

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039280.D
 Acq On : 14 Jun 2022 13:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:18:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 03:18:46 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1261350	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3473240	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	3410125m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2704237 9.592 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1860288	8.397	ppbv	99
3) Chlorodifluoromethane	2.996	51	1345716	8.385	ppbv	100
4) Chloromethane	3.147	50	707227	8.579	ppbv	99
5) Vinyl Chloride	3.263	62	711476	9.232	ppbv	95
6) Bromomethane	3.478	94	335656	8.854	ppbv	99
7) Chloroethane	3.562	64	262748	9.785	ppbv	94
8) Dichlorotetrafluoroethane	3.192	85	1837619	9.076	ppbv	97
9) Propene	3.015	41	561677	8.026	ppbv	99
10) Heptane	8.124	43	1492767	9.144	ppbv	98
11) Trichlorofluoromethane	3.957	101	1818689	9.069	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.488	101	1308020	9.863	ppbv	98
13) Ethanol	3.610	45	41551m	10.887	ppbv	
14) Bromoethene	3.745	108	570501	9.569	ppbv	97
15) Acetone	3.851	43	1301941	9.909	ppbv	95
16) 1,3-Butadiene	3.333	39	713361	10.100	ppbv	94
17) tert-Butyl alcohol	4.285	59	1130347	11.091	ppbv	98
18) 1,1-Dichloroethene	4.295	96	607789	10.216	ppbv	85
19) Isopropyl Alcohol	3.964	45	677367	10.991	ppbv	99
20) Methylene Chloride	4.349	84	499407	9.019	ppbv	94
21) Allyl Chloride	4.417	41	942939	10.638	ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	631150	11.026	ppbv	93
23) Vinyl Acetate	5.076	43	1008795	9.280	ppbv	100
24) 1,1-Dichloroethane	5.015	63	1234070	8.285	ppbv	99
25) Ethyl Acetate	5.677	43	2711367	9.156	ppbv	99
26) Hexane	5.690	57	1130125	8.684	ppbv	95
27) Carbon Disulfide	4.555	76	1435376	10.642	ppbv	98
28) Methyl tert-Butyl Ether	5.034	73	1107119	7.706	ppbv	98
29) Chloroform	5.754	83	1889617	8.629	ppbv	97
30) Cyclohexane	7.137	84	987974	9.037	ppbv	98
31) cis-1,2-Dichloroethene	5.552	61	1160303	8.744	ppbv	96
32) 1,1,1-Trichloroethane	6.516	97	1912109	8.923	ppbv	99
34) 2-Butanone	5.246	43	1598990	8.474	ppbv	100
35) Carbon Tetrachloride	7.025	117	2066481	8.152	ppbv	98
36) Benzene	6.896	78	2386967	8.465	ppbv	98
37) 1,2-Dichloroethane	6.311	62	1473822	7.942	ppbv	98
38) Trichloroethene	7.838	130	1248631	9.641	ppbv	96
39) 1,2-Dichloropropane	7.613	63	887516	7.913	ppbv	99
40) 1,4-Dioxane	7.832	88	330250	8.944	ppbv #	1
41) Tetrahydrofuran	6.050	42	912300	8.039	ppbv	99
42) Bromodichloromethane	7.793	83	2029506	7.880	ppbv	100
43) Methyl Methacrylate	8.015	69	951662	8.664	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	4001054	8.111	ppbv	97
45) t-1,3-Dichloropropene	9.282	75	958165	8.376	ppbv	100

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

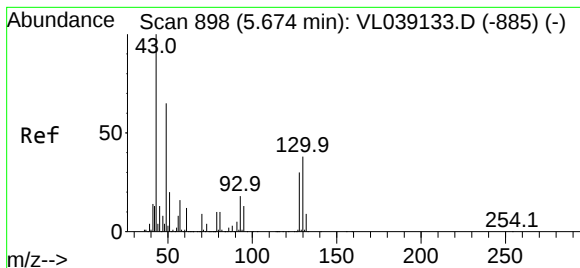
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

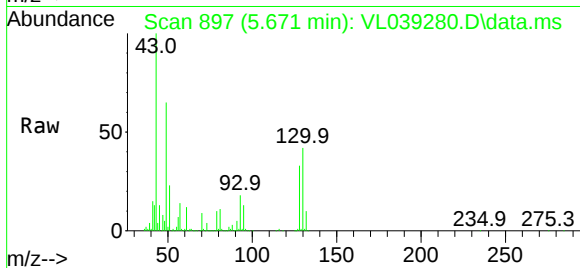
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1239505	8.203	ppbv	98
47) 1,1,2-Trichloroethane	9.475	97	1002804	8.570	ppbv	97
48) Dibromochloromethane	10.304	129	1838795	8.801	ppbv	98
49) Bromoform	13.040	173	1524004	8.753	ppbv	98
50) 4-Methyl-2-Pentanone	8.741	43	2498714	8.847	ppbv	98
51) 2-Hexanone	10.131	43	1907535	8.679	ppbv #	96
52) Tetrachloroethene	11.224	164	936176	8.503	ppbv	98
53) Toluene	9.806	91	2887944	8.894	ppbv	99
54) 1,2-Dibromoethane	10.613	107	1361468	8.659	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.127	131	1326960	8.224	ppbv	99
57) Chlorobenzene	12.150	112	2197616	8.565	ppbv	94
58) Ethyl Benzene	12.709	91	3913725	8.332	ppbv	98
59) m/p-Xylene	12.999	91	6746771m	16.310	ppbv	
60) o-Xylene	13.693	91	3247387	8.355	ppbv	99
61) Styrene	13.529	104	1908479	9.169	ppbv	96
62) Isopropylbenzene	14.667	105	4866370	8.424	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.674	83	1608653	7.373	ppbv	99
64) n-propylbenzene	15.561	120	1278815	9.005	ppbv	89
65) tert-Butylbenzene	16.741	119	4483611	8.487	ppbv	97
66) Benzyl Chloride	16.986	91	446969	6.507	ppbv	100
67) sec-Butylbenzene	17.291	105	6112038	8.480	ppbv	99
69) p-Isopropyltoluene	17.651	119	5289195	8.698	ppbv	98
70) n-Butylbenzene	18.548	91	5178912	8.297	ppbv	98
71) 2-Chlorotoluene	15.452	91	3555824	8.071	ppbv	97
72) 4-Ethyltoluene	15.838	105	4000848	8.783	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	3619528	8.809	ppbv	99
74) 1,2,4-Trimethylbenzene	16.760	105	3915599	8.540	ppbv	95
75) 1,3-Dichlorobenzene	16.992	146	2268777	8.742	ppbv	99
76) 1,4-Dichlorobenzene	17.133	146	2200129	8.497	ppbv	100
77) 1,2-Dichlorobenzene	17.818	146	2201637	8.417	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	1680850	7.027	ppbv	99
79) Naphthalene	22.191	128	3226466	9.141	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	966088	7.367	ppbv	97
81) 1,2,4-Trichlorobenzene	21.921	180	1889613	8.450	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

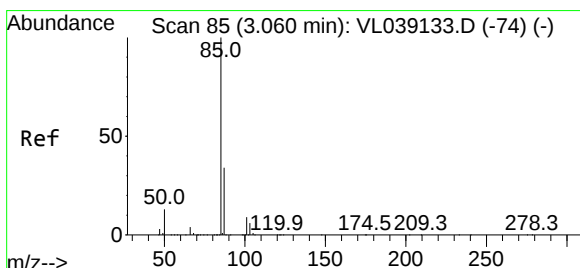
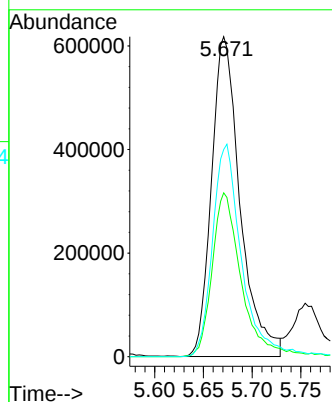
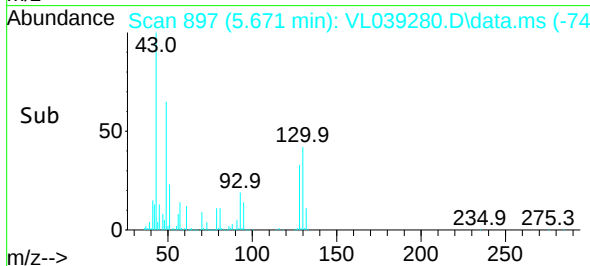
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



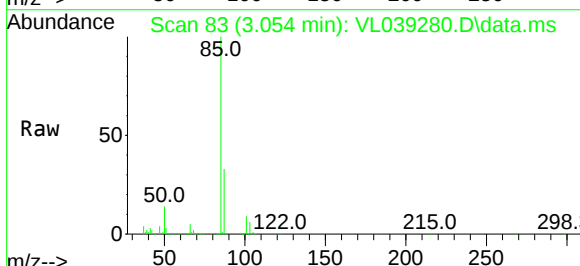
Tgt Ion: 49 Resp: 1261350
Ion Ratio Lower Upper
49 100
128 53.2 24.7 74.1
130 68.8 31.4 94.0

Manual Integrations
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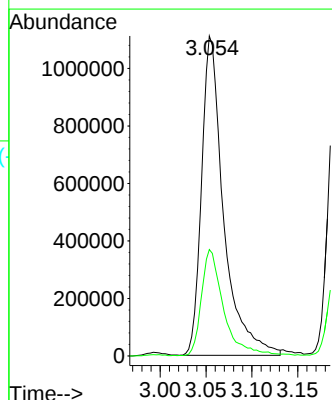
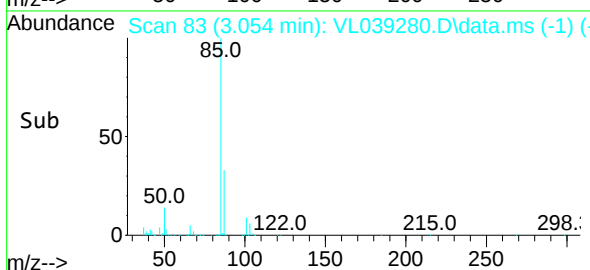
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

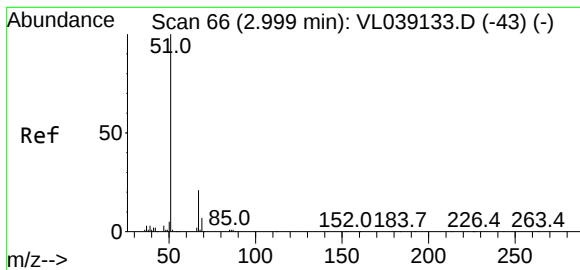


#2
Dichlorodifluoromethane
Concen: 8.397 ppbv
RT: 3.054 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



Tgt Ion: 85 Resp: 1860288
Ion Ratio Lower Upper
85 100
87 33.2 26.9 40.3





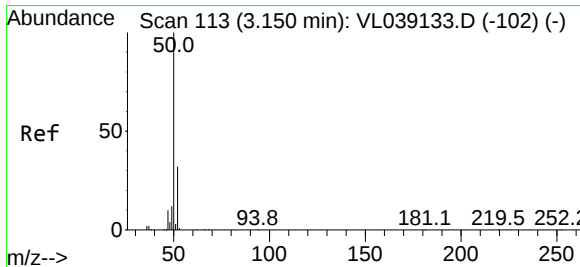
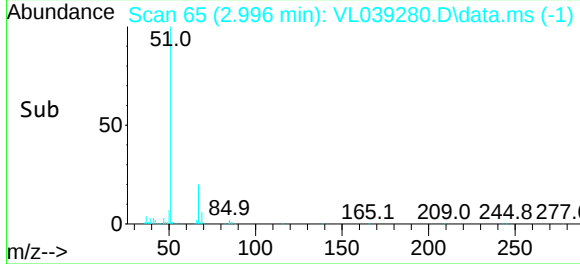
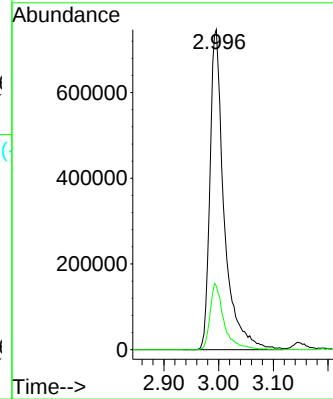
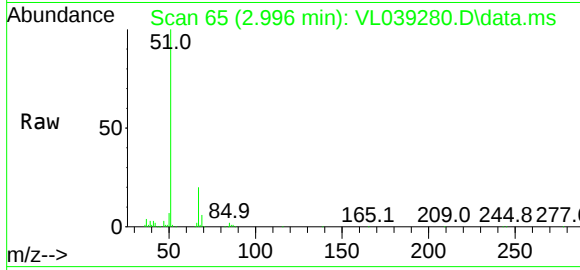
#3
Chlorodifluoromethane
Concen: 8.385 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1345710
Ion Ratio Lower Upper
51 100
67 20.4 16.2 24.4

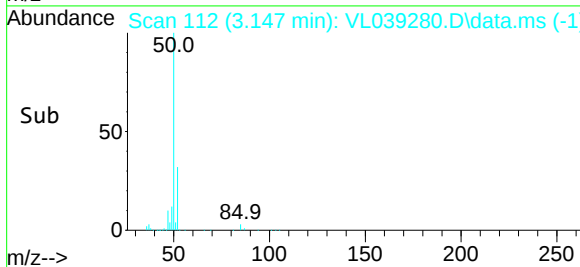
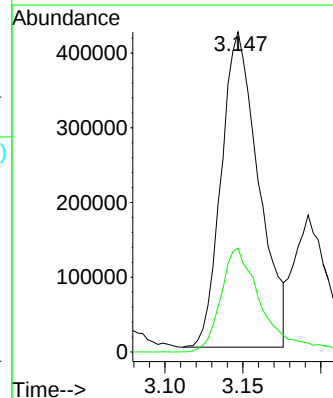
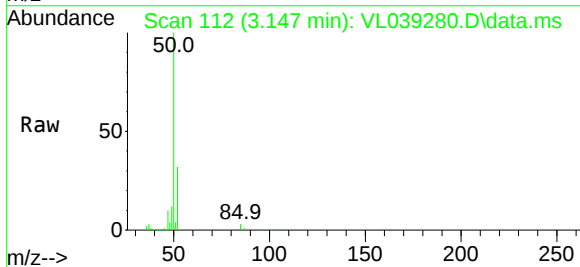
Manual Integrations
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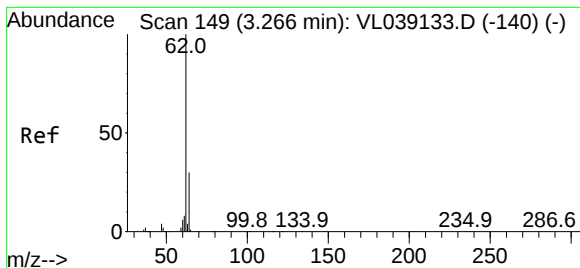
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#4
Chloromethane
Concen: 8.579 ppbv
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

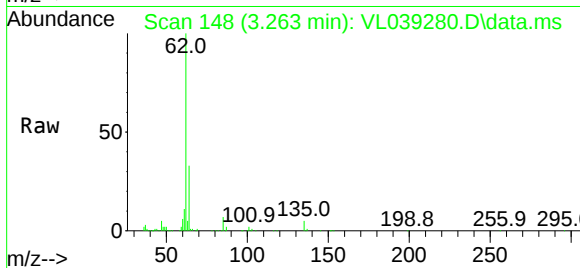
Tgt Ion: 50 Resp: 707227
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.232 ppbv
 RT: 3.263 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

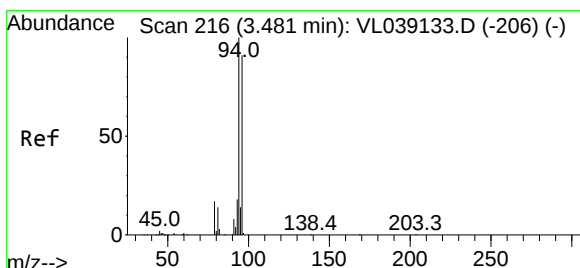
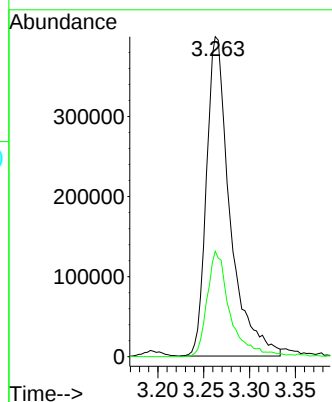
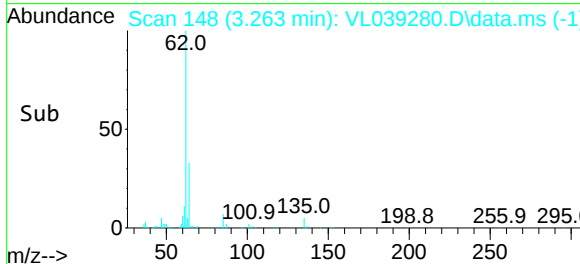
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 711470
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.2 36.2

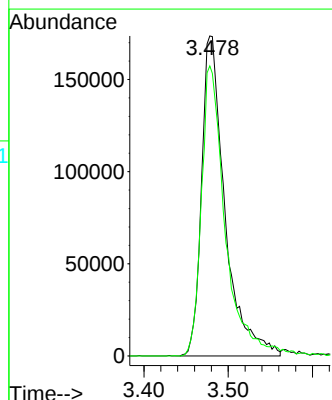
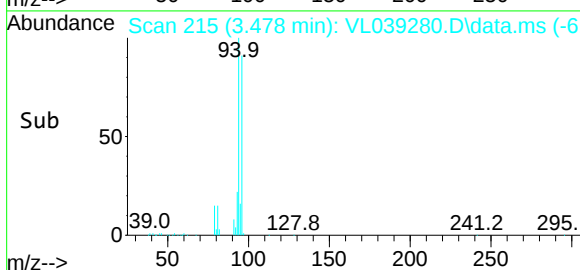
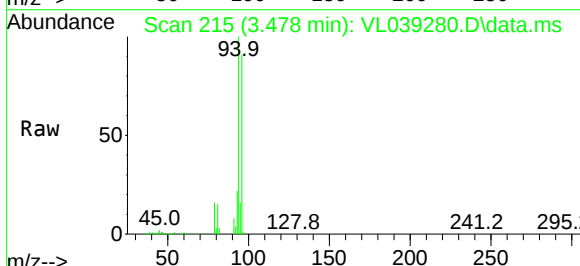
Manual Integrations
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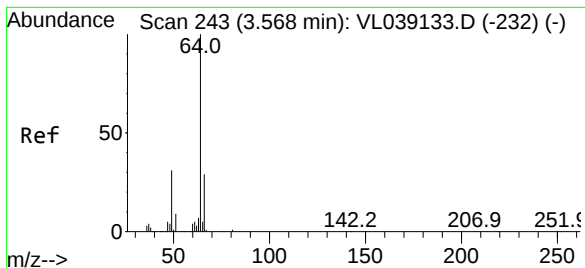
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#6
 Bromomethane
 Concen: 8.854 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

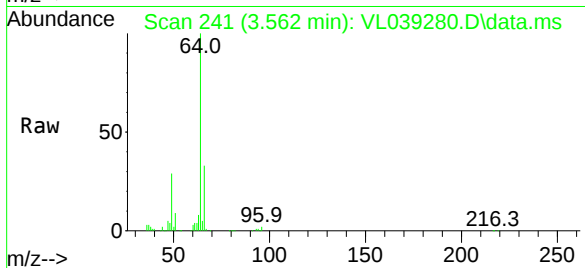
Tgt Ion: 94 Resp: 335656
 Ion Ratio Lower Upper
 94 100
 96 90.7 73.0 109.4





#7
Chloroethane
Concen: 9.785 ppbv
RT: 3.562 min Scan# 243
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

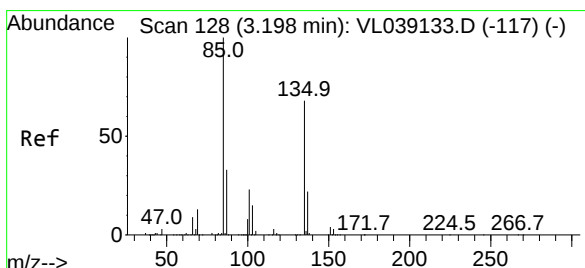
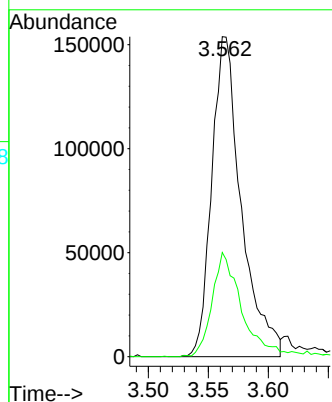
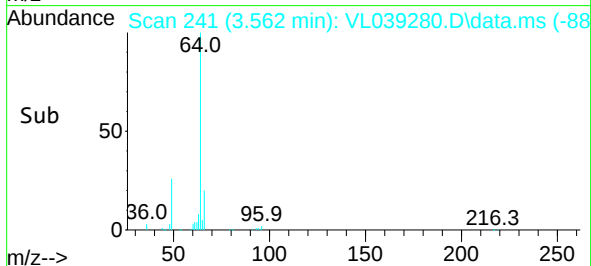
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 262748
Ion Ratio Lower Upper
64 100
66 32.6 23.6 35.4

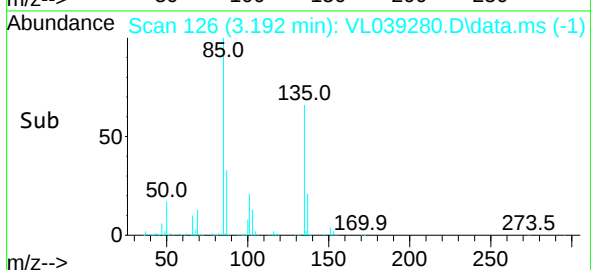
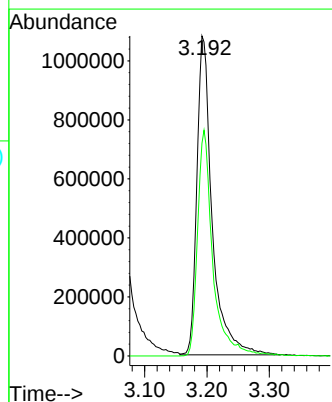
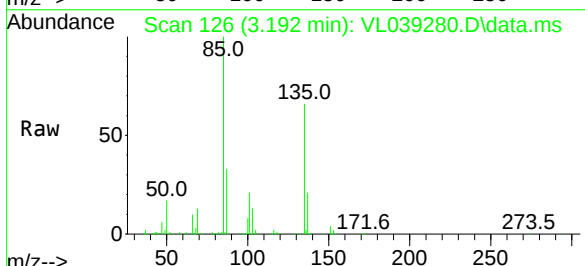
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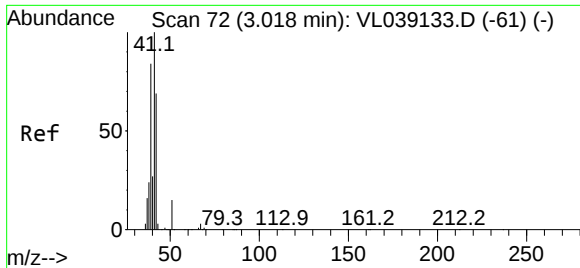
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#8
Dichlorotetrafluoroethane
Concen: 9.076 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

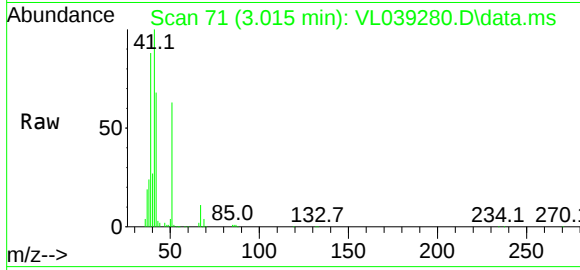
Tgt Ion: 85 Resp: 1837619
Ion Ratio Lower Upper
85 100
135 71.2 55.0 82.4





#9
 Propene
 Concen: 8.026 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

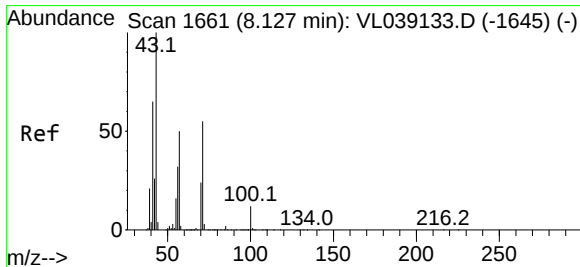
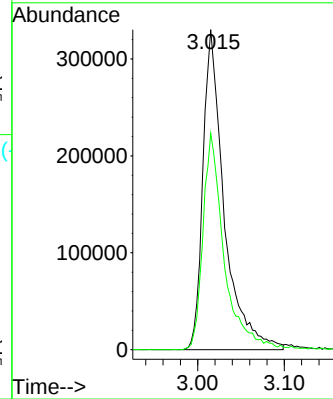
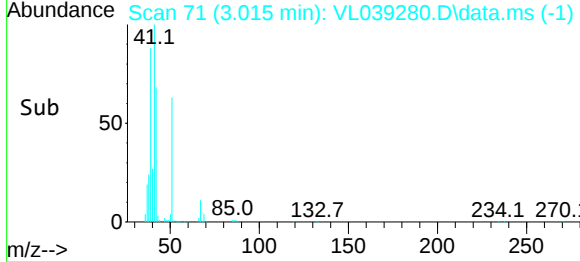
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



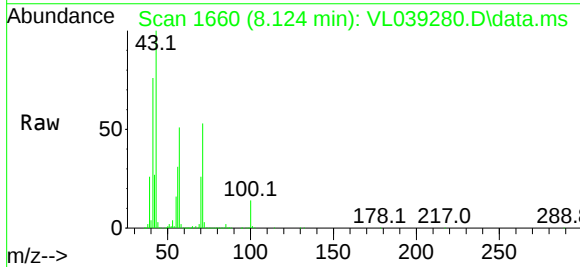
Tgt Ion: 41 Resp: 56167
 Ion Ratio Lower Upper
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 42 68.1 55.4 83.2

Manual Integrations
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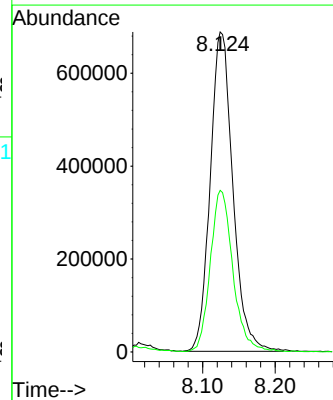
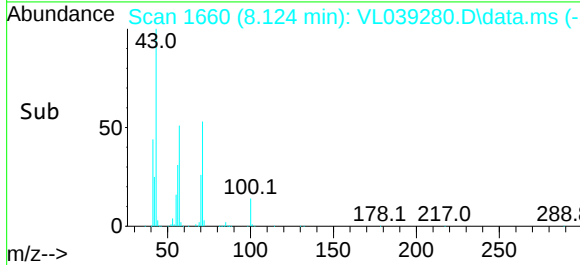
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

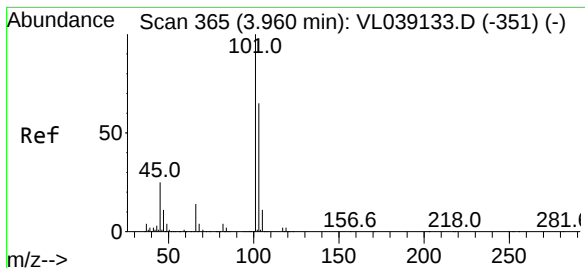


#10
 Heptane
 Concen: 9.144 ppbv
 RT: 8.124 min Scan# 1660
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18



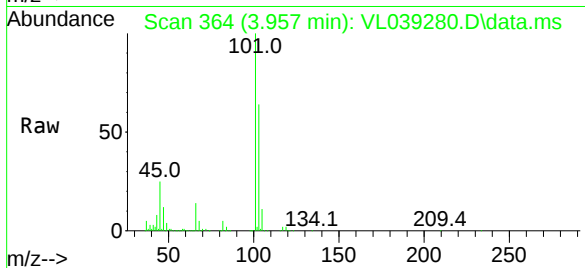
Tgt Ion: 43 Resp: 1492767
 Ion Ratio Lower Upper
 43 100
 57 50.6 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.069 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

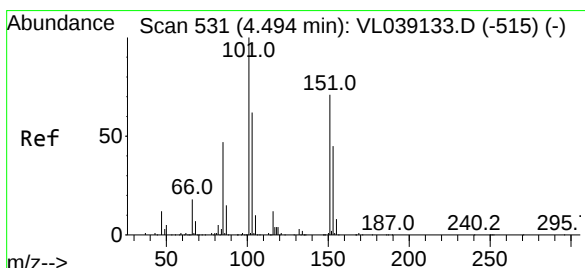
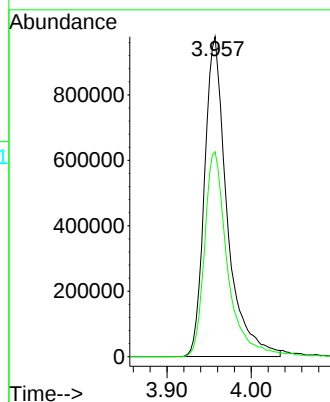
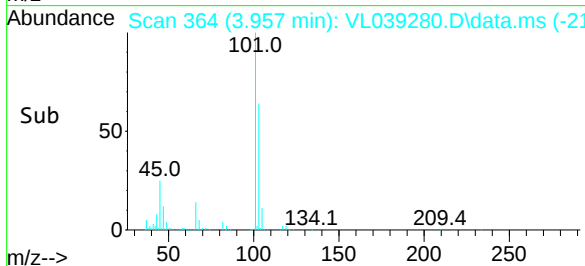
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 1818689
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5

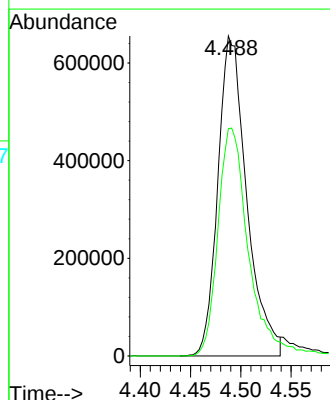
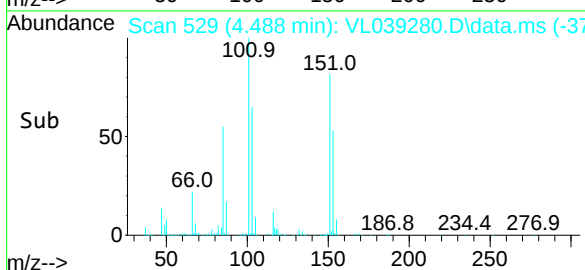
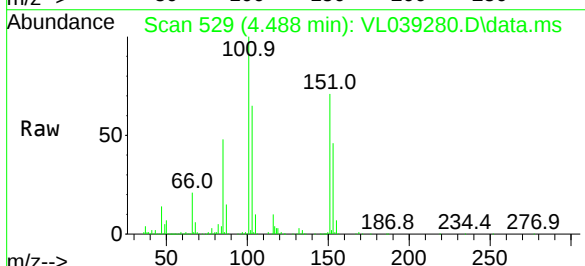
Manual Integrations
 APPROVED

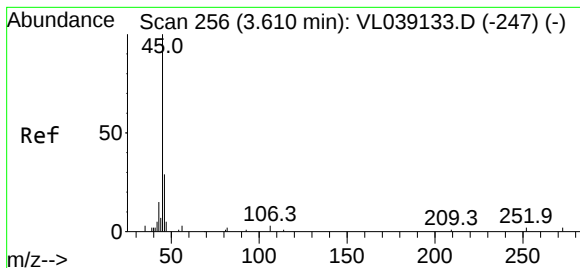
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.863 ppbv
 RT: 4.488 min Scan# 529
 Delta R.T. -0.006 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

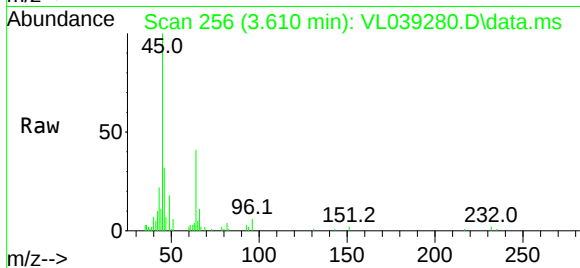
Tgt Ion:101 Resp: 1308020
 Ion Ratio Lower Upper
 101 100
 151 76.3 59.4 89.0





#13
Ethanol
Concen: 10.887 ppbv m
RT: 3.610 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

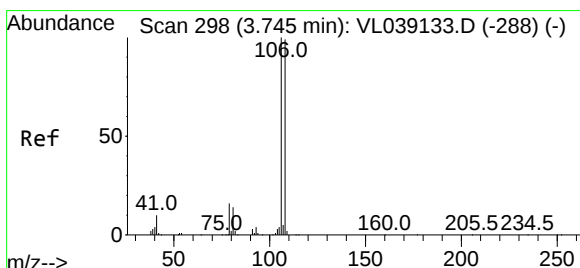
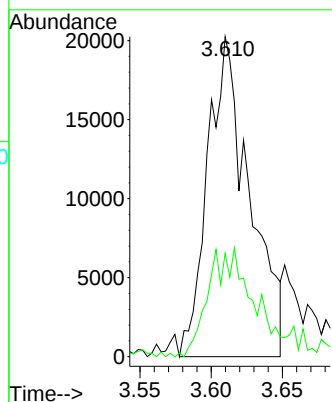
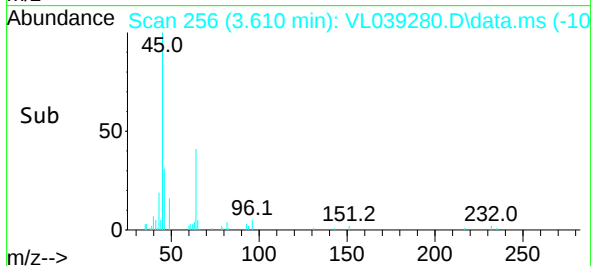
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



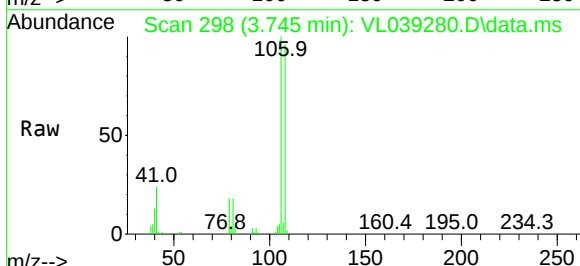
Tgt Ion: 45 Resp: 4155
Ion Ratio Lower Upper
45 100
46 43.8 0.0 0.0

Manual Integrations
APPROVED

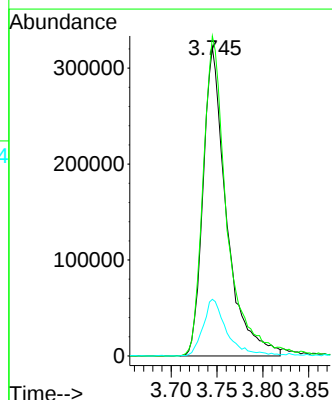
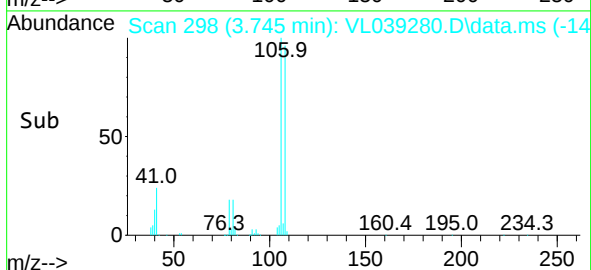
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

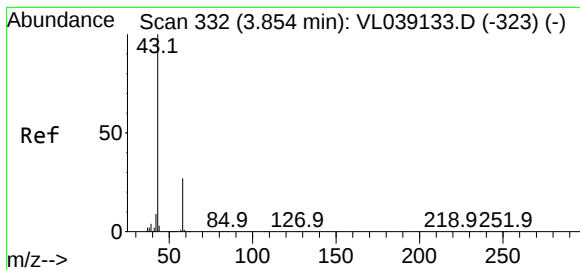


#14
Bromoethene
Concen: 9.569 ppbv
RT: 3.745 min Scan# 298
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



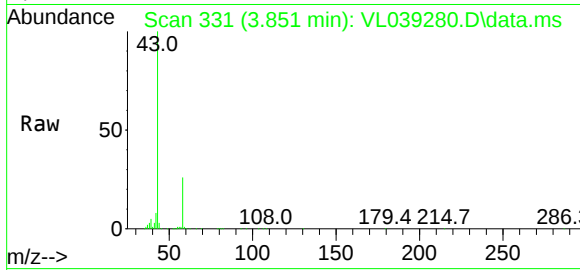
Tgt Ion:108 Resp: 570501
Ion Ratio Lower Upper
108 100
106 107.6 88.4 132.6
79 19.2 13.4 20.2





#15
Acetone
Concen: 9.909 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

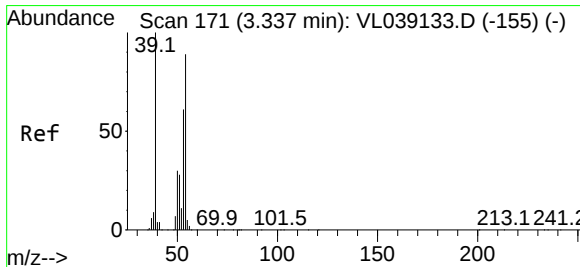
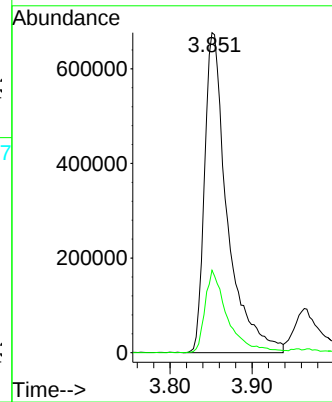
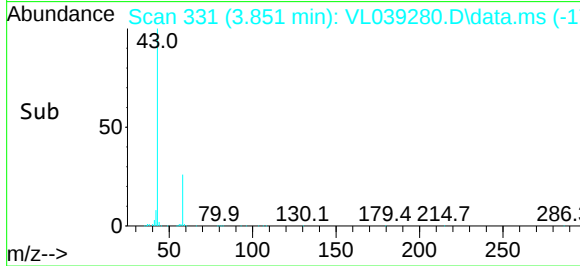
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



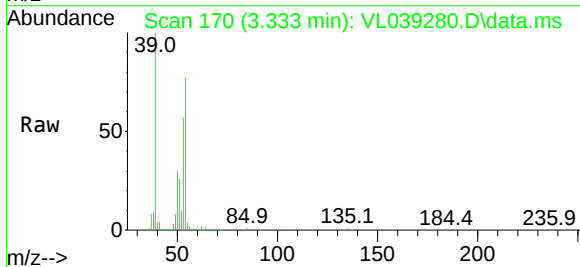
Tgt Ion: 43 Resp: 130194
Ion Ratio Lower Upper
43 100
58 25.5 22.5 33.7

Manual Integrations
APPROVED

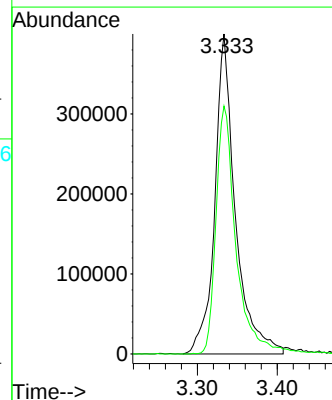
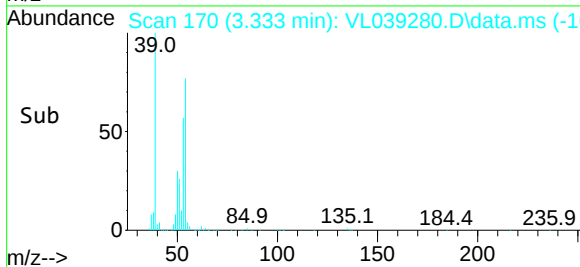
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

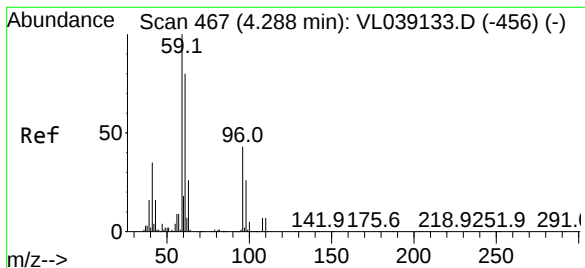


#16
1,3-Butadiene
Concen: 10.100 ppbv
RT: 3.333 min Scan# 170
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



Tgt Ion: 39 Resp: 713361
Ion Ratio Lower Upper
39 100
54 76.6 65.8 98.6





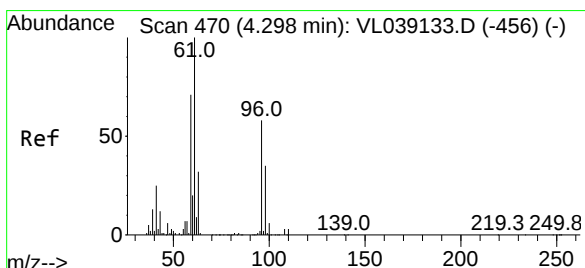
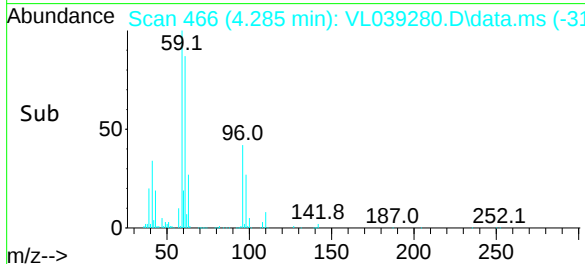
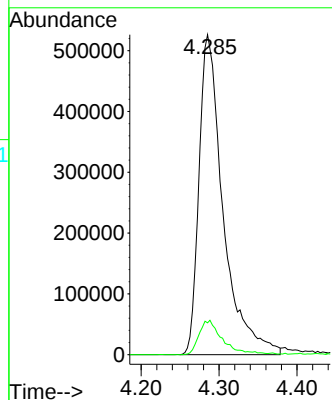
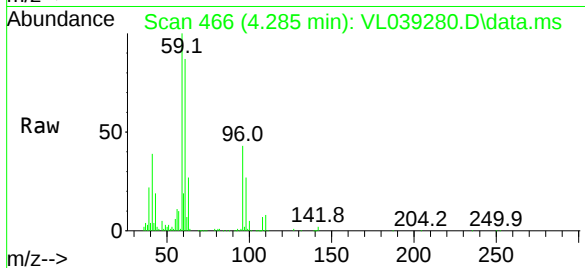
#17
tert-Butyl alcohol
Concen: 11.091 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 113034
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

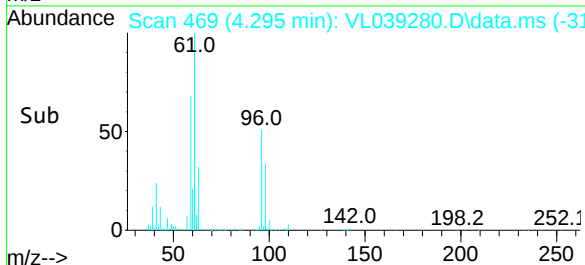
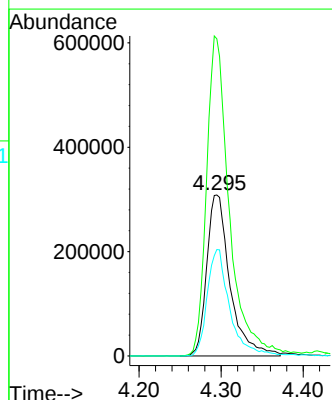
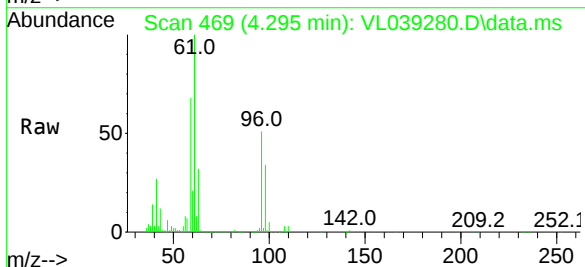
Manual Integrations
APPROVED

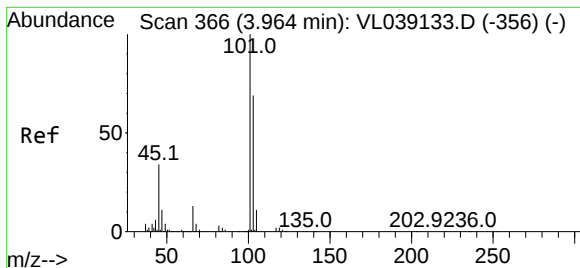
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#18
1,1-Dichloroethene
Concen: 10.216 ppbv
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

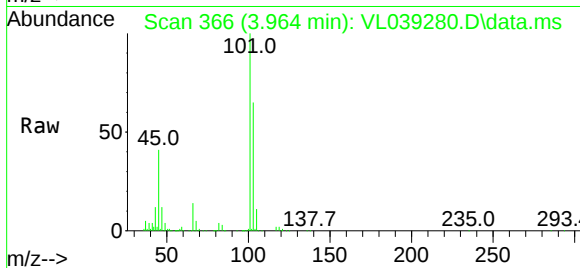
Tgt Ion: 96 Resp: 607789
Ion Ratio Lower Upper
96 100
61 197.0 138.4 207.6
98 66.1 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.991 ppbv
RT: 3.964 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

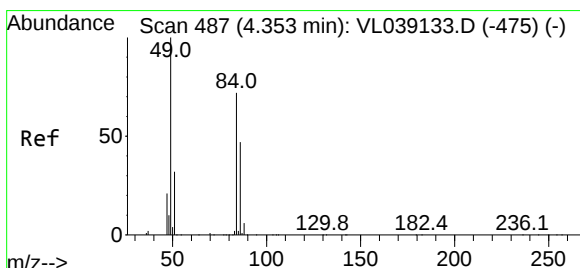
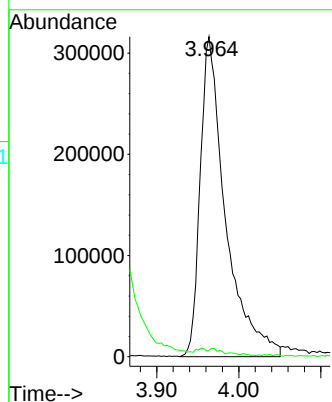
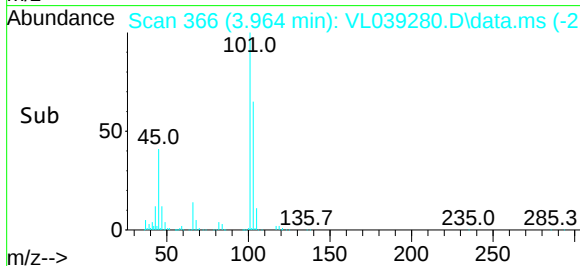
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



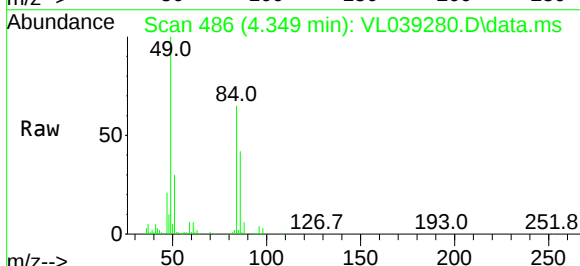
Tgt Ion: 45 Resp: 67736
Ion Ratio Lower Upper
45 100
58 2.5 1.8 2.8

Manual Integrations
APPROVED

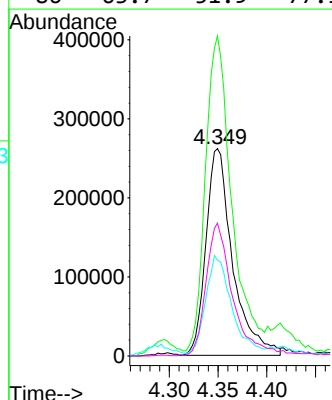
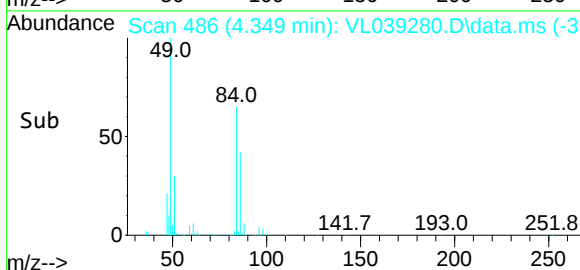
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

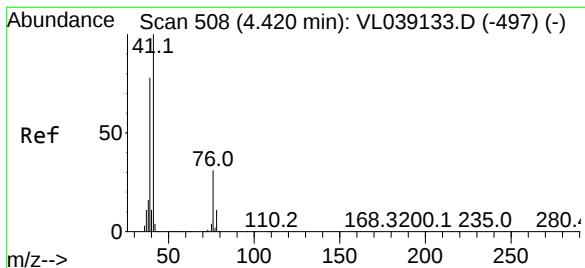


#20
Methylene Chloride
Concen: 9.019 ppbv
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



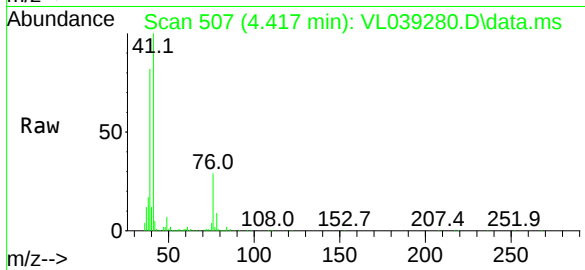
Tgt Ion: 84 Resp: 499407
Ion Ratio Lower Upper
84 100
49 151.4 111.1 166.7
51 44.4 35.3 52.9
86 63.7 51.9 77.9





#21
 Allyl Chloride
 Concen: 10.638 ppbv
 RT: 4.417 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

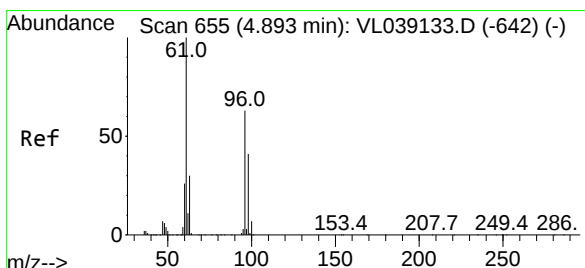
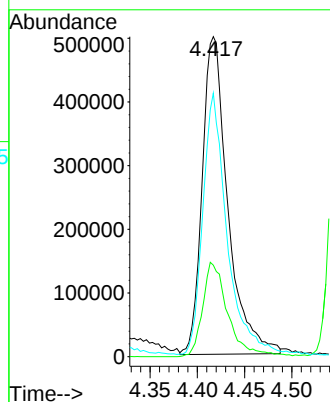
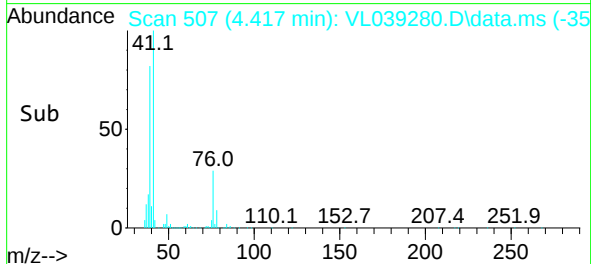
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 942939
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.2 36.2
 39 79.0 62.2 93.2

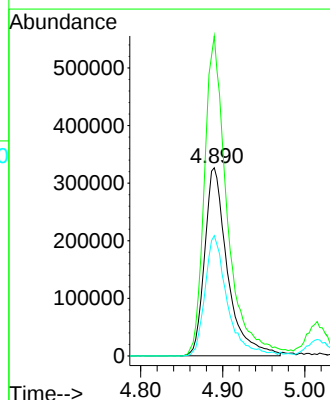
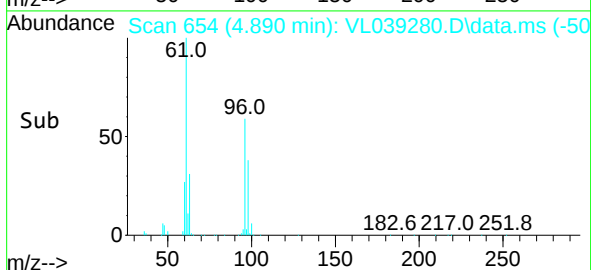
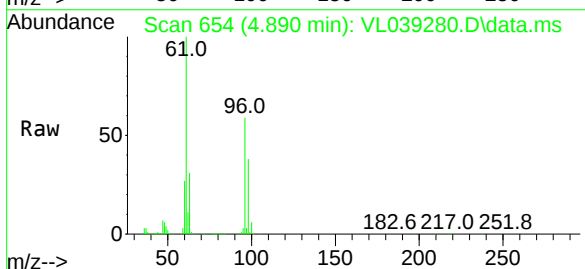
Manual Integrations
 APPROVED

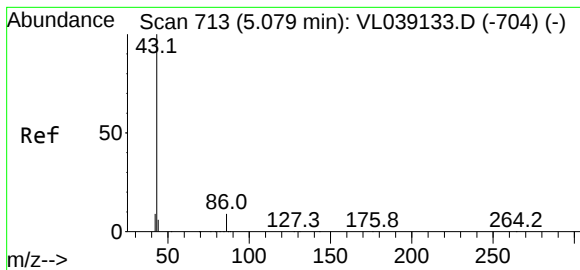
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.026 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

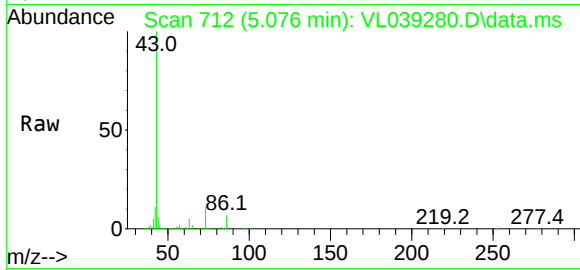
Tgt Ion: 96 Resp: 631150
 Ion Ratio Lower Upper
 96 100
 61 170.1 126.6 190.0
 98 64.0 52.5 78.7





#23
 Vinyl Acetate
 Concen: 9.280 ppbv
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010

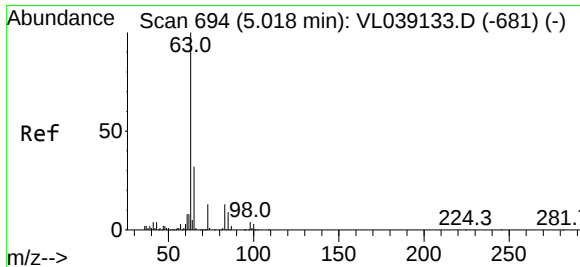
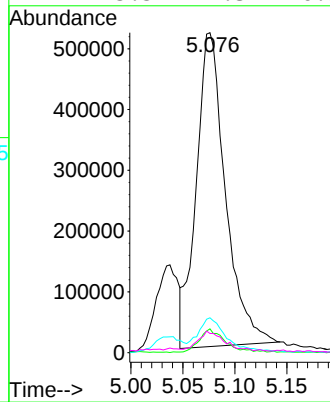
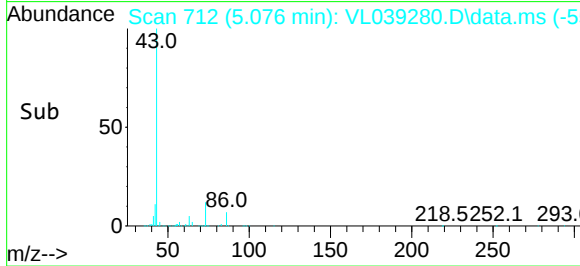


Tgt Ion: 43 Resp: 100879

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0
42	10.6	8.2	12.4
44	5.5	4.3	6.5

Manual Integrations
 APPROVED

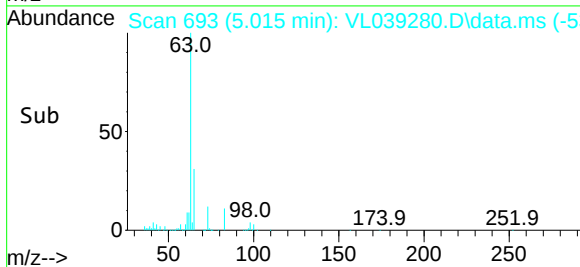
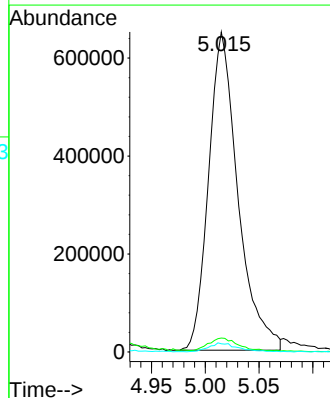
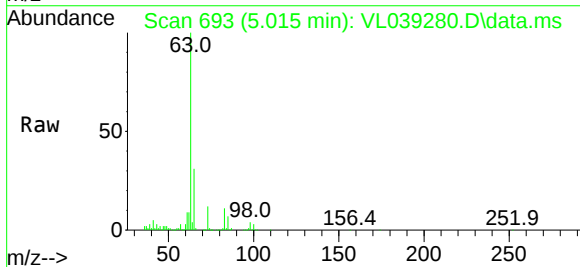
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

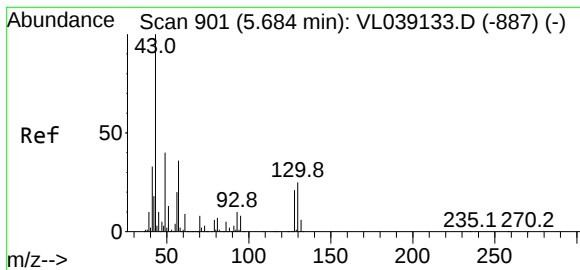


#24
 1,1-Dichloroethane
 Concen: 8.285 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Tgt Ion: 63 Resp: 1234070

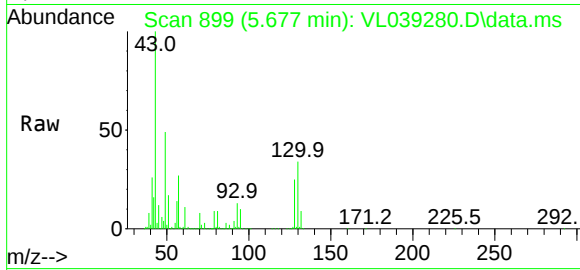
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.5	1.5	4.5





#25
Ethyl Acetate
Concen: 9.156 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

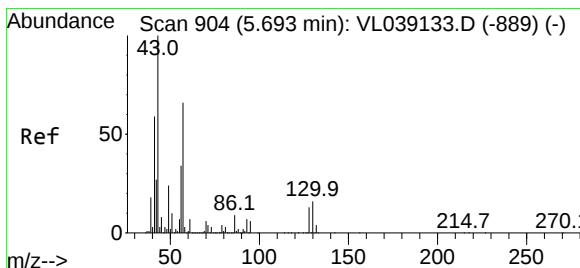
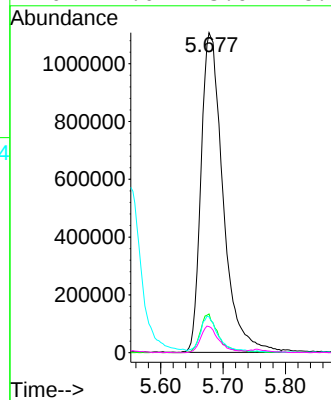
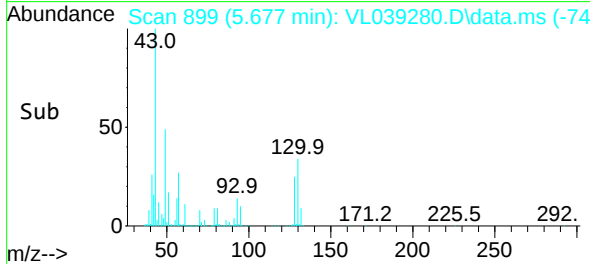
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



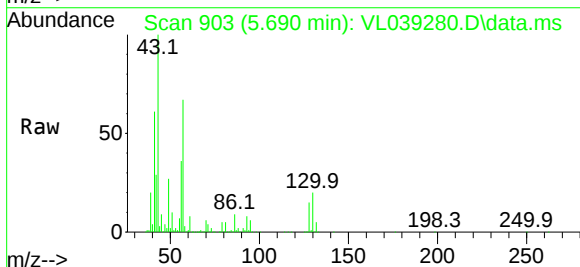
Tgt Ion: 43 Resp: 271136
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.8 8.4 12.6
70 7.0 5.6 8.4

Manual Integrations
APPROVED

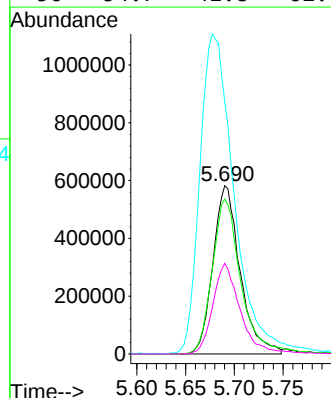
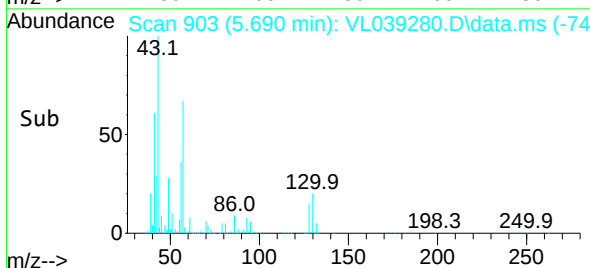
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

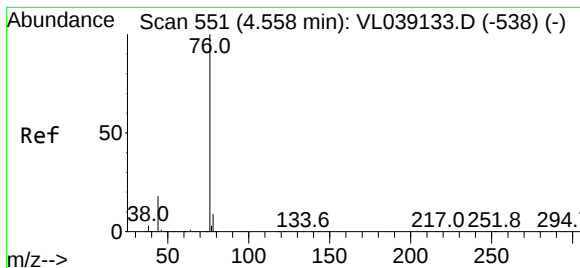


#26
Hexane
Concen: 8.684 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



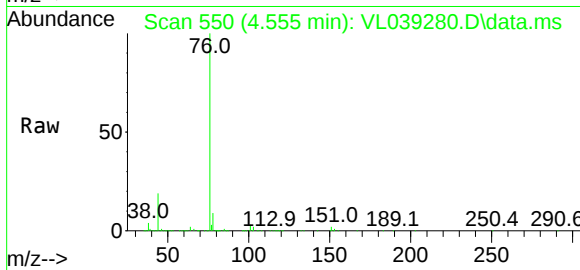
Tgt Ion: 57 Resp: 1130125
Ion Ratio Lower Upper
57 100
41 97.9 72.4 108.6
43 241.2 187.0 280.6
56 54.7 41.8 62.6





#27
Carbon Disulfide
Concen: 10.642 ppbv
RT: 4.555 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

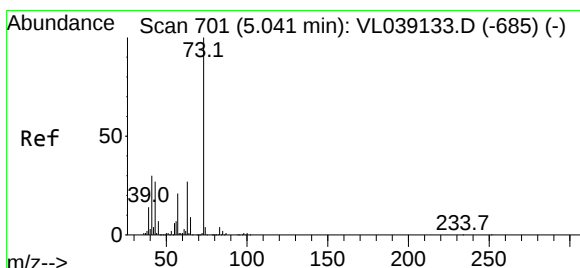
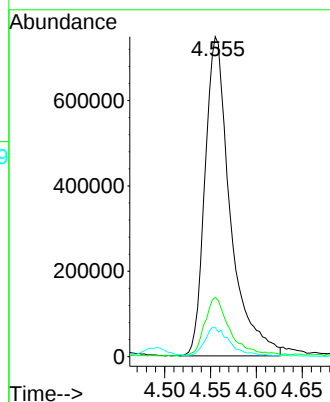
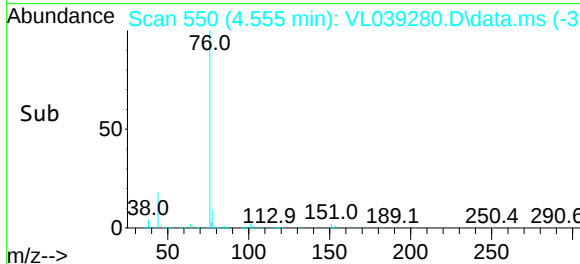
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1435370
Ion Ratio Lower Upper
76 100
44 18.8 14.4 21.6
78 10.2 7.7 11.5

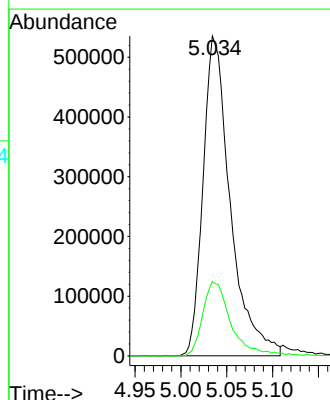
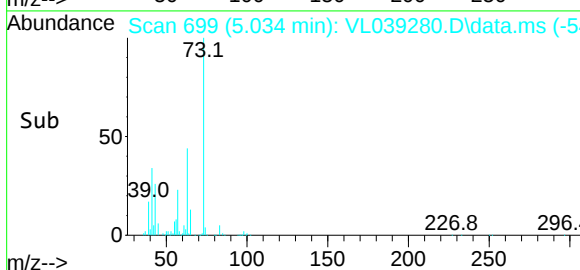
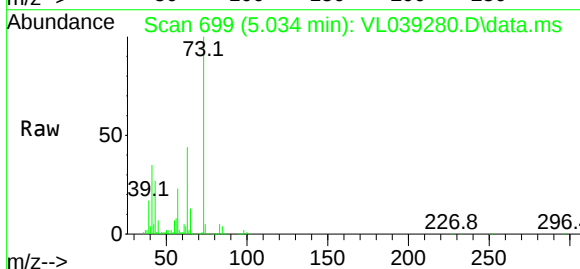
Manual Integrations
APPROVED

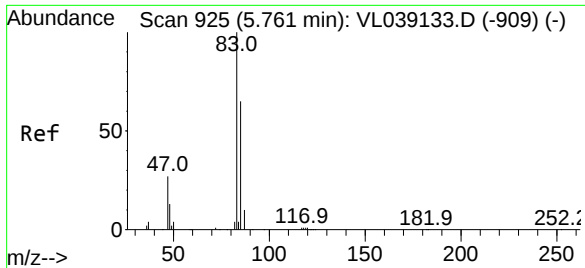
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#28
Methyl tert-Butyl Ether
Concen: 7.706 ppbv
RT: 5.034 min Scan# 699
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion: 73 Resp: 1107119
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8





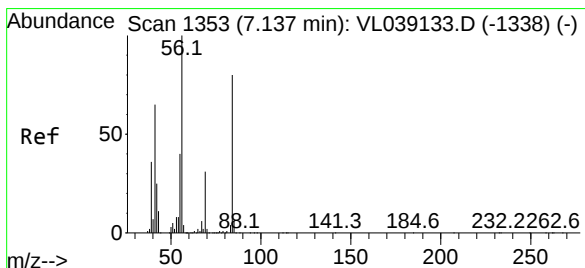
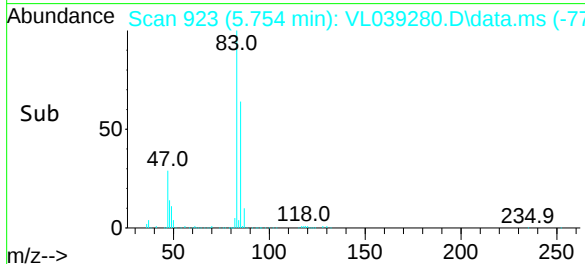
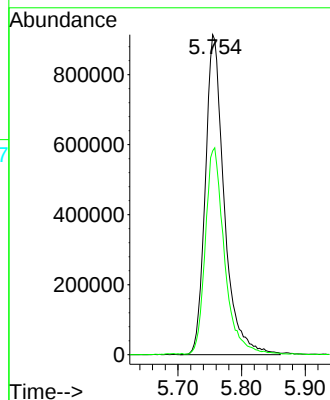
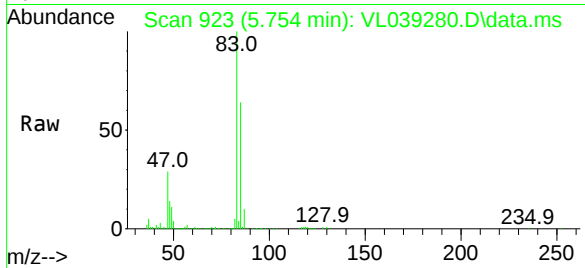
#29
Chloroform
Concen: 8.629 ppbv
RT: 5.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 188961
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

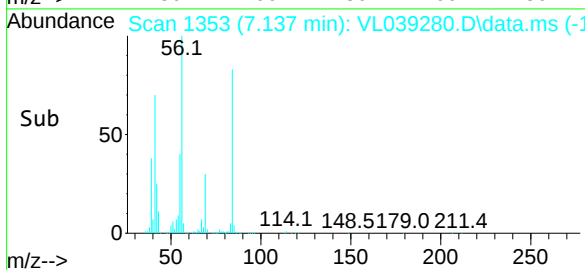
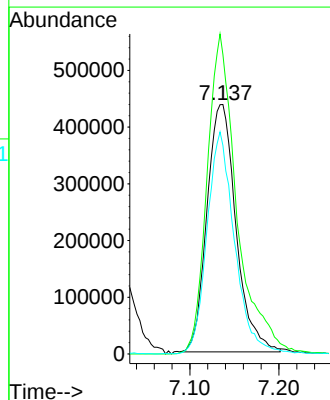
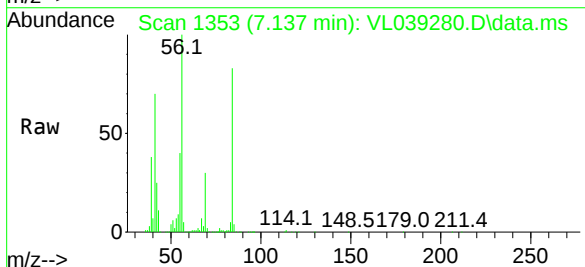
Manual Integrations
APPROVED

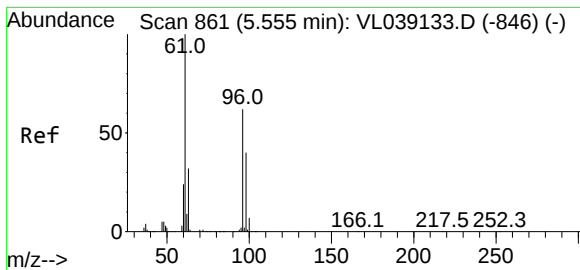
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#30
Cyclohexane
Concen: 9.037 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

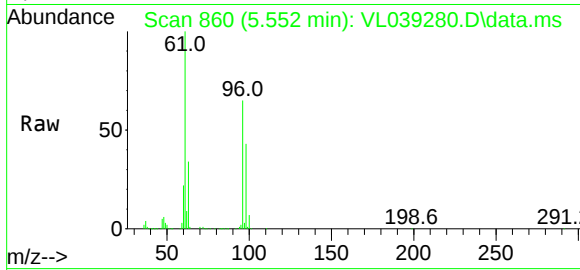
Tgt Ion: 84 Resp: 987974
Ion Ratio Lower Upper
84 100
56 133.5 110.6 165.8
41 86.0 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 8.744 ppbv
 RT: 5.552 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

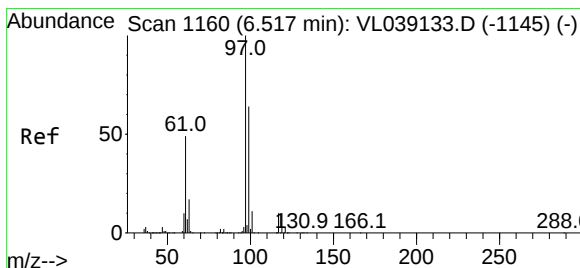
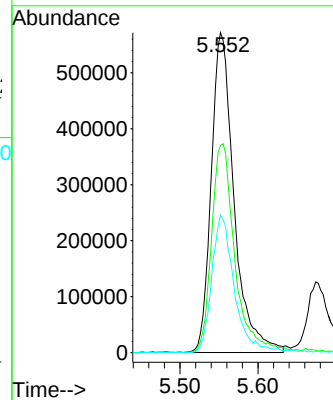
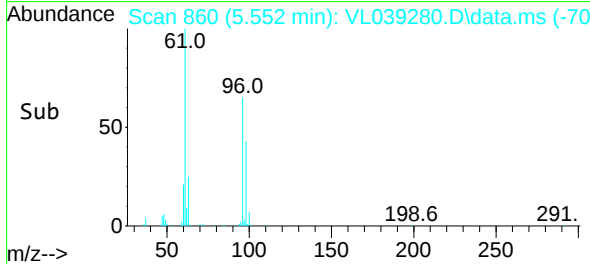
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



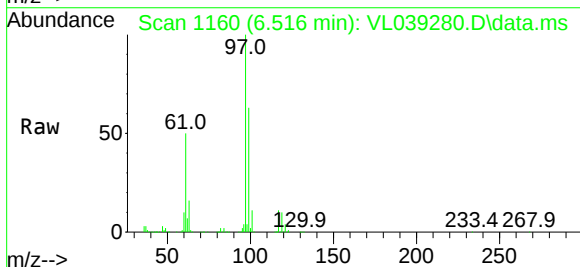
Tgt Ion: 61 Resp: 116030
 Ion Ratio Lower Upper
 61 100
 96 64.8 49.9 74.9
 98 42.9 32.0 48.0

Manual Integrations
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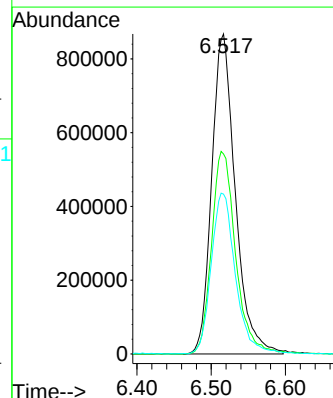
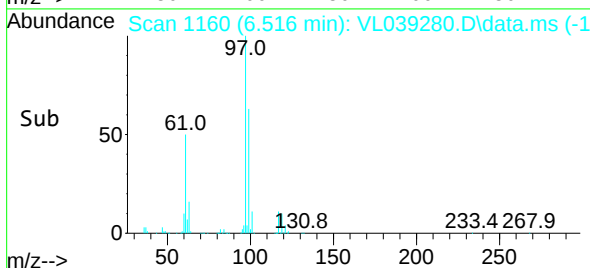
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

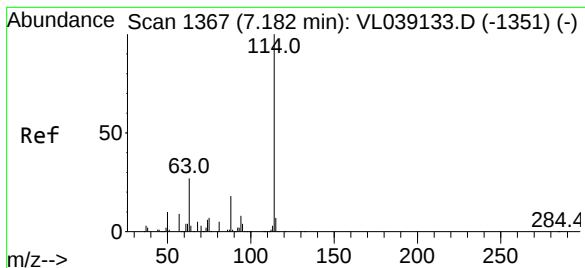


#32
 1,1,1-Trichloroethane
 Concen: 8.923 ppbv
 RT: 6.516 min Scan# 1160
 Delta R.T. -0.000 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18



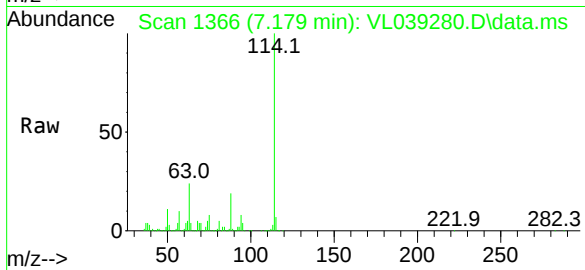
Tgt Ion: 97 Resp: 1912109
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.1 78.1
 61 52.2 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

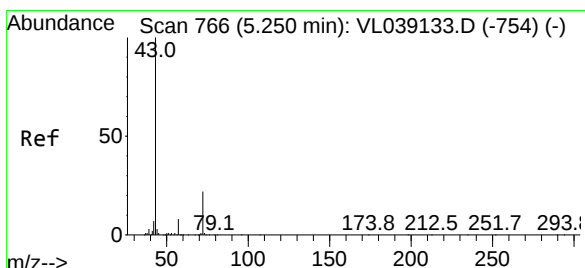
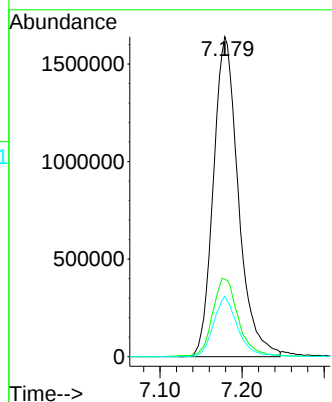
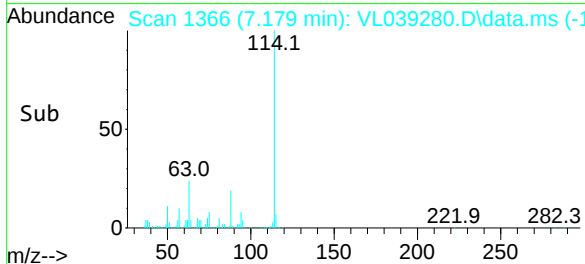
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3473240
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.2 14.8 22.2

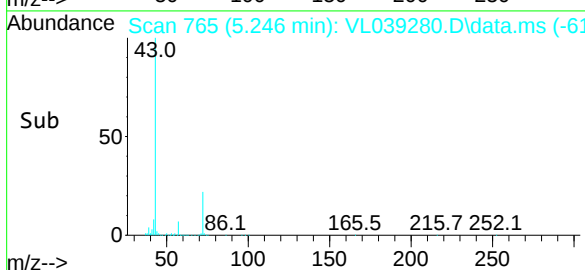
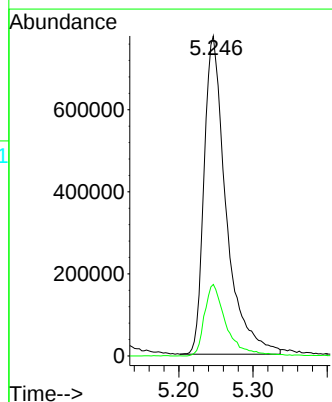
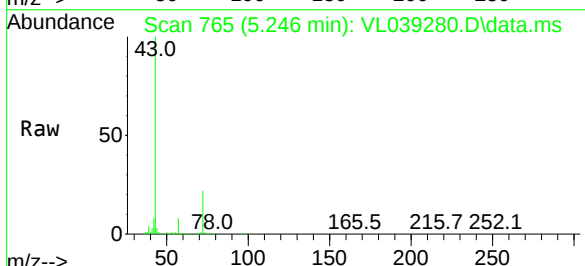
Manual Integrations
APPROVED

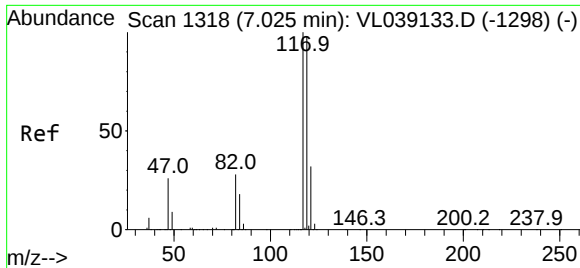
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#34
2-Butanone
Concen: 8.474 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

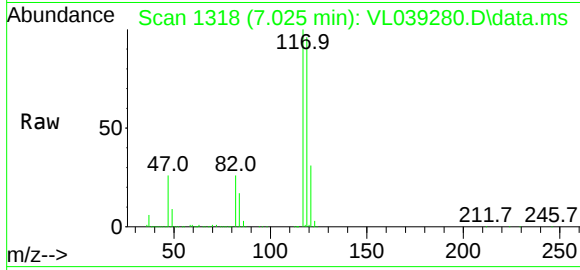
Tgt Ion: 43 Resp: 1598990
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.152 ppbv
RT: 7.025 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

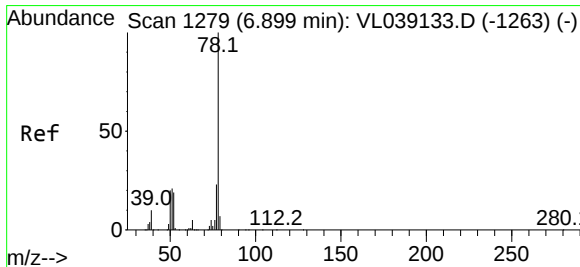
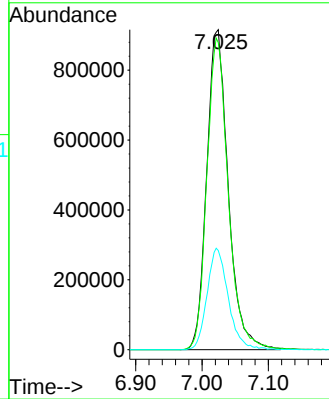
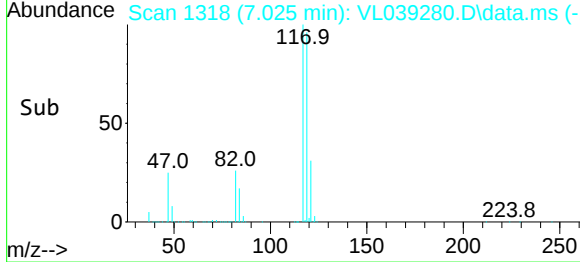
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



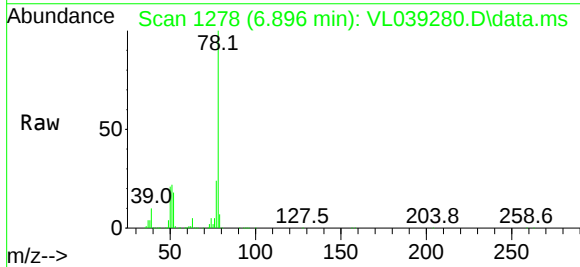
Tgt Ion: 117 Resp: 206648
Ion Ratio Lower Upper
117 100
119 96.0 78.6 118.0
121 31.0 25.4 38.0

Manual Integrations
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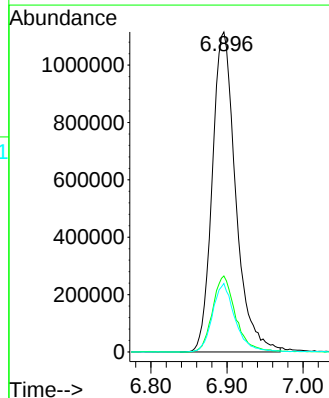
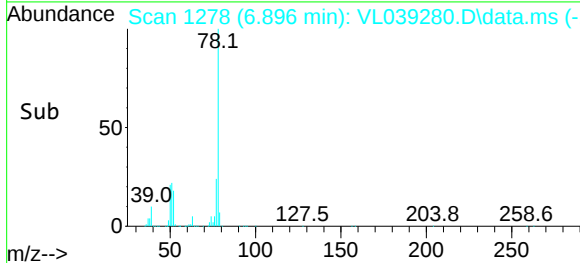
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

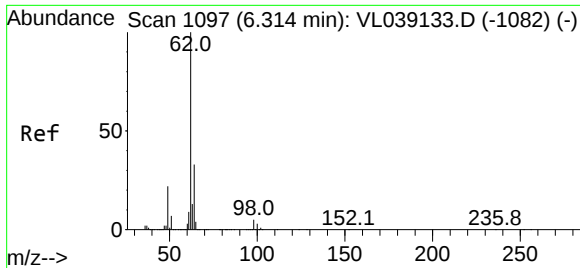


#36
Benzene
Concen: 8.465 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



Tgt Ion: 78 Resp: 2386967
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
50 21.4 15.8 23.8





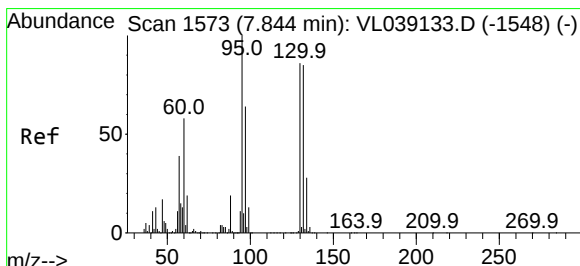
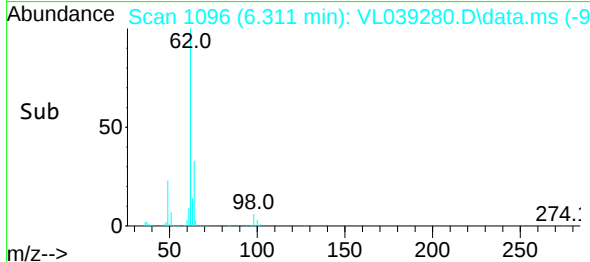
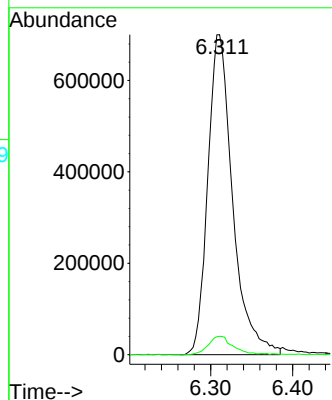
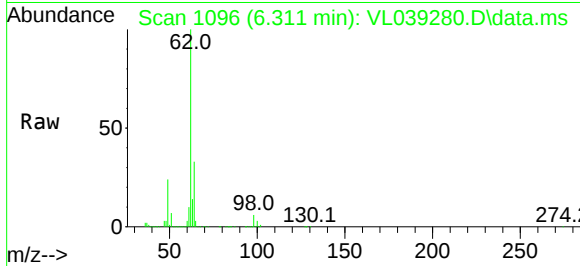
#37
1,2-Dichloroethane
Concen: 7.942 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 147382
Ion Ratio Lower Upper
62 100
98 5.9 4.3 6.5

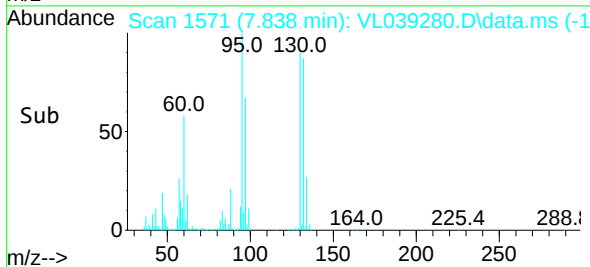
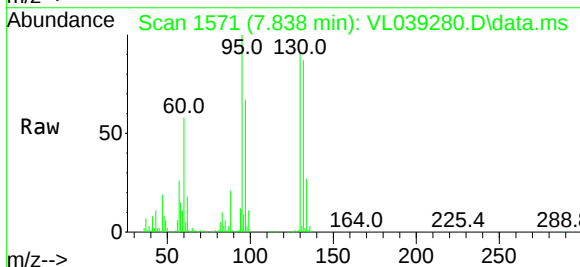
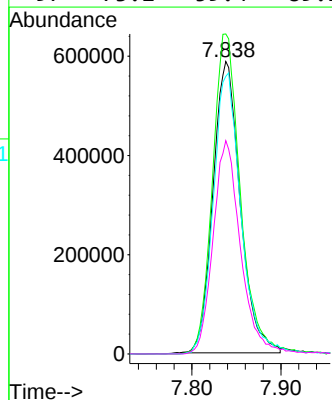
Manual Integrations
APPROVED

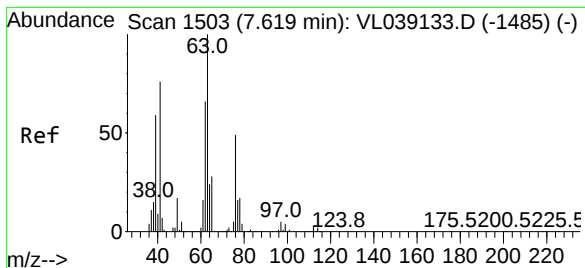
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#38
Trichloroethene
Concen: 9.641 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

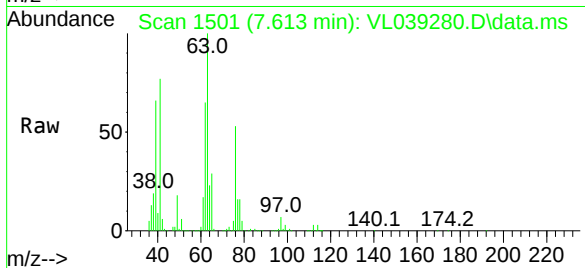
Tgt Ion:130 Resp: 1248631
Ion Ratio Lower Upper
130 100
95 109.9 93.3 139.9
132 95.3 79.0 118.4
97 73.2 59.4 89.2





#39
1,2-Dichloropropane
Concen: 7.913 ppbv
RT: 7.613 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

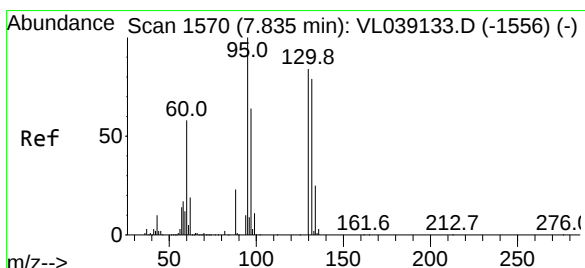
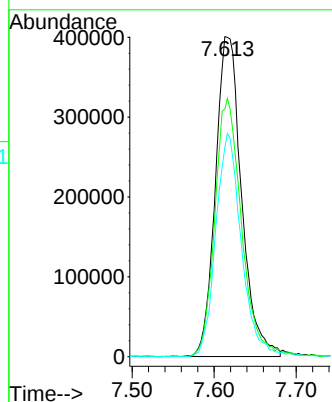
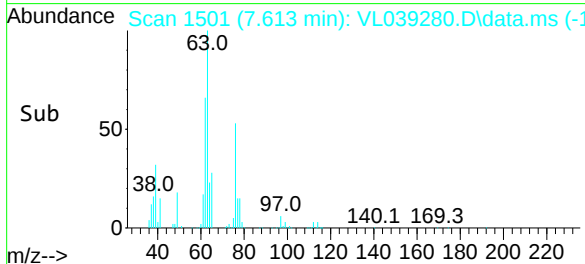
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



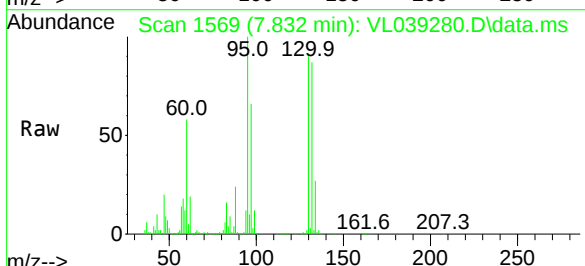
Tgt Ion: 63 Resp: 887510
Ion Ratio Lower Upper
63 100
41 77.3 60.8 91.2
62 65.5 52.9 79.3

Manual Integrations
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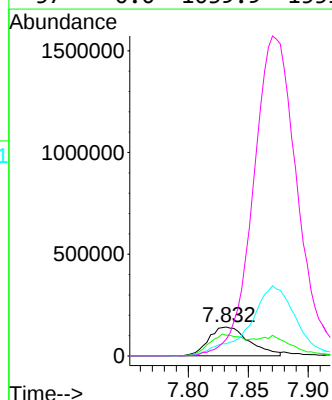
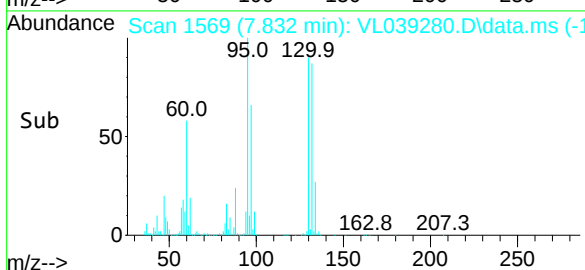
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

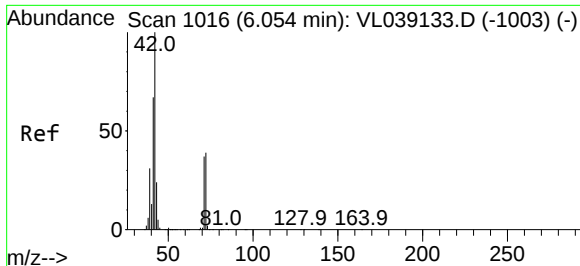


#40
1,4-Dioxane
Concen: 8.944 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



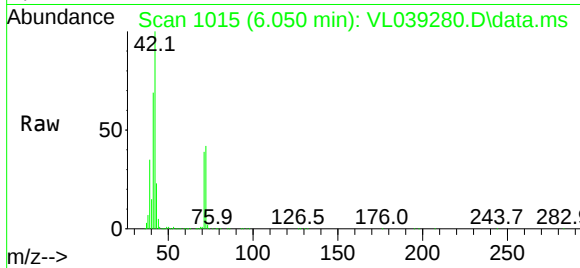
Tgt Ion: 88 Resp: 330250
Ion Ratio Lower Upper
88 100
58 66.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 8.039 ppbv
RT: 6.050 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

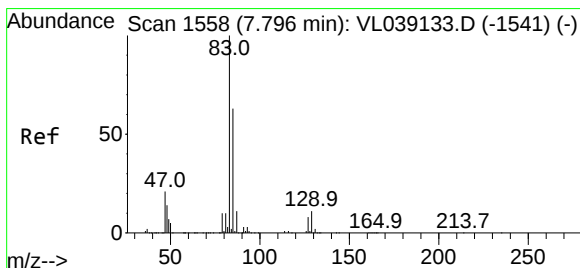
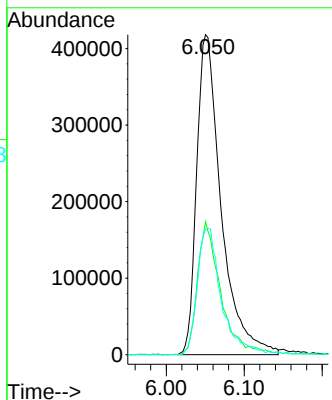
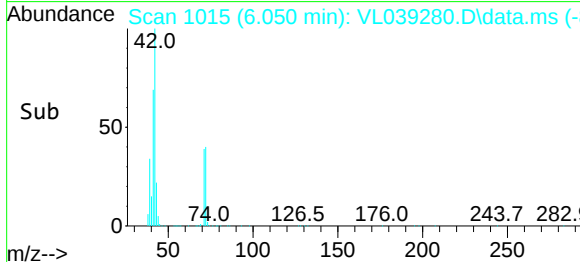
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 912300
Ion Ratio Lower Upper
42 100
72 40.0 32.0 48.0
71 39.5 31.1 46.7

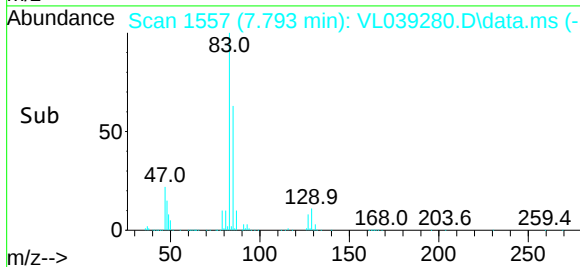
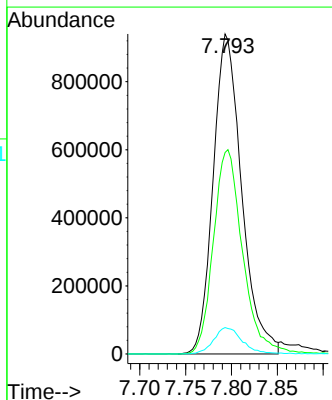
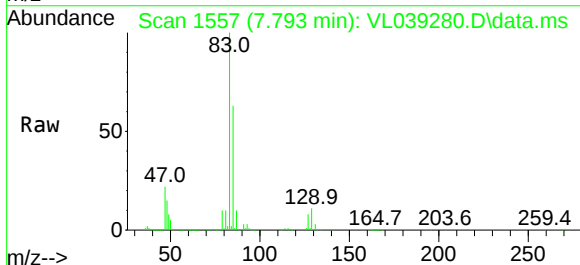
Manual Integrations
APPROVED

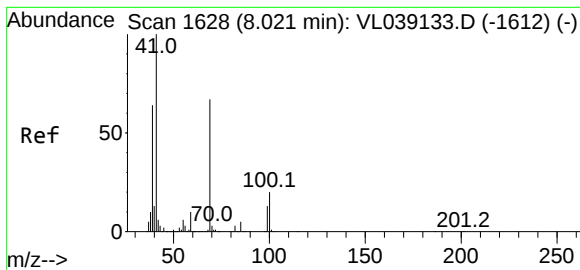
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#42
Bromodichloromethane
Concen: 7.880 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

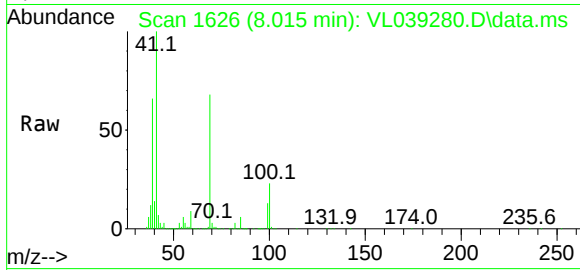
Tgt Ion: 83 Resp: 2029506
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 8.664 ppbv
RT: 8.015 min Scan# 1626
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

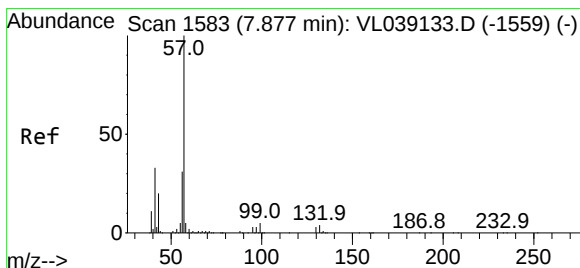
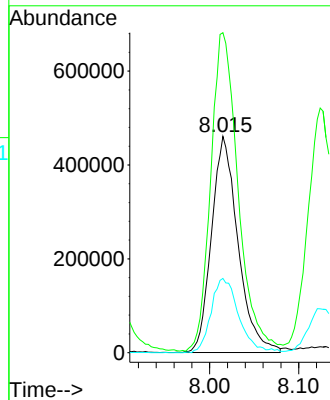
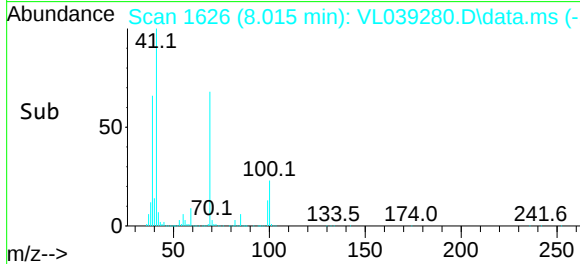
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



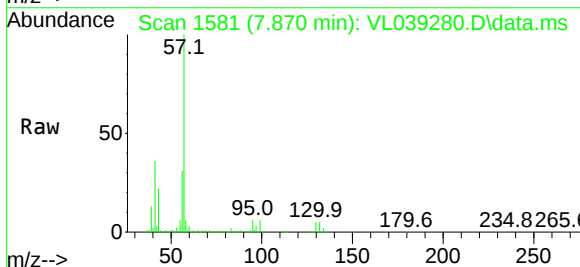
Tgt Ion: 69 Resp: 951662
Ion Ratio Lower Upper
69 100
41 153.3 121.9 182.9
100 36.0 24.1 36.1

Manual Integrations
APPROVED

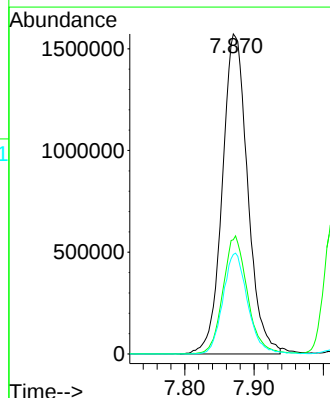
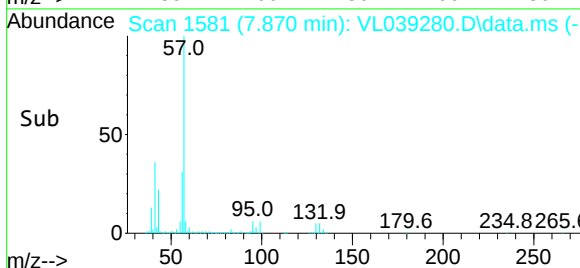
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

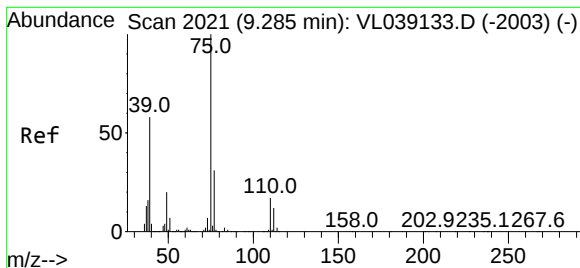


#44
2,2,4-Trimethylpentane
Concen: 8.111 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



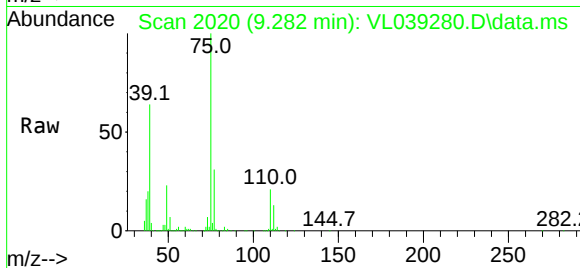
Tgt Ion: 57 Resp: 4001054
Ion Ratio Lower Upper
57 100
41 35.5 26.2 39.4
56 30.7 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 8.376 ppbv
RT: 9.282 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

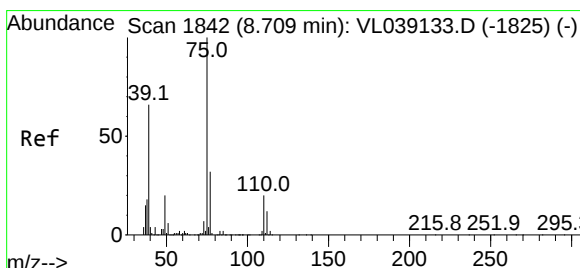
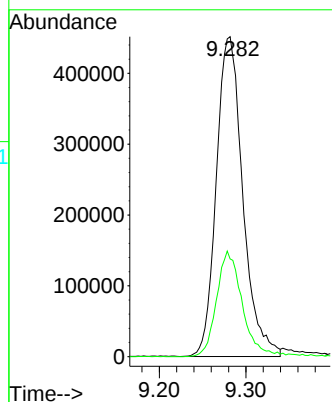
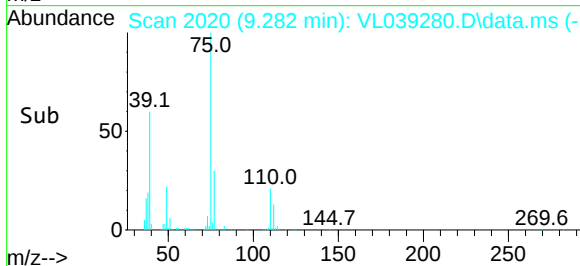
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



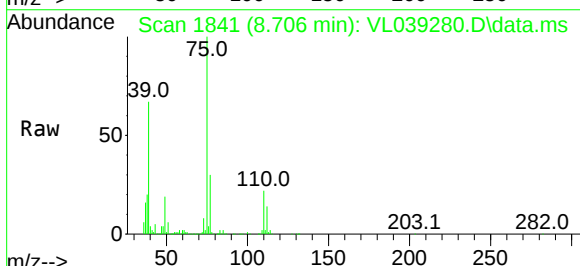
Tgt Ion: 75 Resp: 95816
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6

Manual Integrations
APPROVED

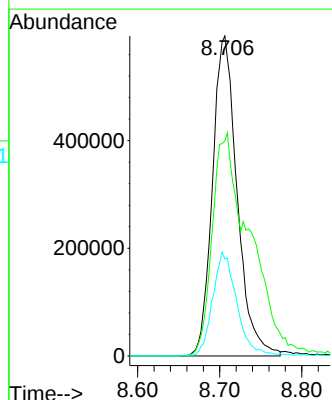
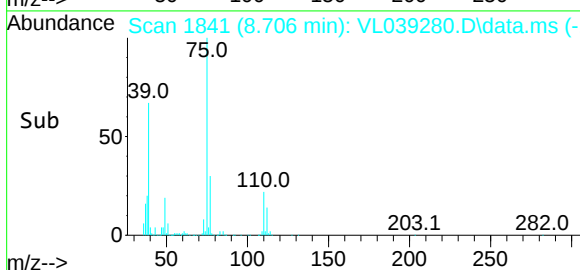
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

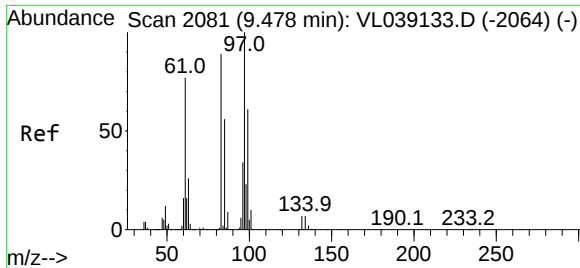


#46
cis-1,3-Dichloropropene
Concen: 8.203 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



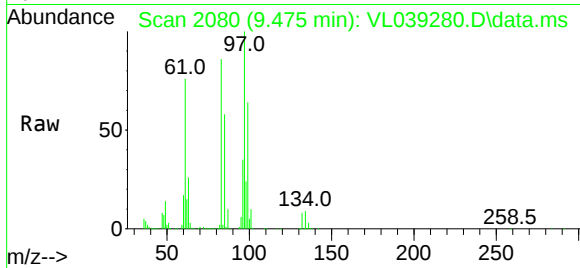
Tgt Ion: 75 Resp: 1239505
Ion Ratio Lower Upper
75 100
39 67.2 52.4 78.6
77 30.3 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 8.570 ppbv
RT: 9.475 min Scan# 2081
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

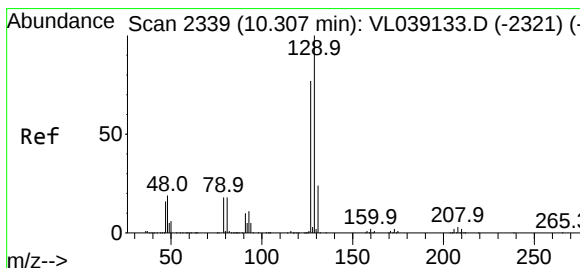
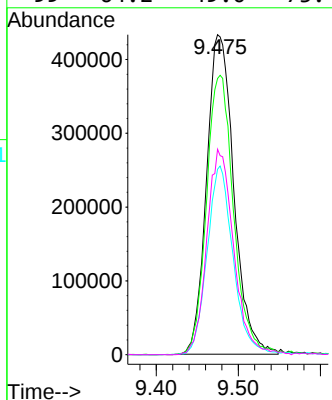
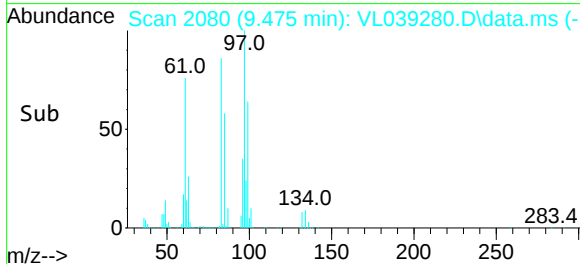
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



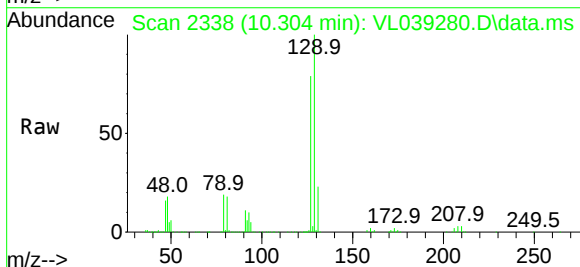
Tgt Ion: 97 Resp: 1002804
Ion Ratio Lower Upper
97 100
83 86.3 71.6 107.4
85 58.0 44.8 67.2
99 64.2 49.0 73.4

Manual Integrations
APPROVED

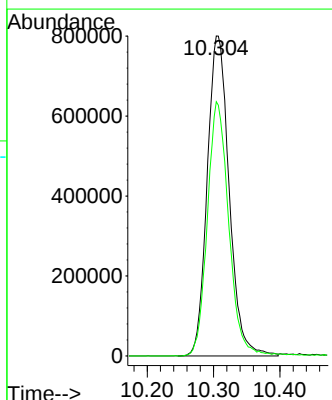
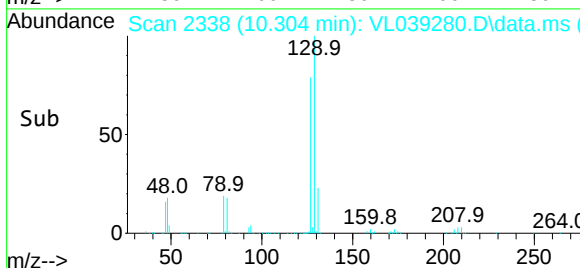
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

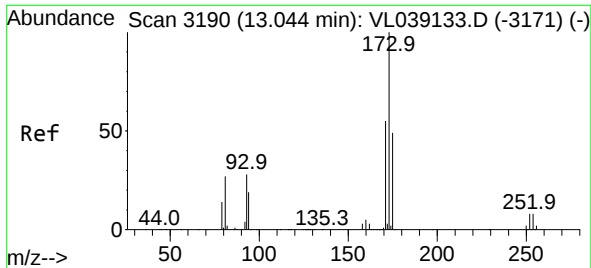


#48
Dibromochloromethane
Concen: 8.801 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



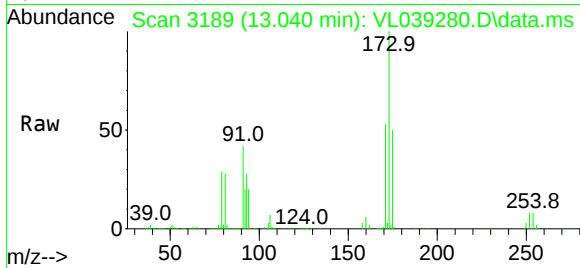
Tgt Ion:129 Resp: 1838795
Ion Ratio Lower Upper
129 100
127 77.9 40.0 119.9





#49
Bromoform
Concen: 8.753 ppbv
RT: 13.040 min Scan# 3190
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

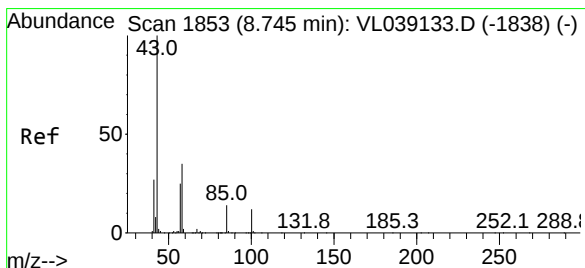
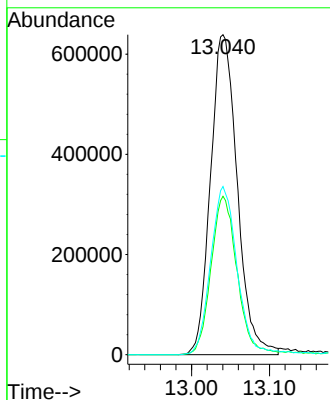
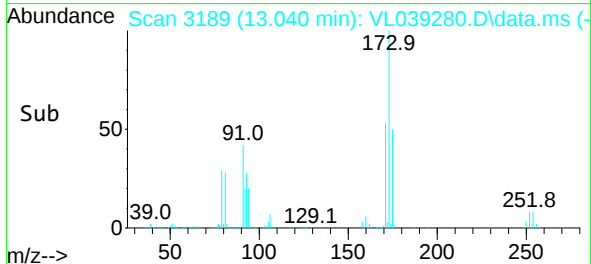
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



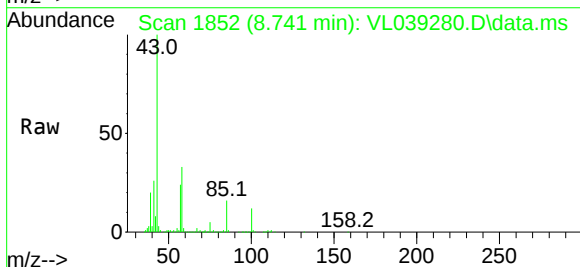
Tgt Ion:173 Resp: 1524004
Ion Ratio Lower Upper
173 100
175 49.4 40.2 60.2
171 52.6 43.9 65.9

Manual Integrations
APPROVED

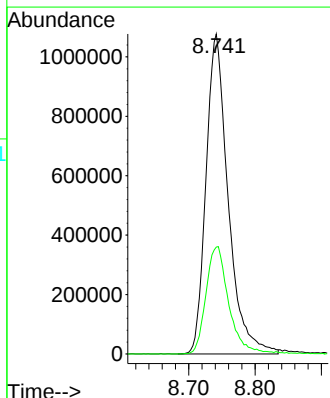
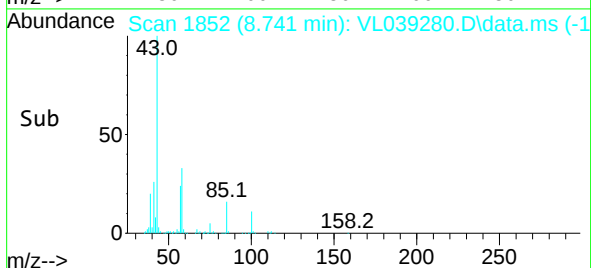
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

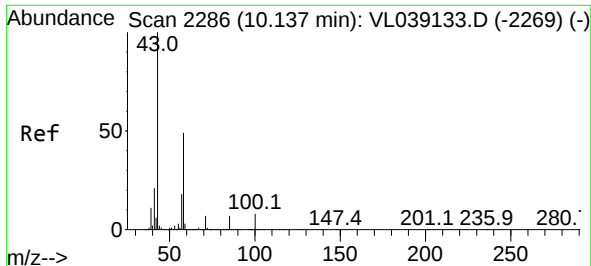


#50
4-Methyl-2-Pentanone
Concen: 8.847 ppbv
RT: 8.741 min Scan# 1852
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



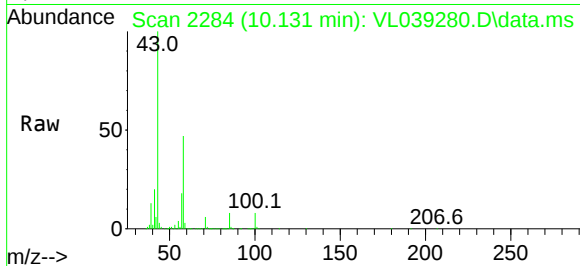
Tgt Ion: 43 Resp: 2498714
Ion Ratio Lower Upper
43 100
58 35.0 28.7 43.1





#51
2-Hexanone
Concen: 8.679 ppbv
RT: 10.131 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

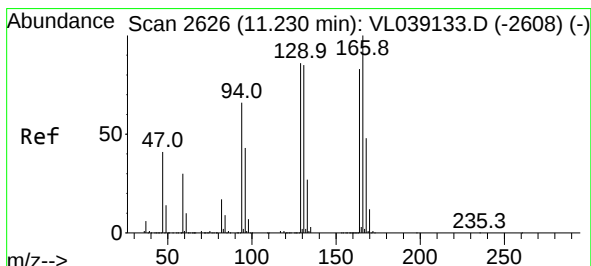
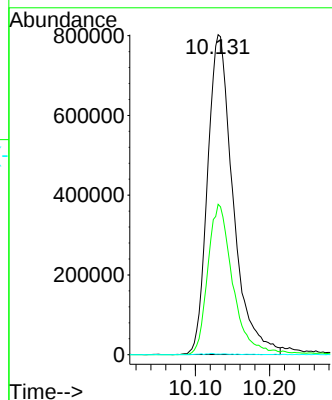
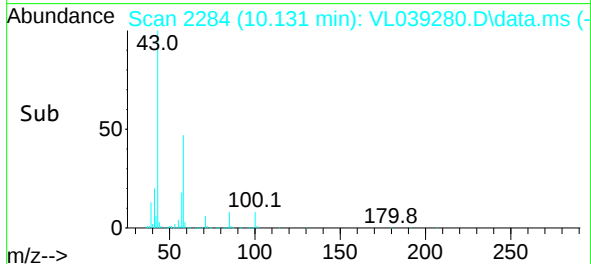
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



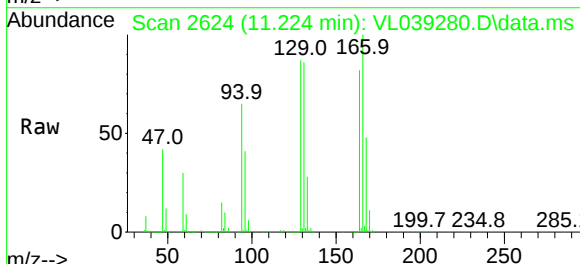
Tgt Ion: 43 Resp: 190753
Ion Ratio Lower Upper
43 100
58 47.0 40.0 60.0
98 0.4 0.1 0.1

Manual Integrations
APPROVED

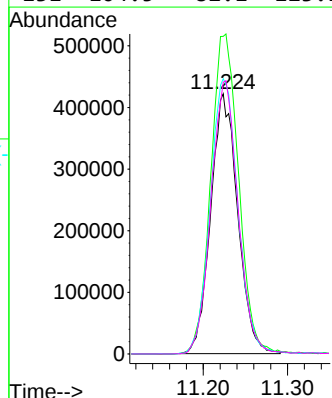
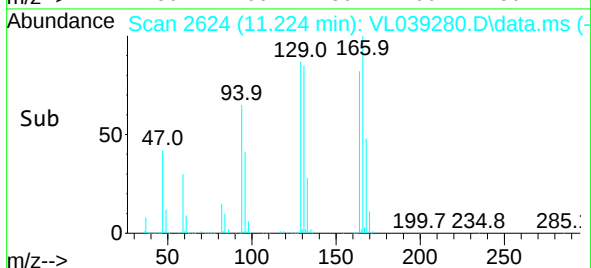
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

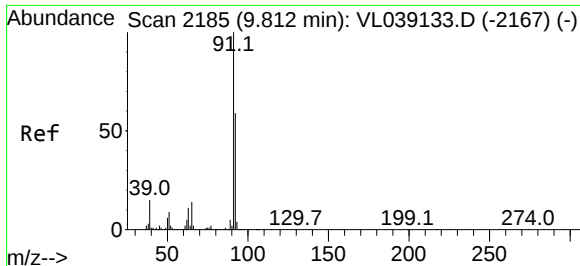


#52
Tetrachloroethene
Concen: 8.503 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



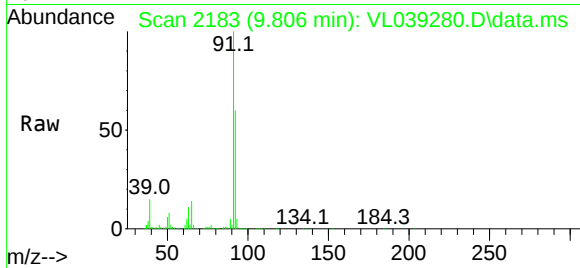
Tgt Ion:164 Resp: 936176
Ion Ratio Lower Upper
164 100
166 122.0 96.3 144.5
129 105.6 82.5 123.7
131 104.5 82.1 123.1





#53
Toluene
Concen: 8.894 ppbv
RT: 9.806 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

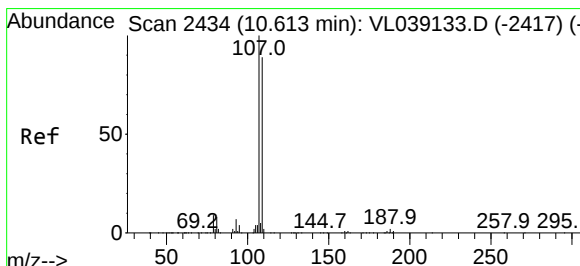
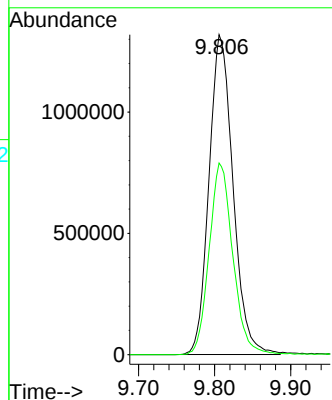
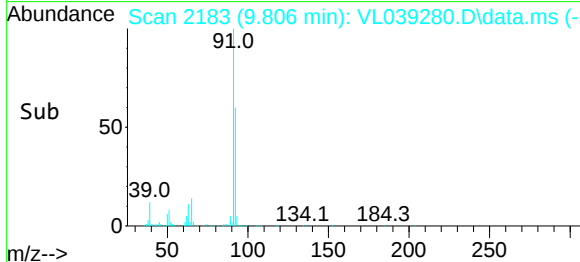
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



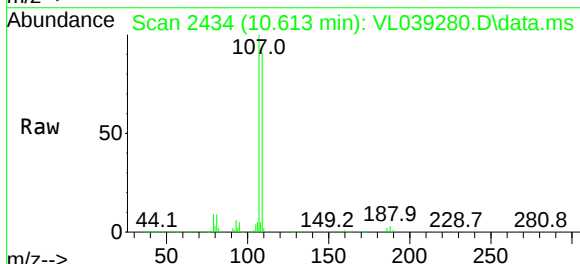
Tgt Ion: 91 Resp: 2887944
Ion Ratio Lower Upper
91 100
92 59.3 48.1 72.1

Manual Integrations
APPROVED

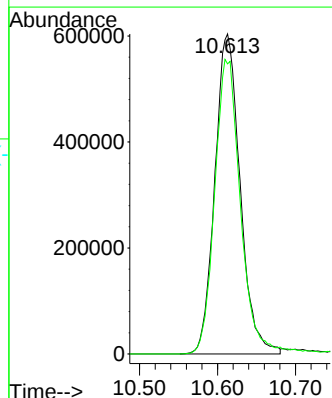
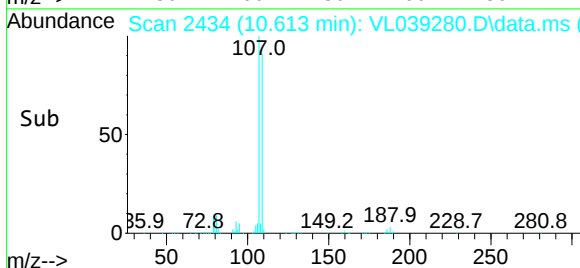
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

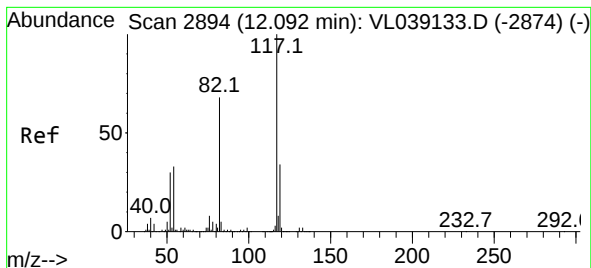


#54
1,2-Dibromoethane
Concen: 8.659 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



Tgt Ion:107 Resp: 1361468
Ion Ratio Lower Upper
107 100
109 90.7 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.085 min Scan# 2894

Delta R.T. -0.006 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 341012

Ion Ratio Lower Upper

117 100

82 63.6 55.1 82.7

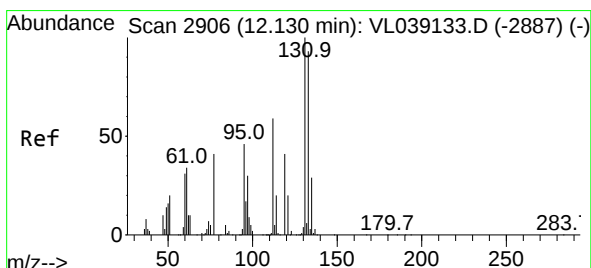
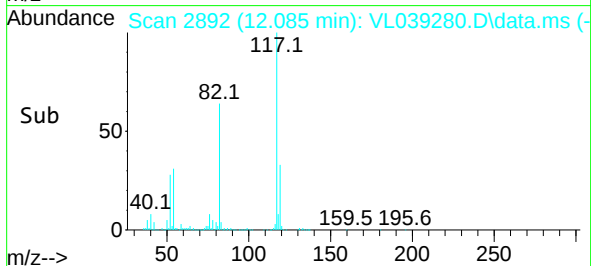
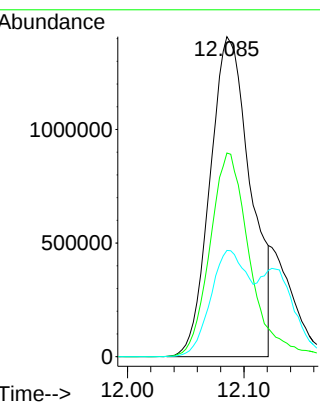
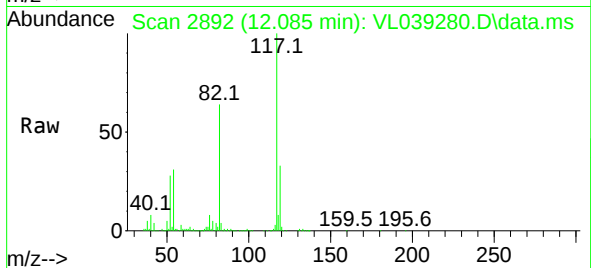
119 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.224 ppbv

RT: 12.127 min Scan# 2905

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

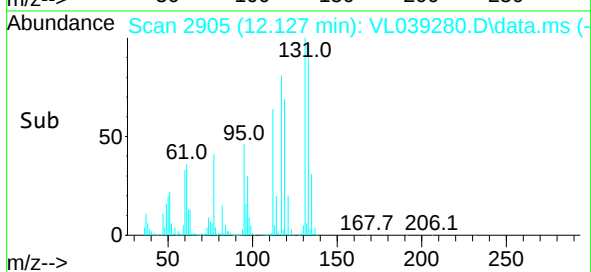
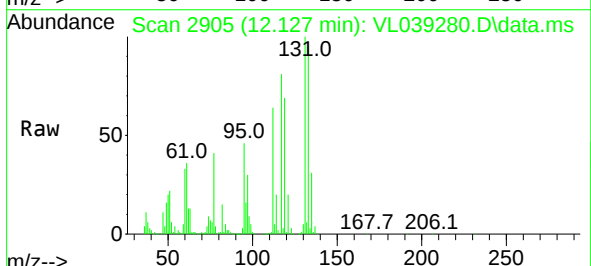
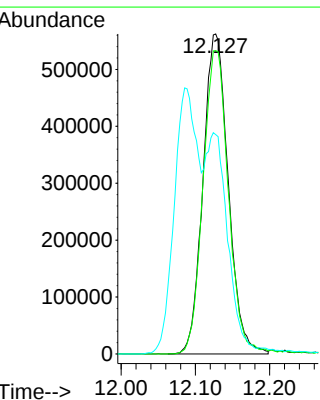
Tgt Ion:131 Resp: 1326960

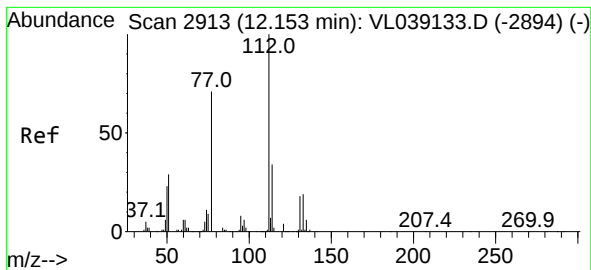
Ion Ratio Lower Upper

131 100

133 96.5 78.6 117.8

119 65.1 51.7 77.5





#57

Chlorobenzene

Concen: 8.565 ppbv

RT: 12.150 min Scan# 2912

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2197610

Ion Ratio Lower Upper

112 100

77 64.0 56.5 84.7

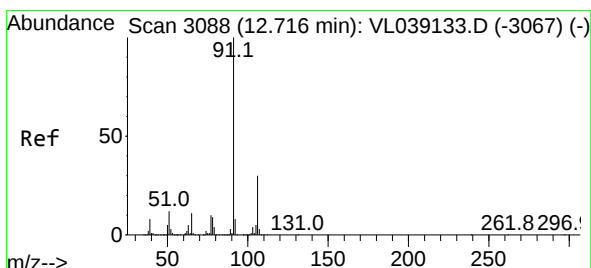
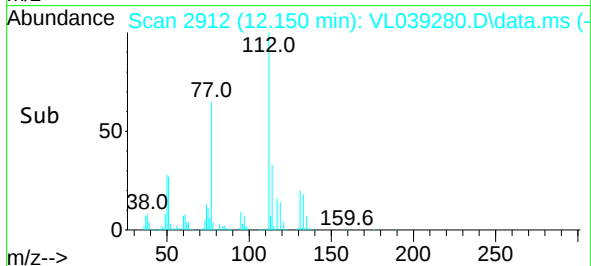
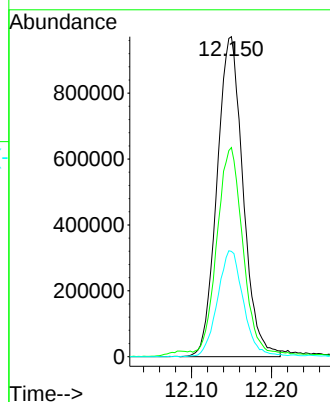
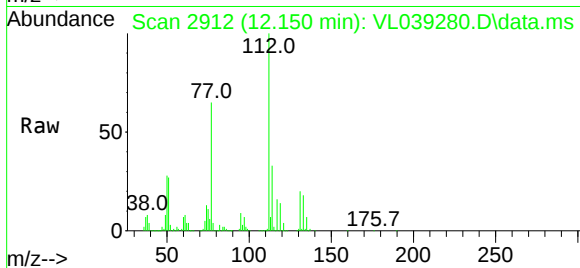
114 32.9 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#58

Ethyl Benzene

Concen: 8.332 ppbv

RT: 12.709 min Scan# 3086

Delta R.T. -0.006 min

Lab File: VL039280.D

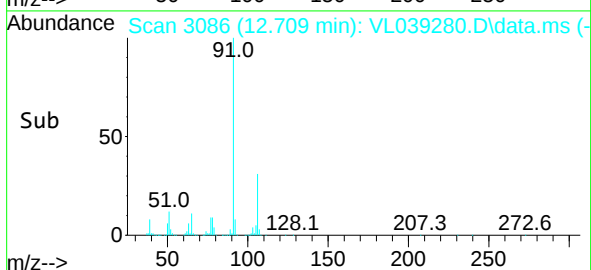
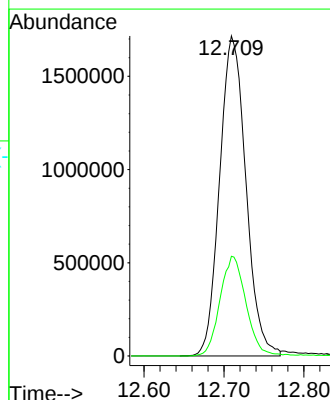
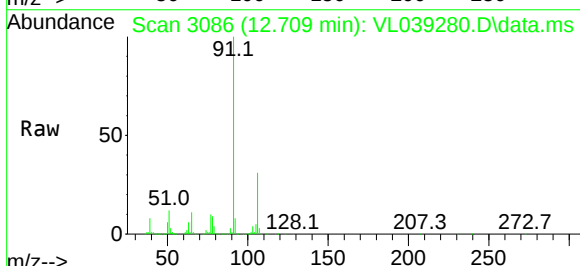
Acq: 14 Jun 2022 13:18

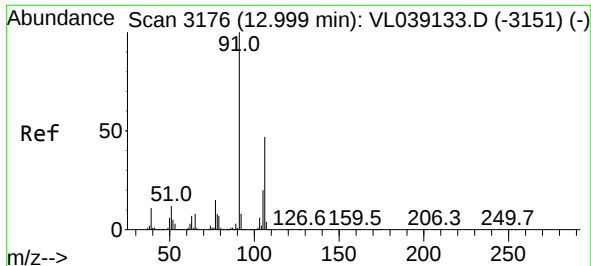
Tgt Ion: 91 Resp: 3913725

Ion Ratio Lower Upper

91 100

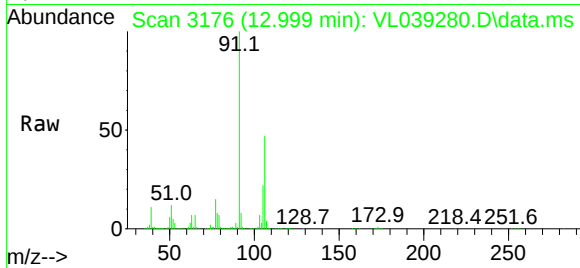
106 31.2 24.2 36.4





#59
m/p-Xylene
Concen: 16.310 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

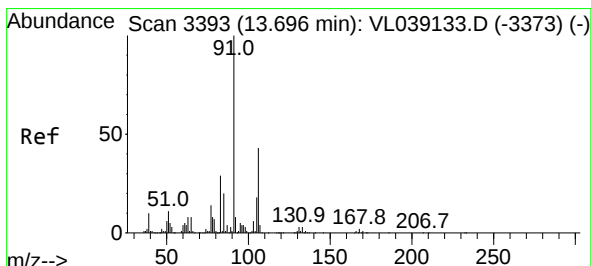
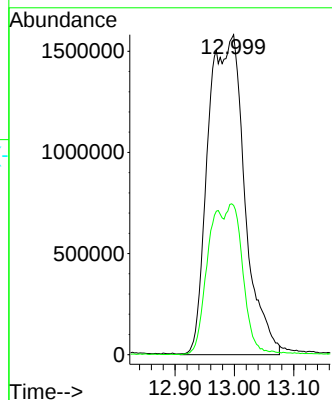
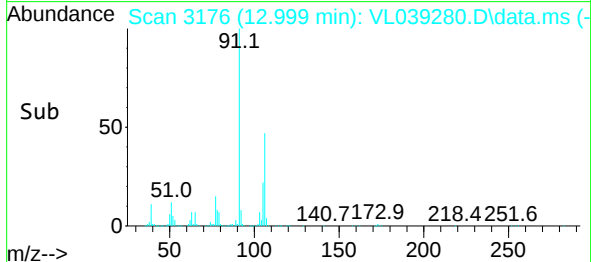
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



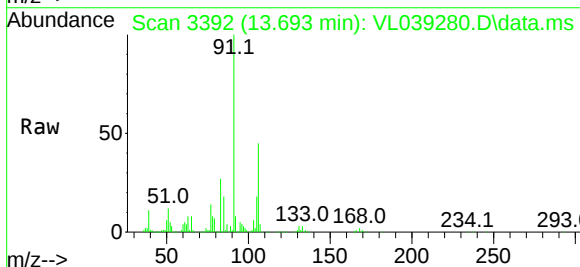
Tgt Ion: 91 Resp: 674677
Ion Ratio Lower Upper
91 100
106 44.8 34.3 51.5

Manual Integrations
APPROVED

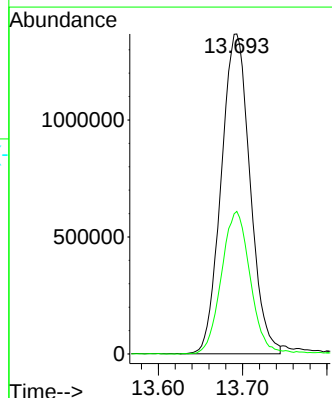
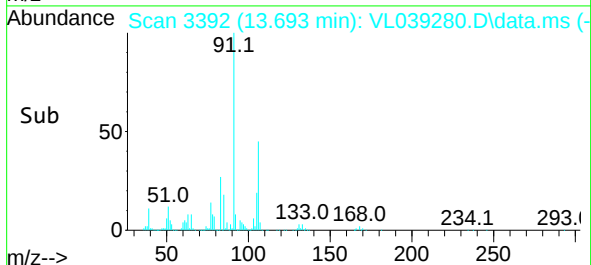
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

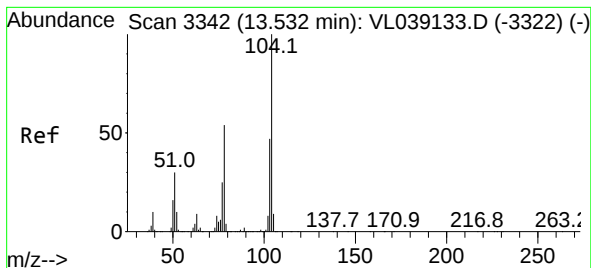


#60
o-Xylene
Concen: 8.355 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



Tgt Ion: 91 Resp: 3247387
Ion Ratio Lower Upper
91 100
106 45.5 22.3 66.9





#61

Styrene

Concen: 9.169 ppbv

RT: 13.529 min Scan# 3342

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

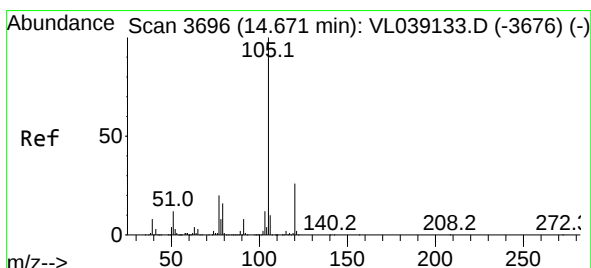
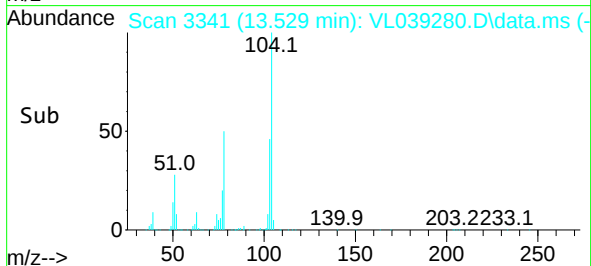
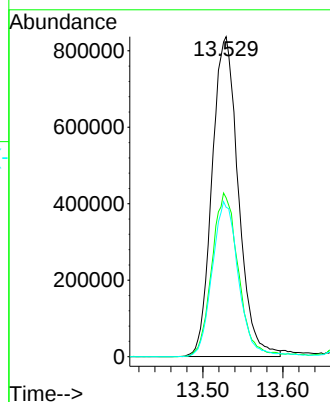
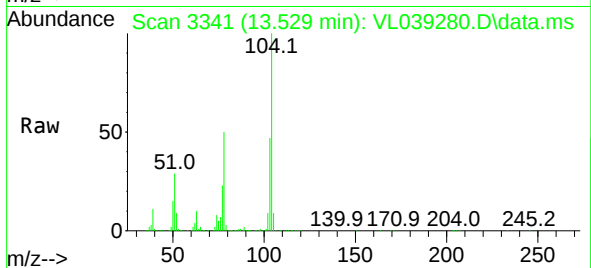
Tgt Ion:104 Resp: 1908479

Ion	Ratio	Lower	Upper
104	100		
78	52.3	45.7	68.5
103	49.0	39.6	59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#62

Isopropylbenzene

Concen: 8.424 ppbv

RT: 14.667 min Scan# 3695

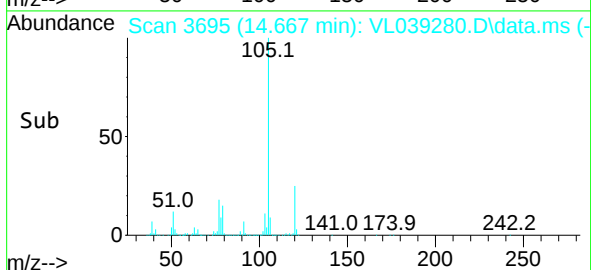
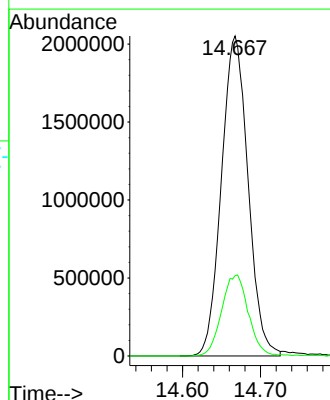
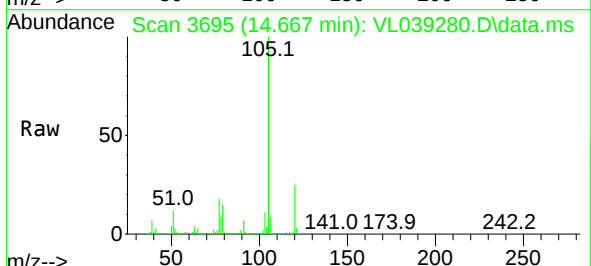
Delta R.T. -0.003 min

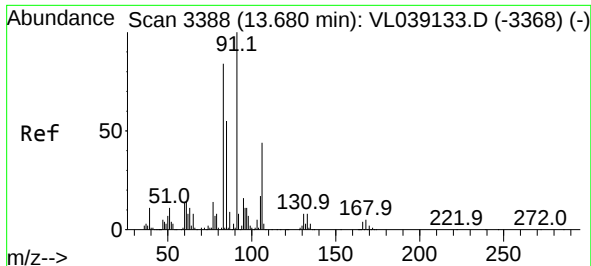
Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 4866370

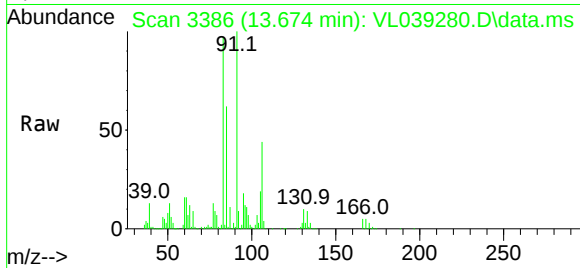
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.373 ppbv
RT: 13.674 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

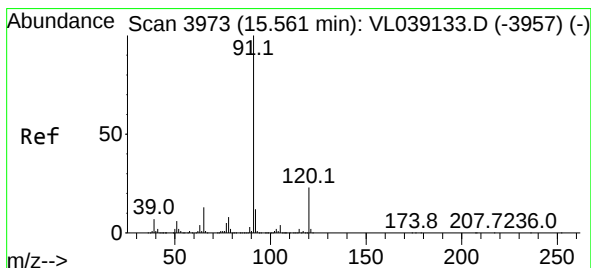
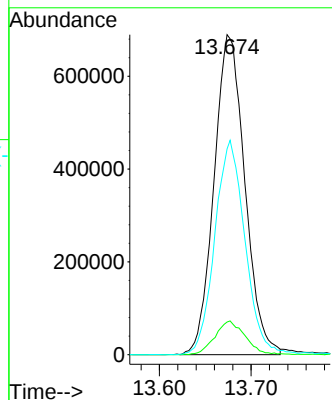
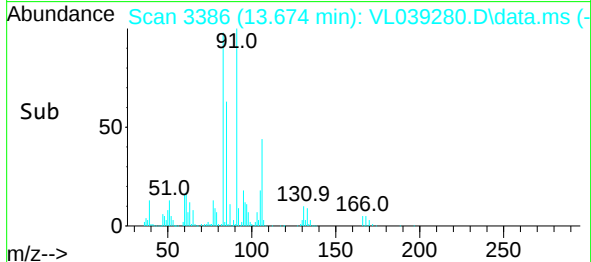
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 160865
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 66.4 33.0 99.0

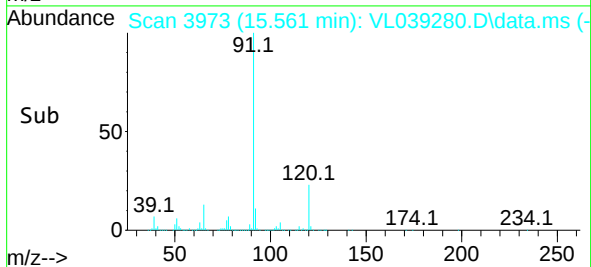
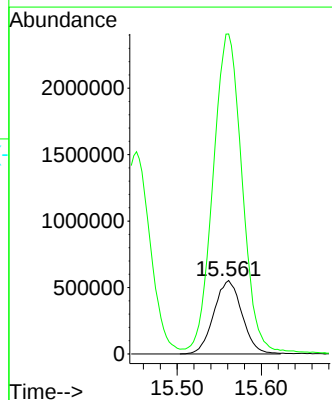
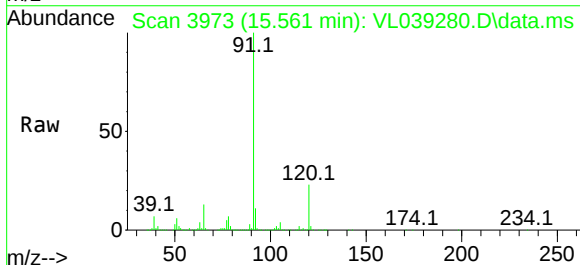
Manual Integrations
APPROVED

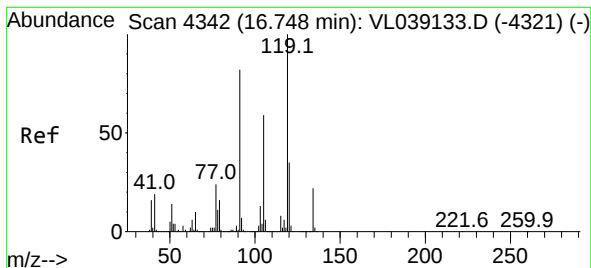
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#64
n-propylbenzene
Concen: 9.005 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion:120 Resp: 1278815
Ion Ratio Lower Upper
120 100
91 455.9 388.4 582.6





#65

tert-Butylbenzene

Concen: 8.487 ppbv

RT: 16.741 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 448361

Ion Ratio Lower Upper

119 100

91 80.2 67.1 100.7

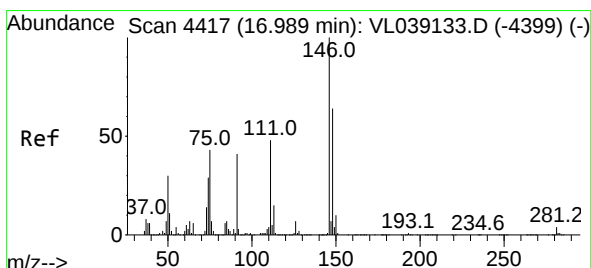
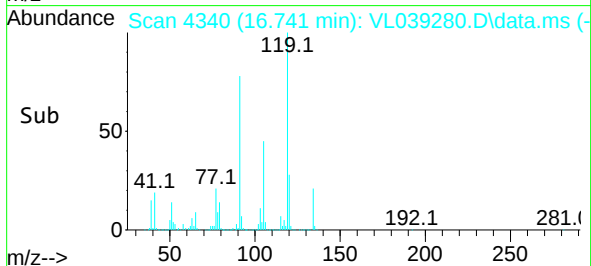
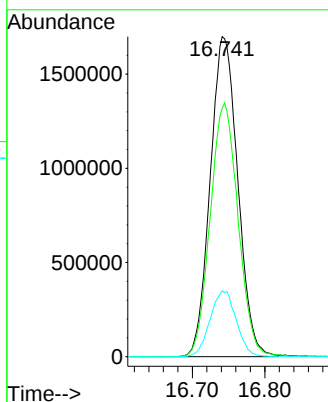
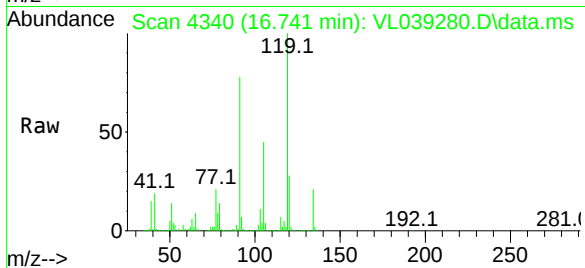
134 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#66

Benzyl Chloride

Concen: 6.507 ppbv

RT: 16.986 min Scan# 4416

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

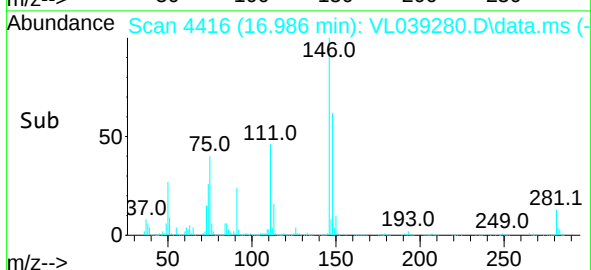
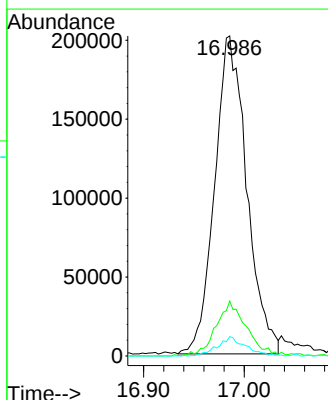
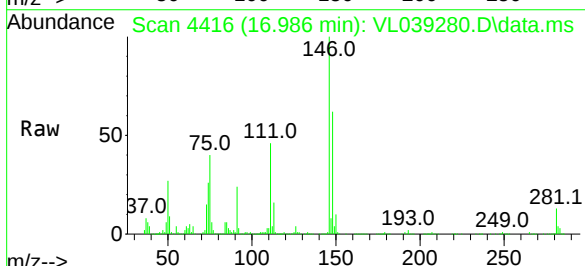
Tgt Ion: 91 Resp: 446969

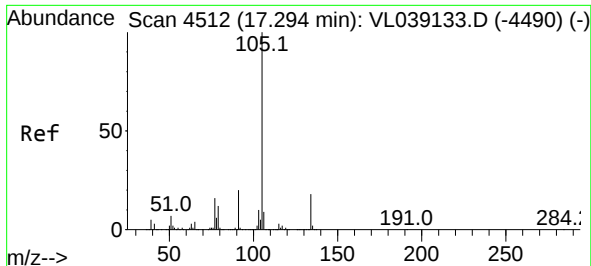
Ion Ratio Lower Upper

91 100

126 16.7 13.4 20.0

128 5.3 4.1 6.1





#67

sec-Butylbenzene

Concen: 8.480 ppbv

RT: 17.291 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL039280.D

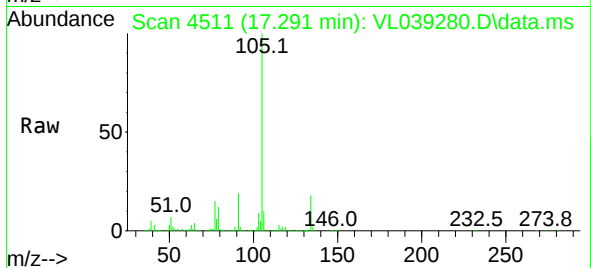
Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 6112038

Ion Ratio Lower Upper

105 100

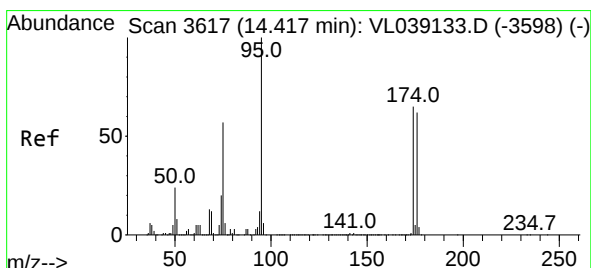
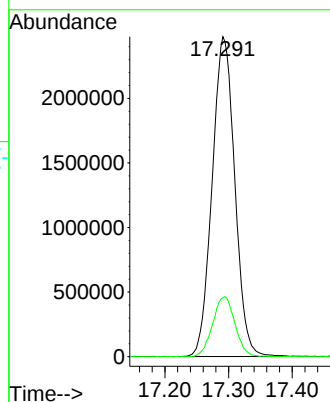
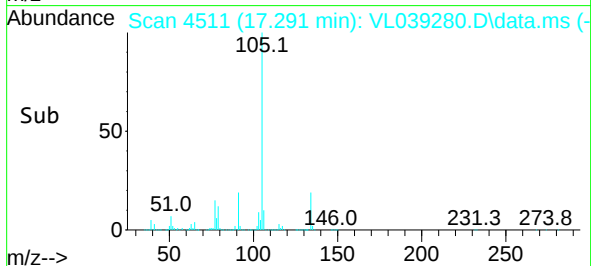
134 18.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.592 ppbv

RT: 14.413 min Scan# 3616

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

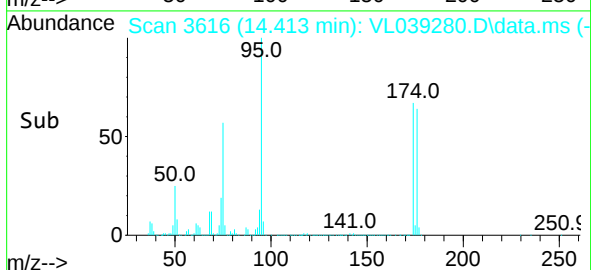
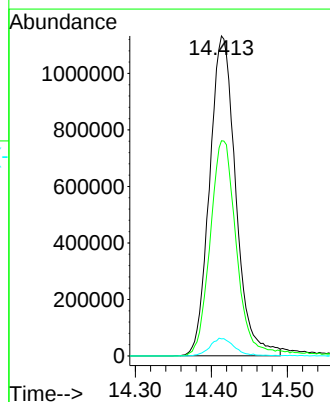
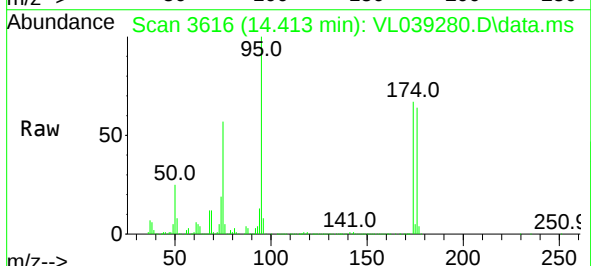
Tgt Ion: 95 Resp: 2704237

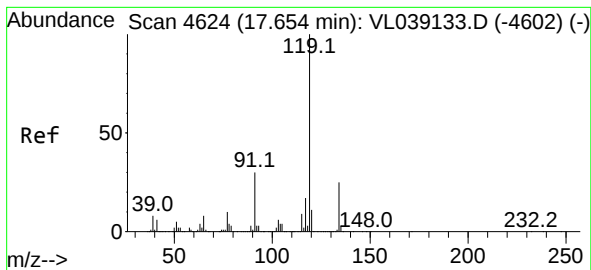
Ion Ratio Lower Upper

95 100

174 69.4 53.8 80.8

175 5.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.698 ppbv

RT: 17.651 min Scan# 4623

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 528919

Ion Ratio Lower Upper

119 100

134 24.8 20.4 30.6

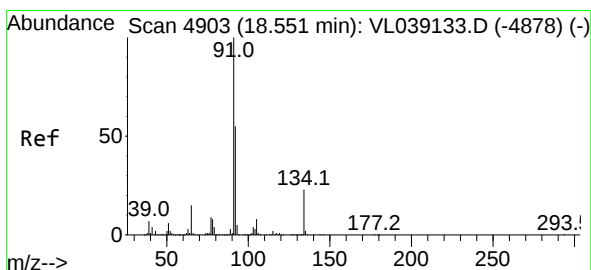
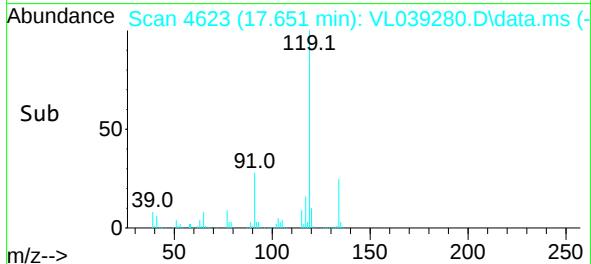
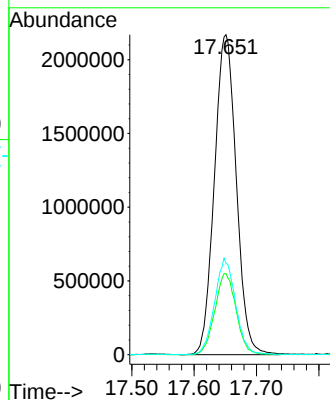
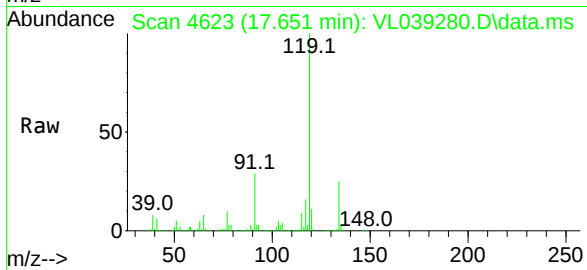
91 28.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#70

n-Butylbenzene

Concen: 8.297 ppbv

RT: 18.548 min Scan# 4902

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

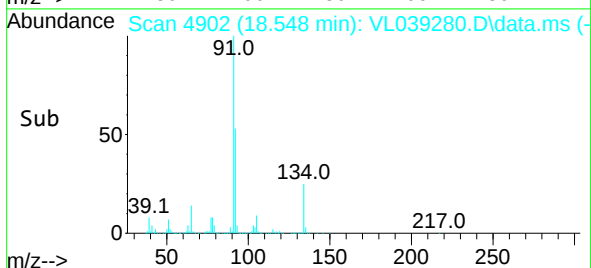
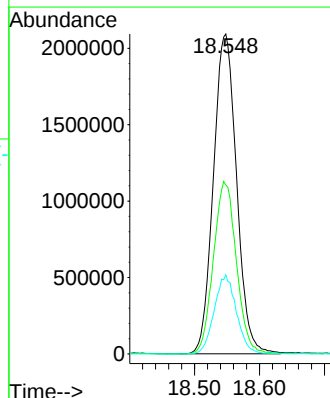
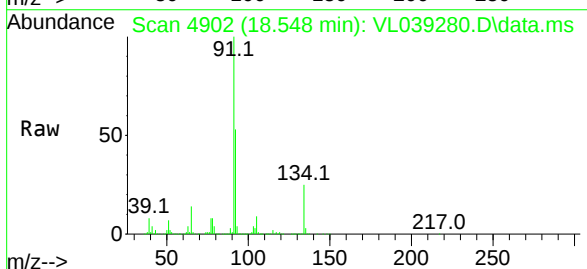
Tgt Ion: 91 Resp: 5178912

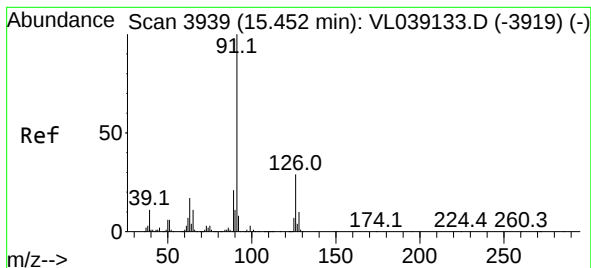
Ion Ratio Lower Upper

91 100

92 53.9 43.6 65.4

134 23.7 17.7 26.5





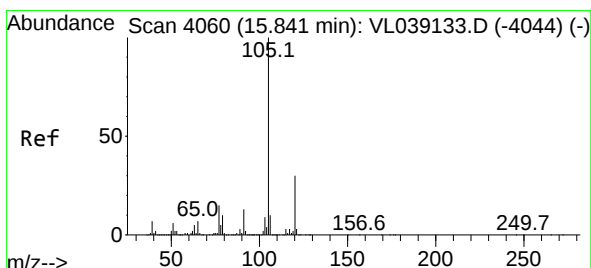
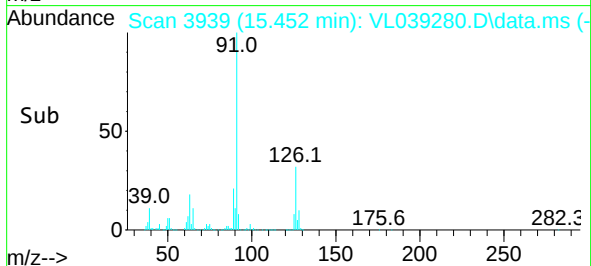
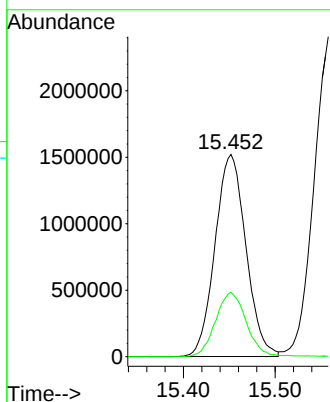
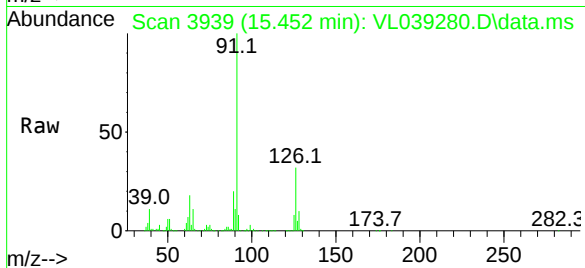
#71
2-Chlorotoluene
Concen: 8.071 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3555824
Ion Ratio Lower Upper
91 100
126 32.3 12.2 48.6

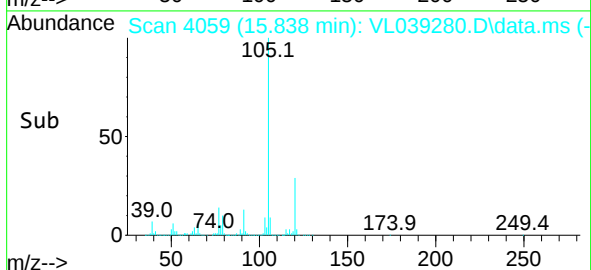
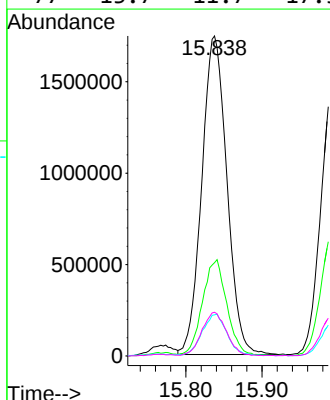
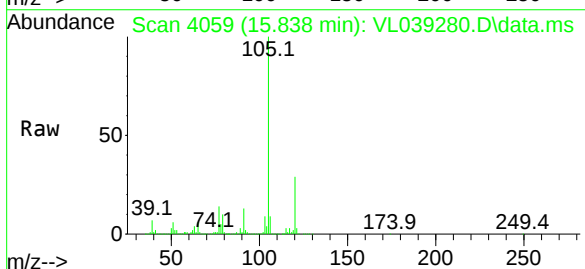
Manual Integrations
APPROVED

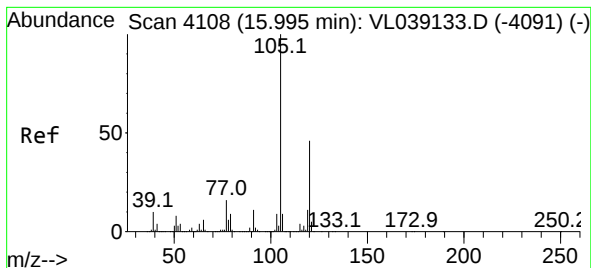
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#72
4-Ethyltoluene
Concen: 8.783 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 4000848
Ion Ratio Lower Upper
105 100
120 29.7 23.9 35.9
91 12.9 10.6 16.0
77 13.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.809 ppbv

RT: 15.995 min Scan# 4108

Delta R.T. -0.000 min

Lab File: VL039280.D

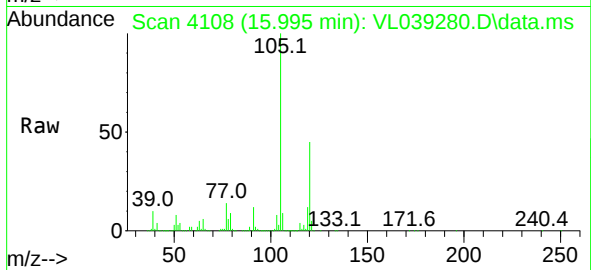
Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 3619528

Ion Ratio Lower Upper

105 100

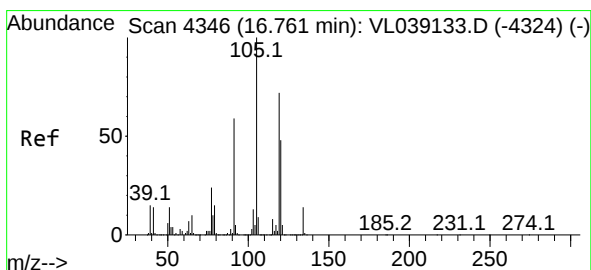
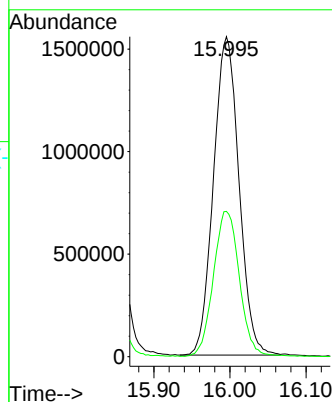
120 45.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.540 ppbv

RT: 16.760 min Scan# 4346

Delta R.T. -0.000 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Tgt Ion:105 Resp: 3915599

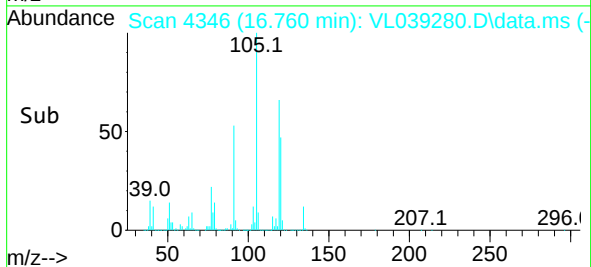
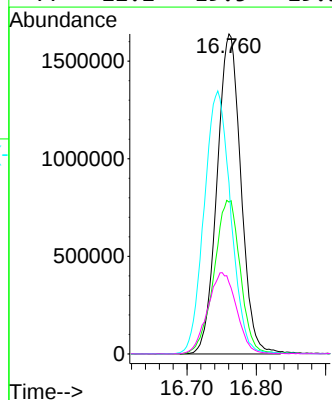
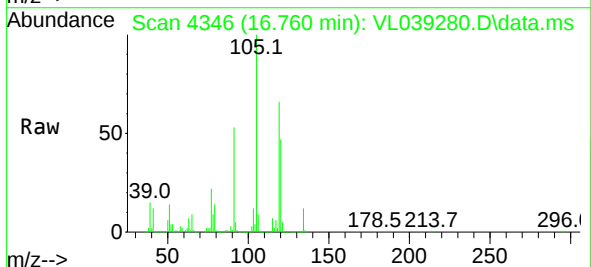
Ion Ratio Lower Upper

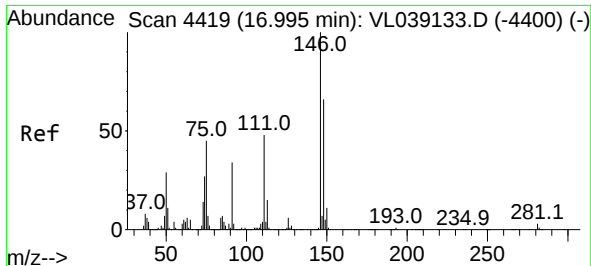
105 100

120 47.4 38.1 57.1

91 53.2 47.4 71.0

77 22.2 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 8.742 ppbv

RT: 16.992 min Scan# 4419

Delta R.T. -0.003 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 226877

Ion Ratio Lower Upper

146 100

111 46.5 23.8 71.4

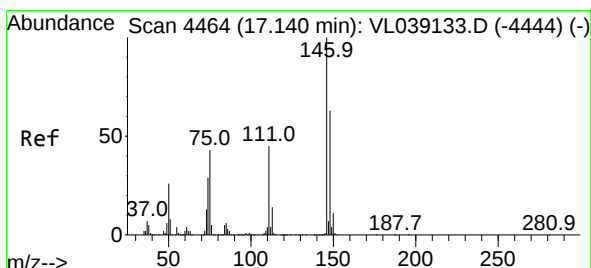
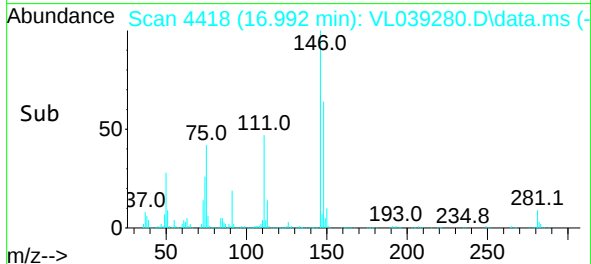
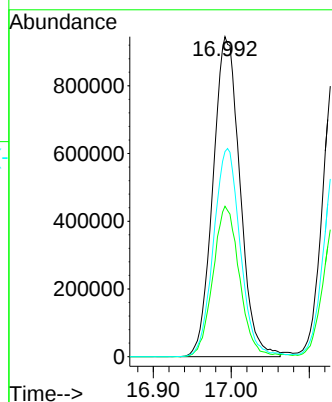
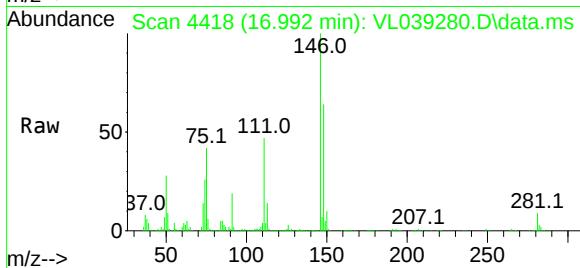
148 64.8 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#76

1,4-Dichlorobenzene

Concen: 8.497 ppbv

RT: 17.133 min Scan# 4462

Delta R.T. -0.006 min

Lab File: VL039280.D

Acq: 14 Jun 2022 13:18

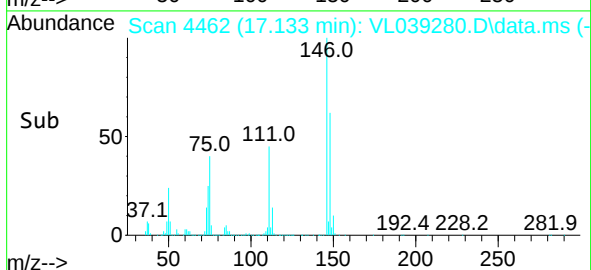
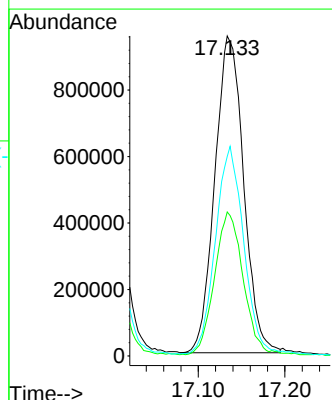
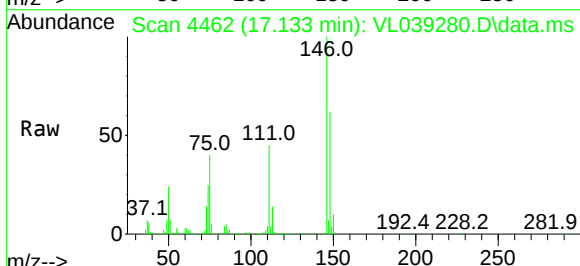
Tgt Ion:146 Resp: 2200129

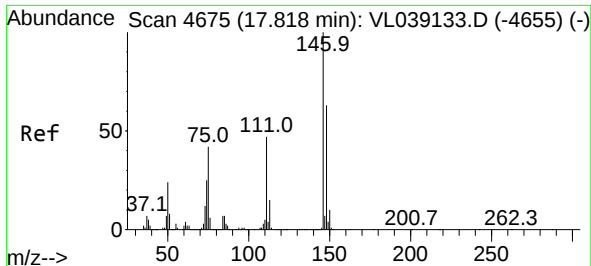
Ion Ratio Lower Upper

146 100

111 46.6 23.6 71.0

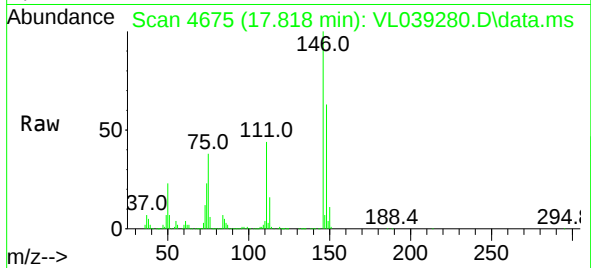
148 67.4 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 8.417 ppbv
RT: 17.818 min Scan# 401
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

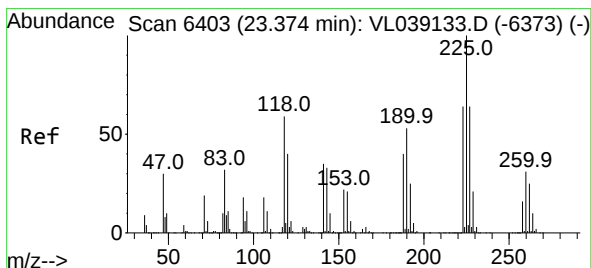
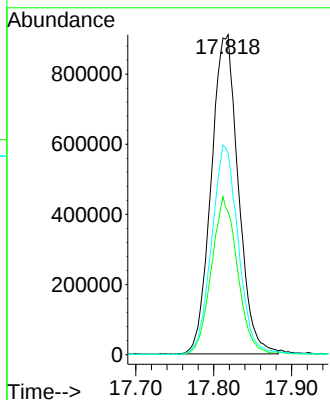
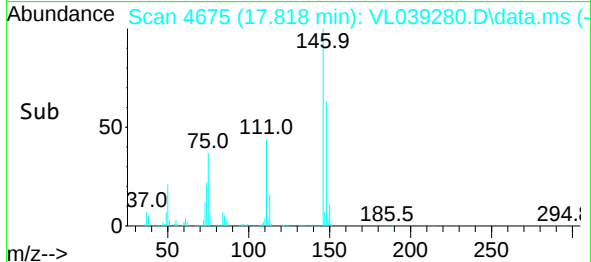
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



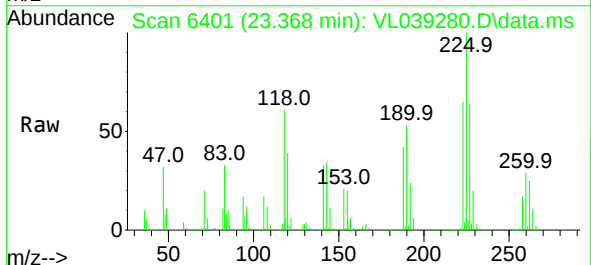
Tgt Ion:146 Resp: 220163
Ion Ratio Lower Upper
146 100
111 48.1 24.4 73.4
148 65.0 32.1 96.5

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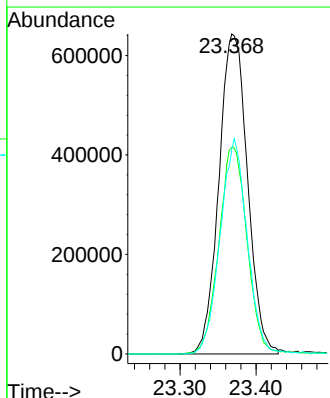
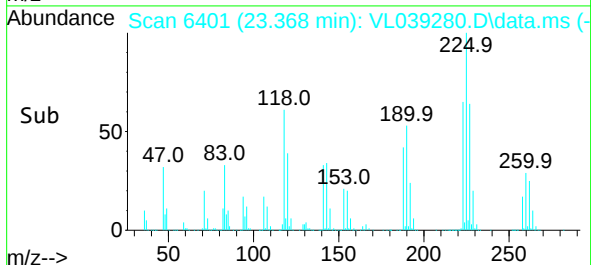
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

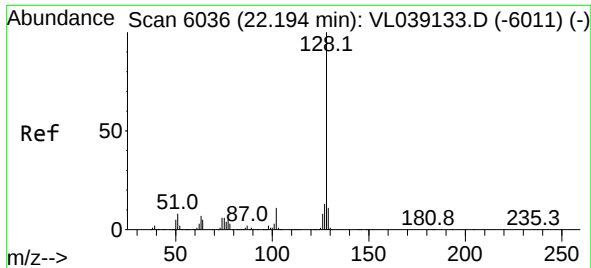


#78
Hexachloro-1,3-Butadiene
Concen: 7.027 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. -0.006 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



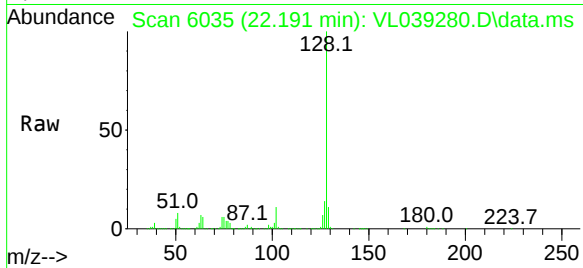
Tgt Ion:225 Resp: 1680850
Ion Ratio Lower Upper
225 100
223 63.9 51.4 77.0
227 63.9 50.6 75.8





#79
Naphthalene
Concen: 9.141 ppbv
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18

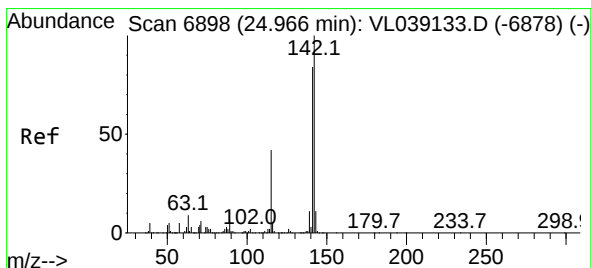
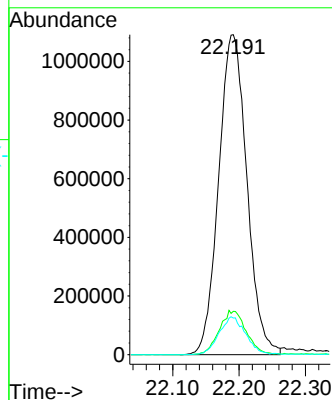
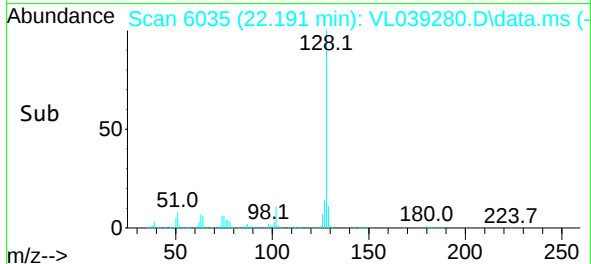
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



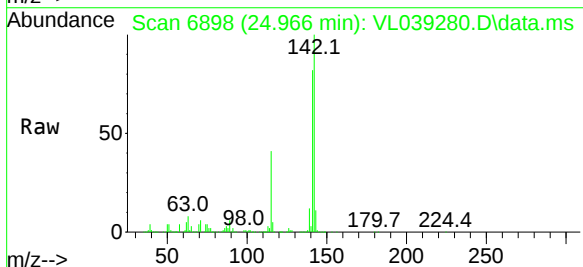
Tgt Ion:128 Resp: 322646
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.5 9.0 13.6

Manual Integrations
APPROVED

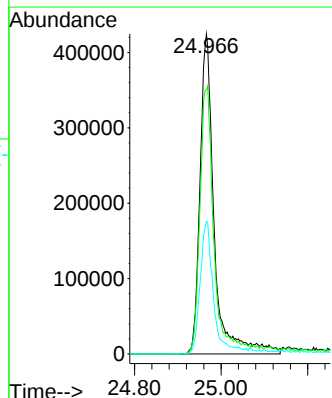
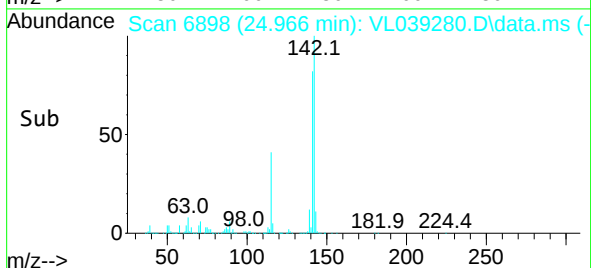
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

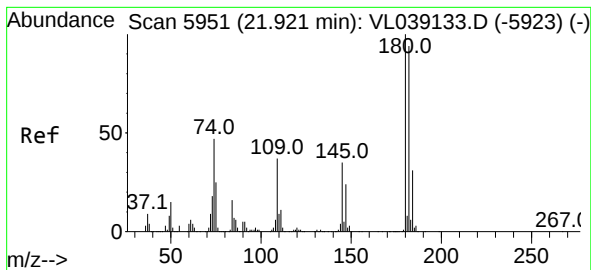


#80
Naphthalene,2-methyl-
Concen: 7.367 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. -0.000 min
Lab File: VL039280.D
Acq: 14 Jun 2022 13:18



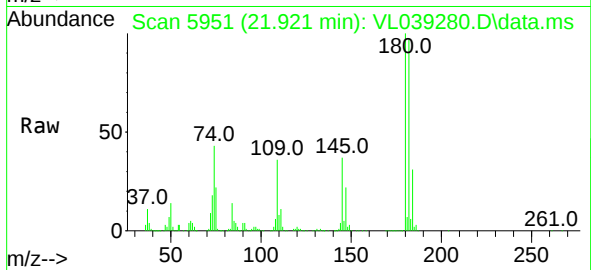
Tgt Ion:142 Resp: 966088
Ion Ratio Lower Upper
142 100
141 83.6 64.6 96.8
115 41.8 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 8.450 ppbv
 RT: 21.921 min Scan# 5951
 Delta R.T. -0.000 min
 Lab File: VL039280.D
 Acq: 14 Jun 2022 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1889611
 Ion Ratio Lower Upper
 180 100
 182 95.8 0.0 0.0
 184 30.0 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

