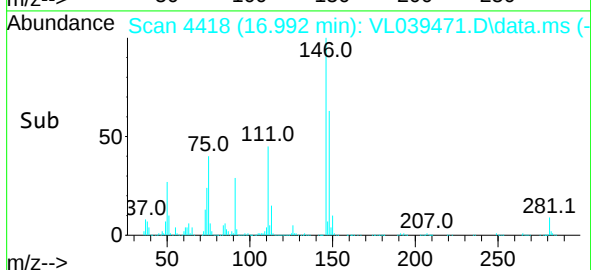
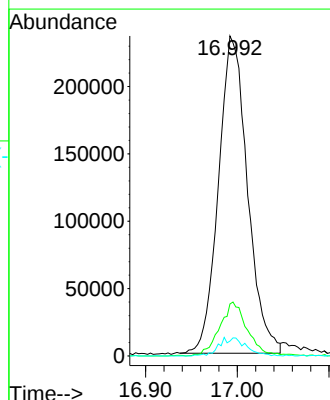
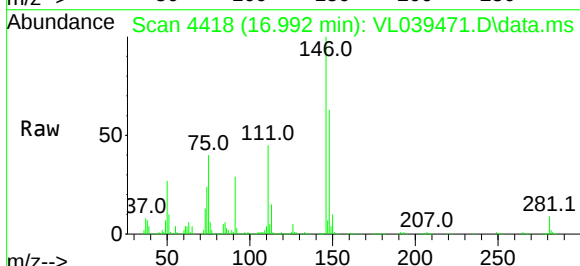
Tgt Ion: 91 Resp: 518299

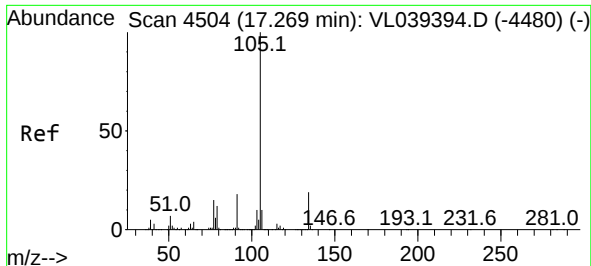
Ion Ratio Lower Upper

91 100

126 16.5 13.1 19.7

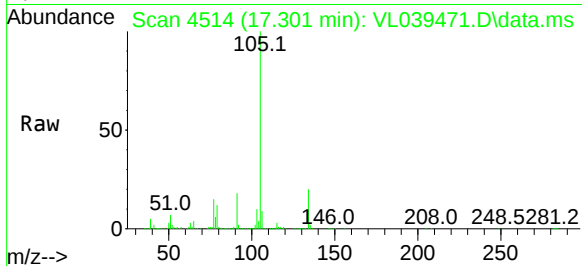
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.167 ppbv
 RT: 17.301 min Scan# 41
 Delta R.T. 0.032 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

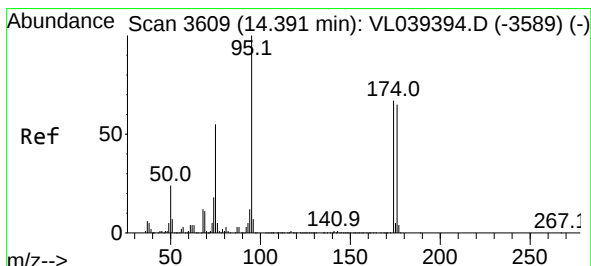
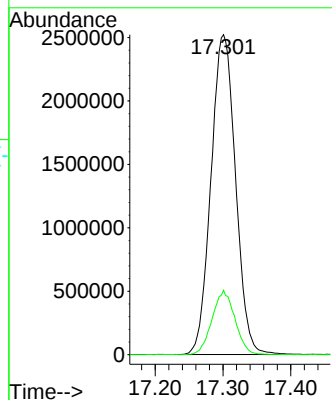
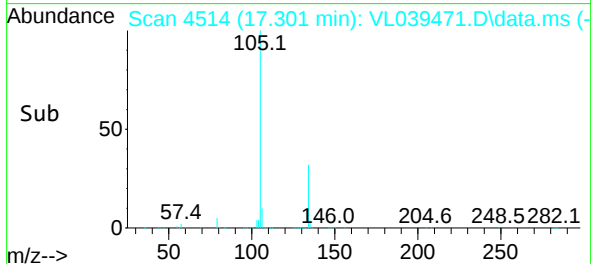
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01



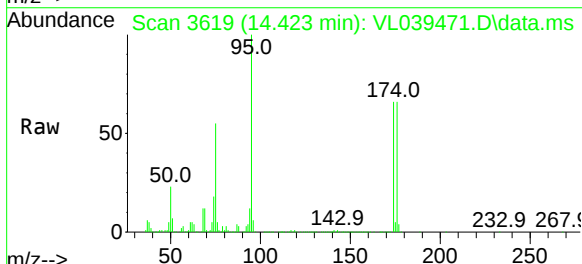
Tgt Ion: 105 Resp: 6341672
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

Manual Integrations
 APPROVED

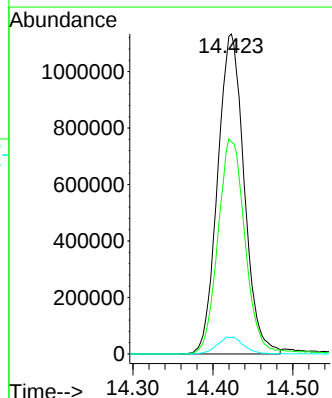
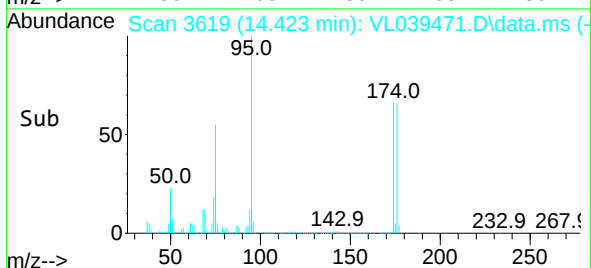
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

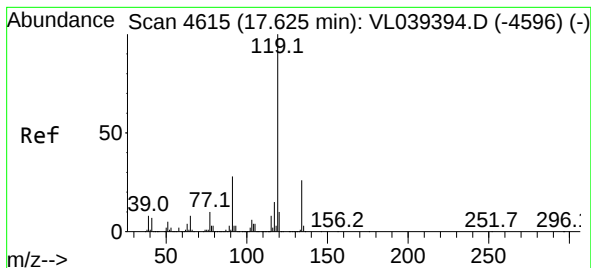


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.378 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.032 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04



Tgt Ion: 95 Resp: 2606685
 Ion Ratio Lower Upper
 95 100
 174 69.9 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.351 ppbv

RT: 17.658 min Scan# 4615

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion:119 Resp: 5488610

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

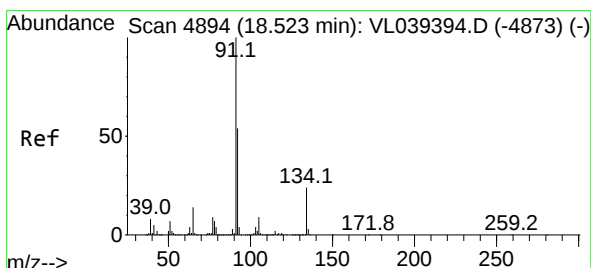
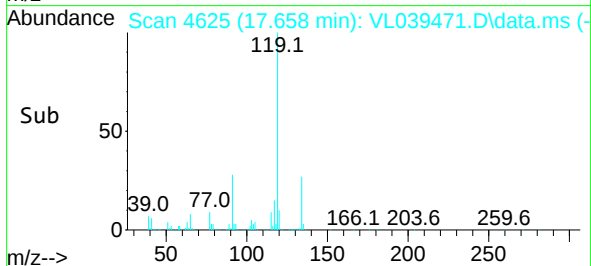
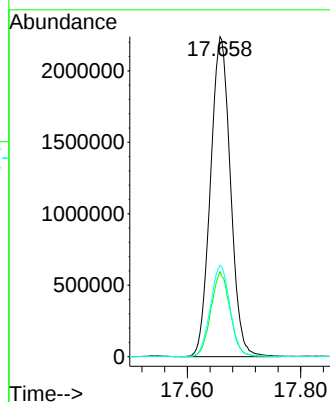
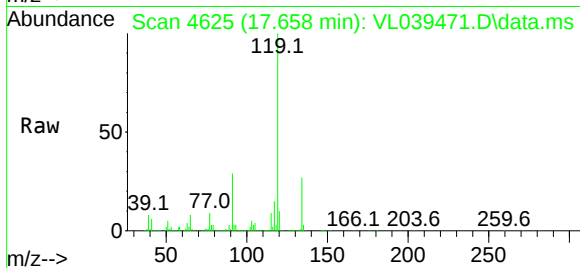
91 28.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#70

n-Butylbenzene

Concen: 9.399 ppbv

RT: 18.555 min Scan# 4904

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

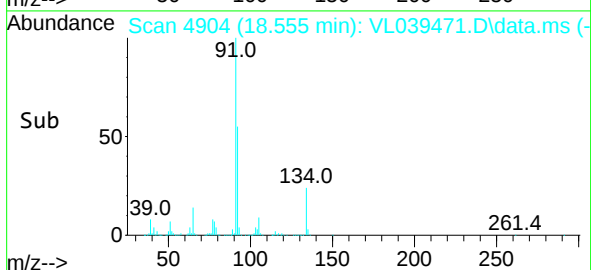
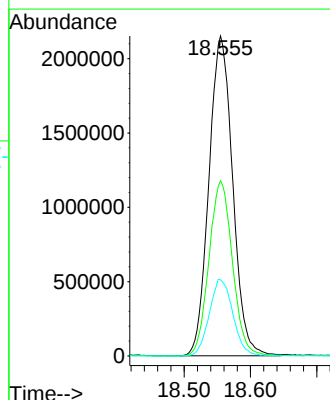
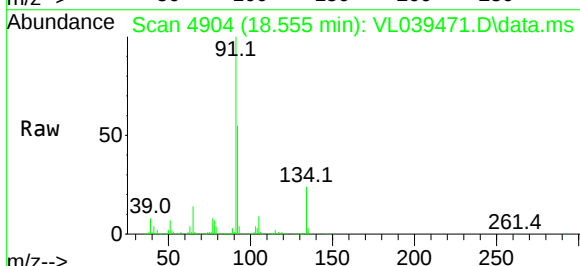
Tgt Ion: 91 Resp: 5355006

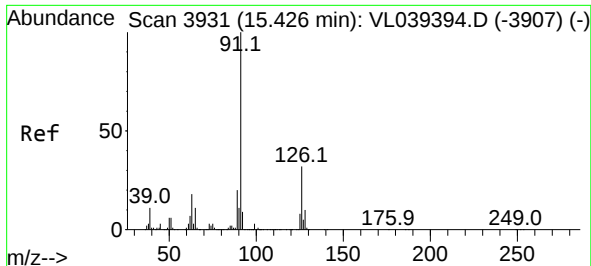
Ion Ratio Lower Upper

91 100

92 54.3 43.4 65.2

134 23.9 18.9 28.3





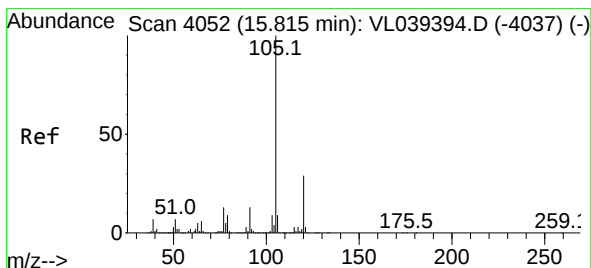
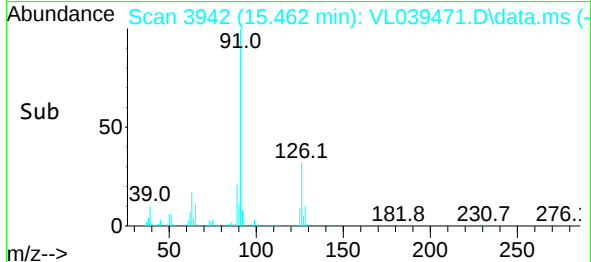
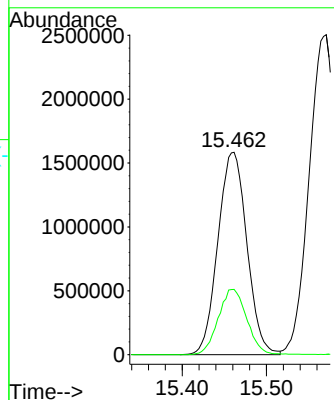
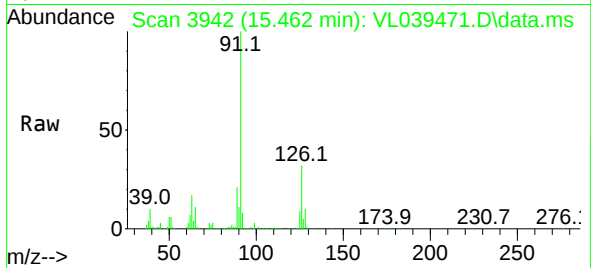
#71
2-Chlorotoluene
Concen: 9.511 ppbv
RT: 15.462 min Scan# 3931
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01

Tgt Ion: 91 Resp: 3783369
Ion Ratio Lower Upper
91 100
126 31.9 13.0 51.8

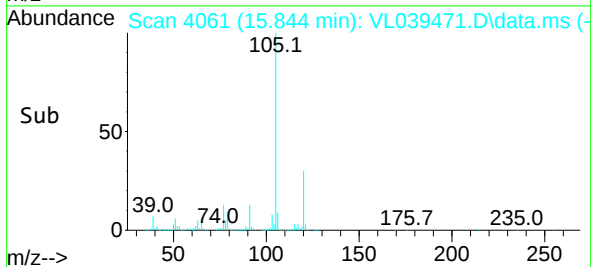
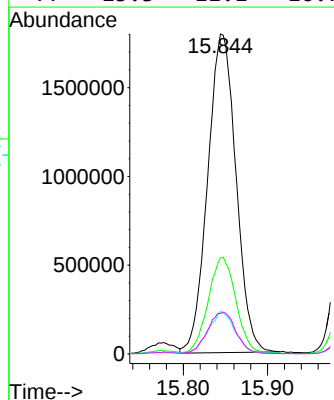
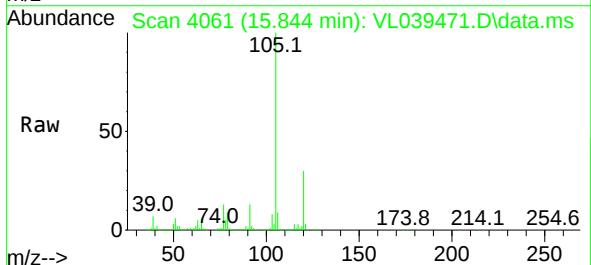
Manual Integrations
APPROVED

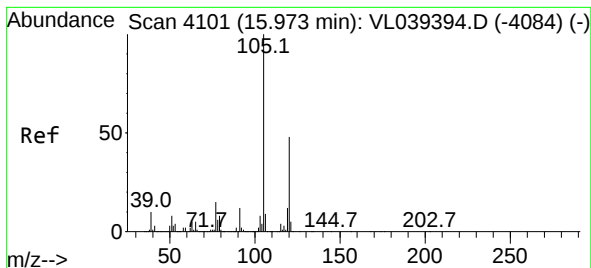
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022



#72
4-Ethyltoluene
Concen: 9.767 ppbv
RT: 15.844 min Scan# 4061
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

Tgt Ion:105 Resp: 4191312
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 12.7 10.2 15.4
77 13.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.559 ppbv

RT: 16.005 min Scan# 4101

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Instrument :

MSVOA_L

ClientSampleId :

VL0713ABS01

Tgt Ion:105 Resp: 376736

Ion Ratio Lower Upper

105 100

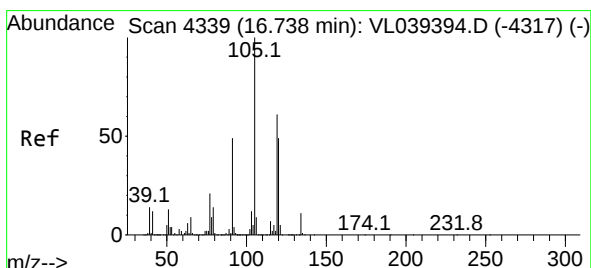
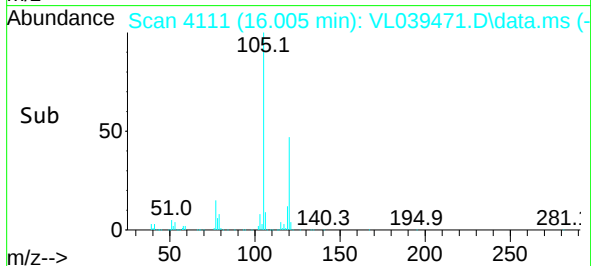
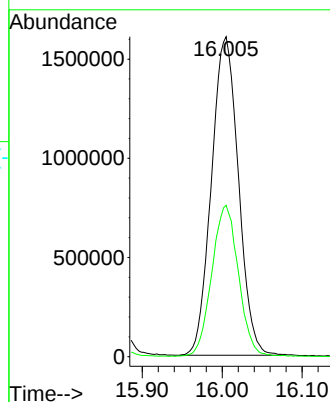
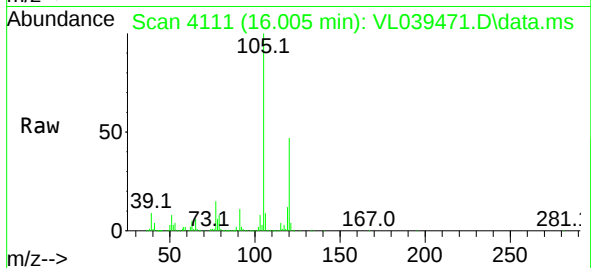
120 47.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022

Supervised By :Mahesh Dadoda 07/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.236 ppbv

RT: 16.770 min Scan# 4349

Delta R.T. 0.032 min

Lab File: VL039471.D

Acq: 13 Jul 2022 19:04

Tgt Ion:105 Resp: 4026918

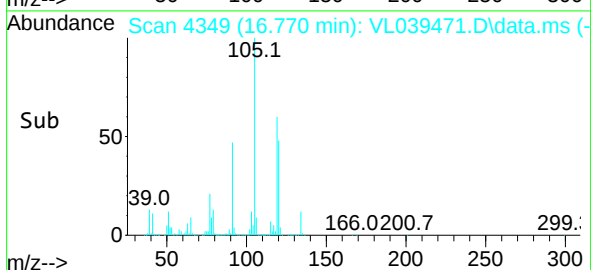
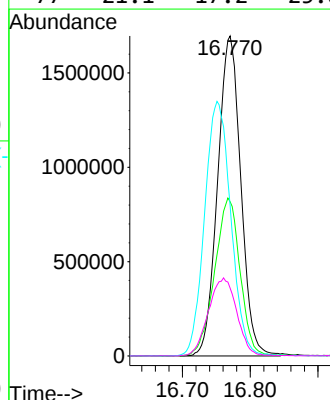
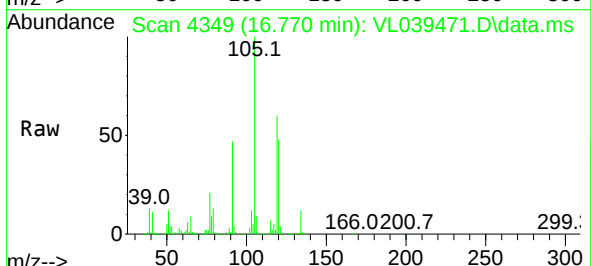
Ion Ratio Lower Upper

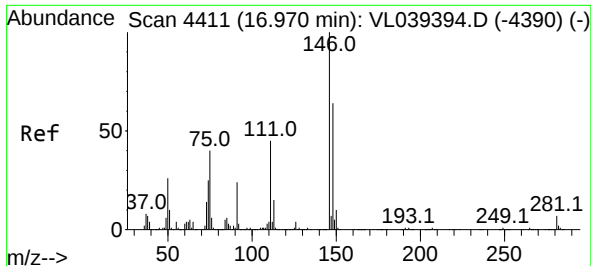
105 100

120 48.1 39.5 59.3

91 46.7 39.2 58.8

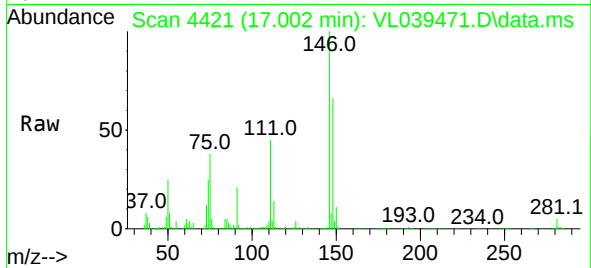
77 21.1 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 9.227 ppbv
RT: 17.002 min Scan# 4411
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

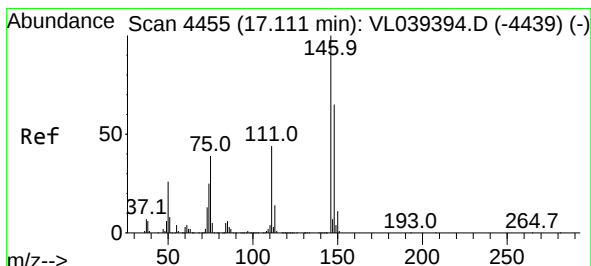
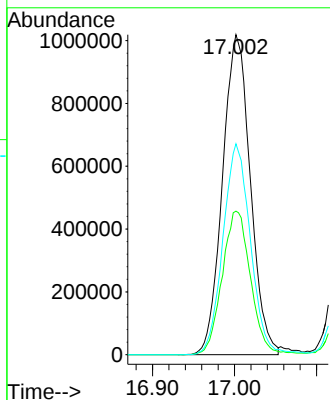
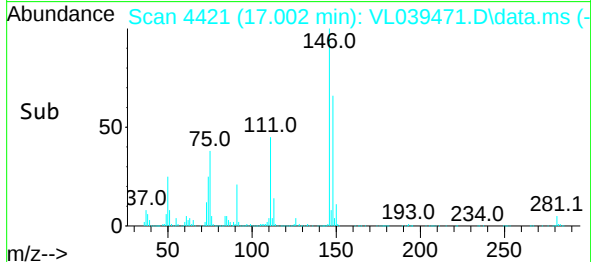
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



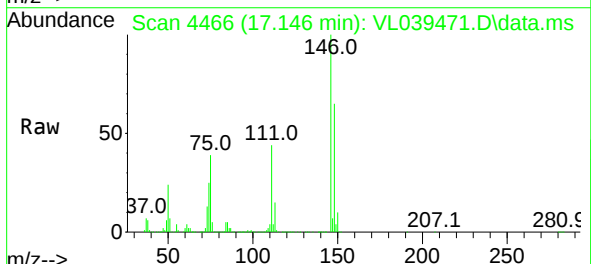
Tgt Ion:146 Resp: 239955
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.7
148 65.4 32.1 96.5

Manual Integrations
APPROVED

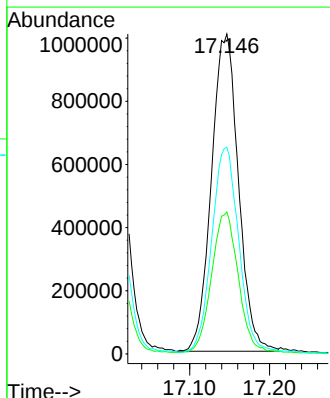
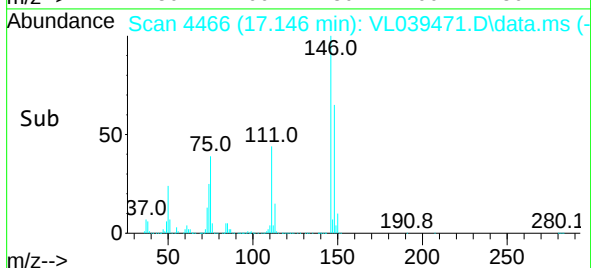
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

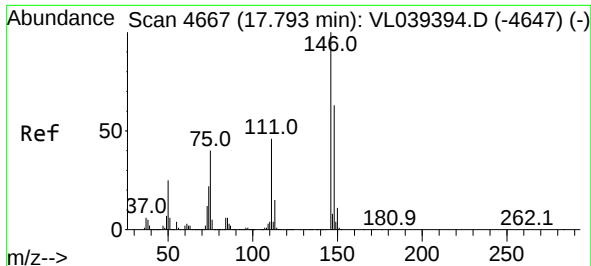


#76
1,4-Dichlorobenzene
Concen: 9.147 ppbv
RT: 17.146 min Scan# 4466
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



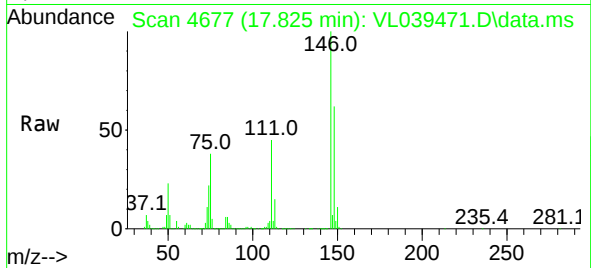
Tgt Ion:146 Resp: 2357830
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 66.4 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.054 ppbv
RT: 17.825 min Scan# 4078
Delta R.T. 0.032 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

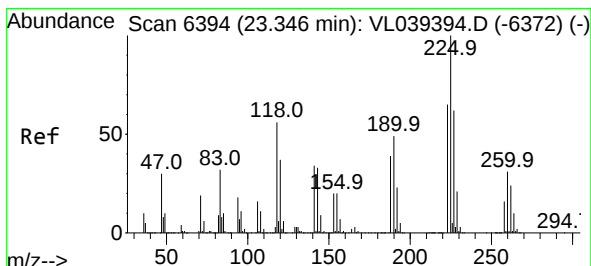
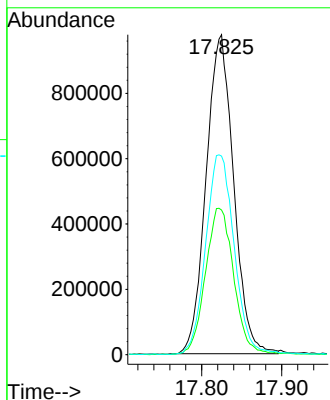
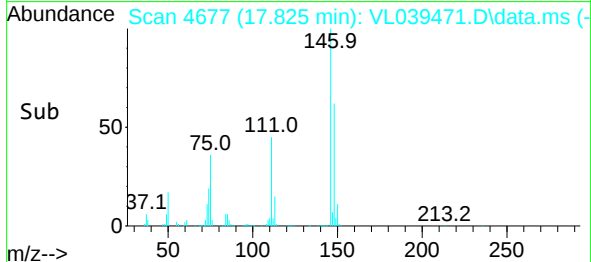
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



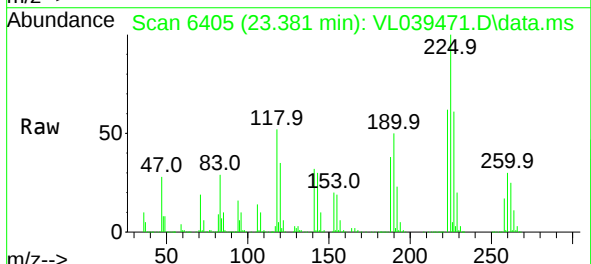
Tgt Ion:146 Resp: 2334078
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.5
148 65.4 32.3 96.8

Manual Integrations
APPROVED

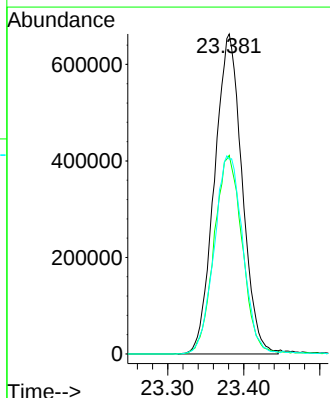
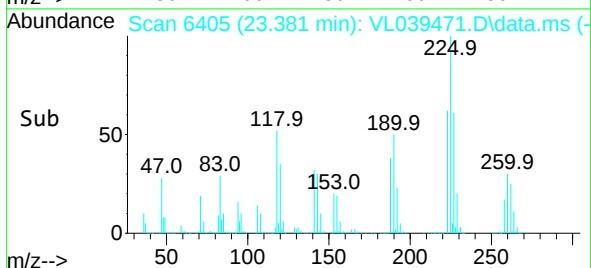
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

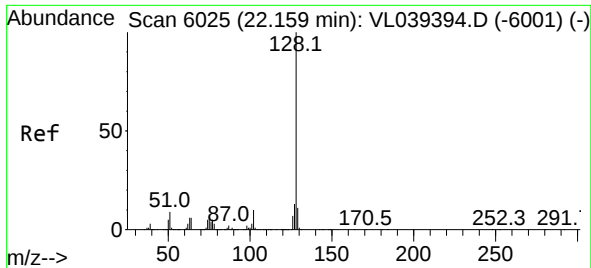


#78
Hexachloro-1,3-Butadiene
Concen: 8.057 ppbv
RT: 23.381 min Scan# 6405
Delta R.T. 0.035 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



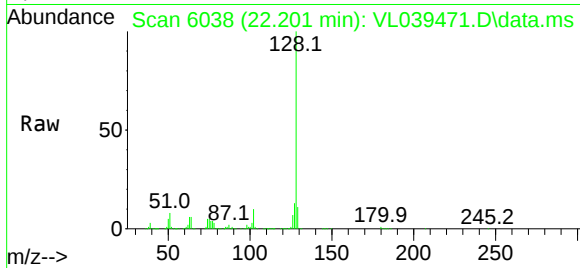
Tgt Ion:225 Resp: 1670484
Ion Ratio Lower Upper
225 100
223 63.6 51.8 77.6
227 64.5 51.4 77.2





#79
Naphthalene
Concen: 10.759 ppbv
RT: 22.201 min Scan# 6025
Delta R.T. 0.042 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04

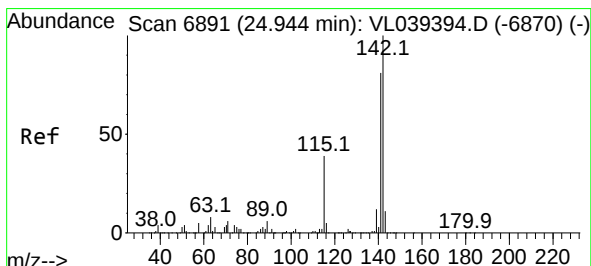
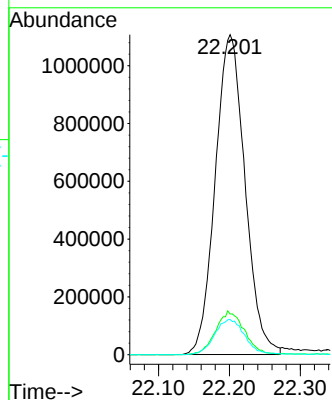
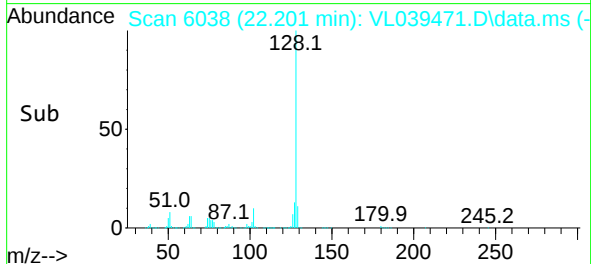
Instrument :
MSVOA_L
ClientSampleId :
VL0713ABS01



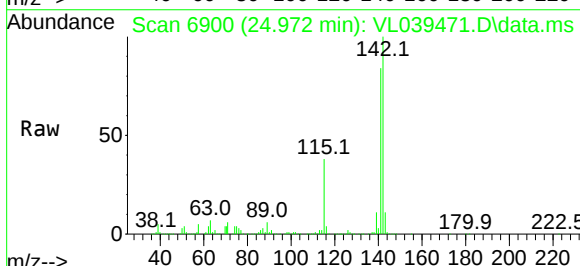
Tgt Ion:128 Resp: 322826
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.8 13.2

Manual Integrations
APPROVED

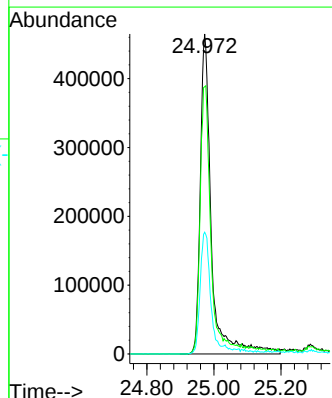
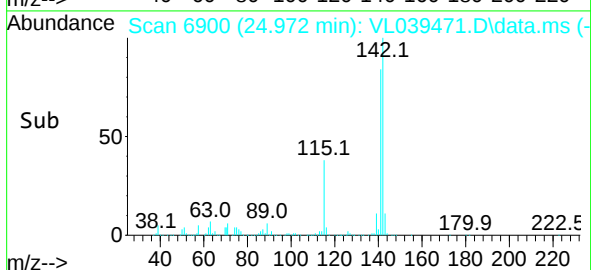
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/14/2022

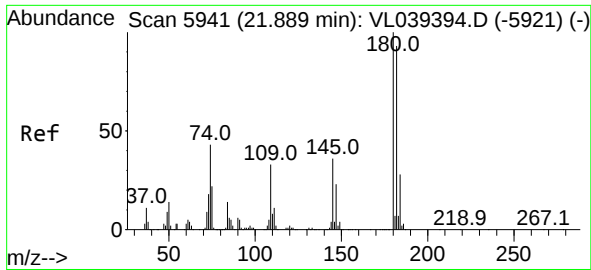


#80
Naphthalene,2-methyl-
Concen: 10.389 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.029 min
Lab File: VL039471.D
Acq: 13 Jul 2022 19:04



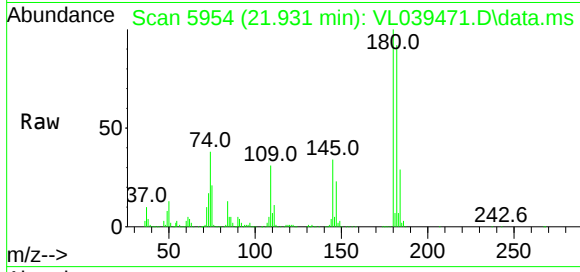
Tgt Ion:142 Resp: 1060905
Ion Ratio Lower Upper
142 100
141 86.6 68.9 103.3
115 36.7 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.554 ppbv
 RT: 21.931 min Scan# 5954
 Delta R.T. 0.042 min
 Lab File: VL039471.D
 Acq: 13 Jul 2022 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABS01



Tgt Ion:180 Resp: 1867138
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.1 115.7
 184 30.6 24.3 36.5

Manual Integrations
 APPROVED

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

