

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039400.D
 Acq On : 29 Jun 2022 15:43
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 16:14:49 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1298009	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3620327	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	3495916	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2670213 9.239 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	2039210	8.944	ppbv	99
3) Chlorodifluoromethane	2.983	51	2134955	12.927	ppbv	99
4) Chloromethane	3.134	50	1164847	13.731	ppbv	100
5) Vinyl Chloride	3.250	62	1106838	13.957	ppbv	98
6) Bromomethane	3.465	94	532227	13.642	ppbv	97
7) Chloroethane	3.549	64	428502	15.507	ppbv	99
8) Dichlorotetrafluoroethane	3.179	85	2593519	12.447	ppbv	98
9) Propene	3.002	41	957680	13.298	ppbv	98
10) Heptane	8.108	43	2508925	14.934	ppbv	99
11) Trichlorofluoromethane	3.941	101	2788912	13.514	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.472	101	2064908	15.130	ppbv	100
13) Ethanol	3.597	45	56846	14.474	ppbv	86
14) Bromoethene	3.729	108	885432	14.431	ppbv	99
15) Acetone	3.835	43	2062369	15.253	ppbv	99
16) 1,3-Butadiene	3.320	39	1087498	14.962	ppbv	99
17) tert-Butyl alcohol	4.269	59	1729485	16.491	ppbv	100
18) 1,1-Dichloroethene	4.279	96	950977	15.533	ppbv	98
19) Isopropyl Alcohol	3.947	45	1030834	16.255	ppbv #	96
20) Methylene Chloride	4.333	84	779884	13.687	ppbv	97
21) Allyl Chloride	4.401	41	1474564	16.166	ppbv	99
22) trans-1,2-Dichloroethene	4.873	96	962168	16.334	ppbv	98
23) Vinyl Acetate	5.060	43	1628546	14.557	ppbv	98
24) 1,1-Dichloroethane	4.999	63	2015508	13.149	ppbv	98
25) Ethyl Acetate	5.661	43	4464769	14.651	ppbv	100
26) Hexane	5.674	57	1918167	14.323	ppbv	98
27) Carbon Disulfide	4.539	76	2348354	16.919	ppbv	100
28) Methyl tert-Butyl Ether	5.018	73	1924717	13.018	ppbv	97
29) Chloroform	5.738	83	2987829	13.258	ppbv	100
30) Cyclohexane	7.118	84	1622125	14.418	ppbv	99
31) cis-1,2-Dichloroethene	5.536	61	1905004	13.951	ppbv	99
32) 1,1,1-Trichloroethane	6.494	97	3042543	13.797	ppbv	99
34) 2-Butanone	5.227	43	2698864	13.722	ppbv	99
35) Carbon Tetrachloride	7.005	117	3278903	12.409	ppbv	98
36) Benzene	6.877	78	3937047	13.395	ppbv	98
37) 1,2-Dichloroethane	6.291	62	2307365	11.928	ppbv	100
38) Trichloroethene	7.822	130	2096949	15.533	ppbv	98
39) 1,2-Dichloropropane	7.597	63	1472491	12.595	ppbv	94
40) 1,4-Dioxane	7.812	88	588495	15.290	ppbv	98
41) Tetrahydrofuran	6.031	42	1583359	13.385	ppbv	99
42) Bromodichloromethane	7.777	83	3335661	12.425	ppbv	98
43) Methyl Methacrylate	7.999	69	1639390	14.319	ppbv	100
44) 2,2,4-Trimethylpentane	7.854	57	6491948	12.626	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	1788143	14.997	ppbv	100

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

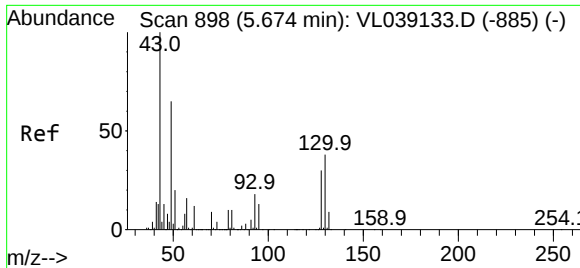
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

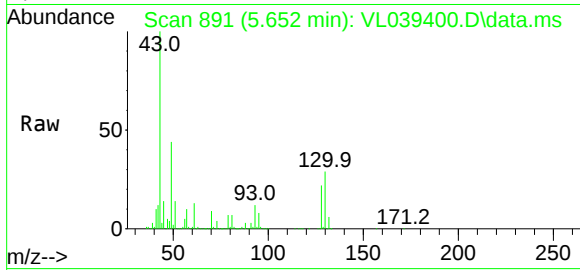
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	2251468	14.294	ppbv	99
47) 1,1,2-Trichloroethane	9.458	97	1650277	13.530	ppbv	99
48) Dibromochloromethane	10.288	129	3015383	13.846	ppbv	99
49) Bromoform	13.024	173	2570346	14.162	ppbv	99
50) 4-Methyl-2-Pentanone	8.722	43	4198224	14.260	ppbv	100
51) 2-Hexanone	10.114	43	3355786	14.648	ppbv #	100
52) Tetrachloroethene	11.208	164	1562014	13.611	ppbv	98
53) Toluene	9.790	91	4764490	14.078	ppbv	99
54) 1,2-Dibromoethane	10.597	107	2238808	13.660	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.108	131	2153710	13.020	ppbv #	71
57) Chlorobenzene	12.130	112	3675563	13.973	ppbv	98
58) Ethyl Benzene	12.693	91	6367091	13.222	ppbv	100
59) m/p-Xylene	12.976	91	10949841m	25.822	ppbv	
60) o-Xylene	13.674	91	5264420	13.212	ppbv	98
61) Styrene	13.510	104	3286506	15.402	ppbv	99
62) Isopropylbenzene	14.651	105	7706444	13.012	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.661	83	2508275	11.215	ppbv	99
64) n-propylbenzene	15.542	120	2102128	14.439	ppbv	93
65) tert-Butylbenzene	16.725	119	7029250	12.980	ppbv	99
66) Benzyl Chloride	16.973	91	1039433	14.761	ppbv	100
67) sec-Butylbenzene	17.275	105	9551592	12.926	ppbv	98
69) p-Isopropyltoluene	17.632	119	8292354	13.301	ppbv	99
70) n-Butylbenzene	18.529	91	8241091	12.879	ppbv	98
71) 2-Chlorotoluene	15.436	91	5794999	12.831	ppbv	99
72) 4-Ethyltoluene	15.822	105	6450718	13.813	ppbv	100
73) 1,3,5-Trimethylbenzene	15.979	105	5767820	13.693	ppbv	98
74) 1,2,4-Trimethylbenzene	16.744	105	6196663	13.183	ppbv	98
75) 1,3-Dichlorobenzene	16.979	146	3827720	14.387	ppbv	100
76) 1,4-Dichlorobenzene	17.117	146	3814033	14.368	ppbv	97
77) 1,2-Dichlorobenzene	17.799	146	3726362	13.896	ppbv	100
78) Hexachloro-1,3-Butadiene	23.355	225	2683975	10.946	ppbv	99
79) Naphthalene	22.169	128	5533602	15.292	ppbv	99
80) Naphthalene,2-methyl-	24.947	142	2116676	15.744	ppbv	96
81) 1,2,4-Trichlorobenzene	21.898	180	3116399	13.594	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.652 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: VL039400.D
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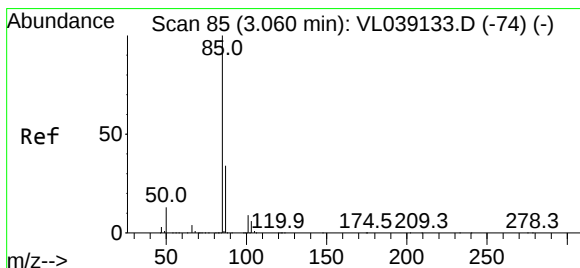
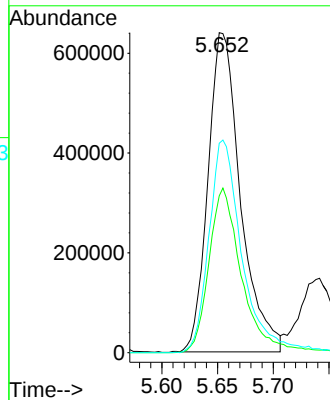
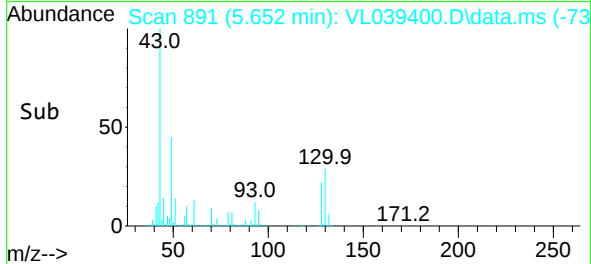
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



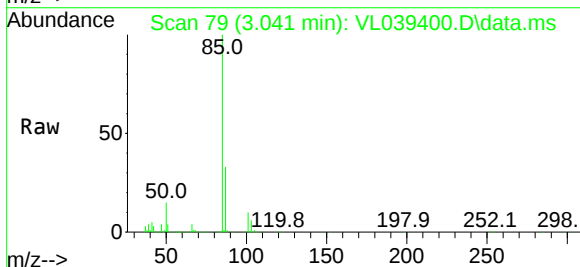
Tgt Ion: 49 Resp: 1298009
 Ion Ratio Lower Upper
 49 100
 128 52.7 26.7 80.0
 130 69.1 34.3 102.8

Manual Integrations
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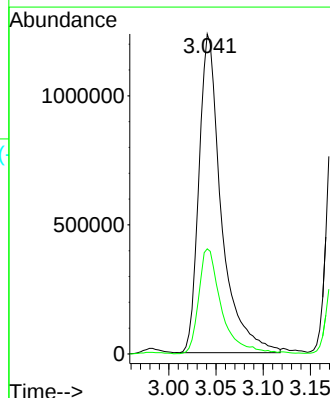
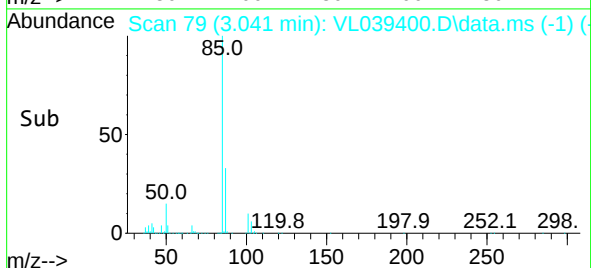
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

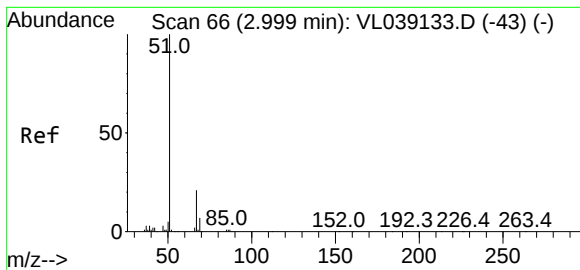


#2
 Dichlorodifluoromethane
 Concen: 8.944 ppbv
 RT: 3.041 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43



Tgt Ion: 85 Resp: 2039210
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.7 40.1





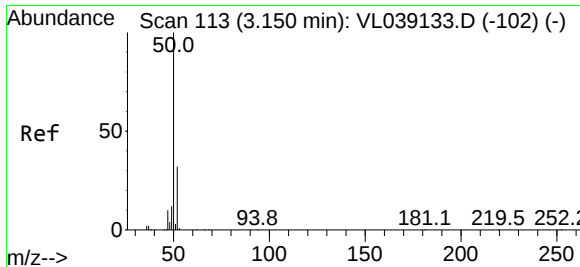
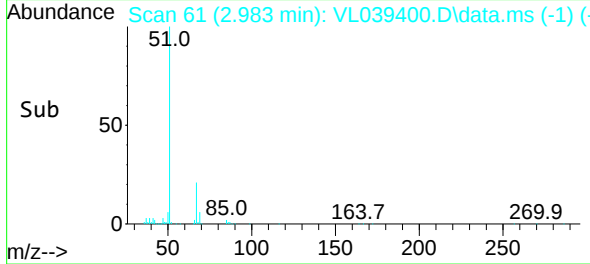
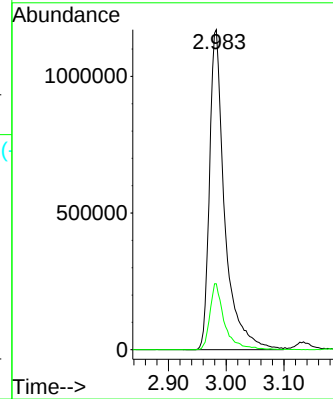
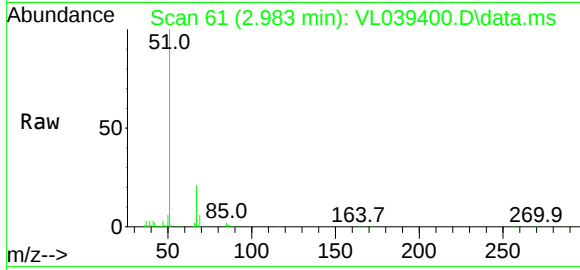
#3
Chlorodifluoromethane
Concen: 12.927 ppbv
RT: 2.983 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 213495
Ion Ratio Lower Upper
51 100
67 20.0 15.7 23.5

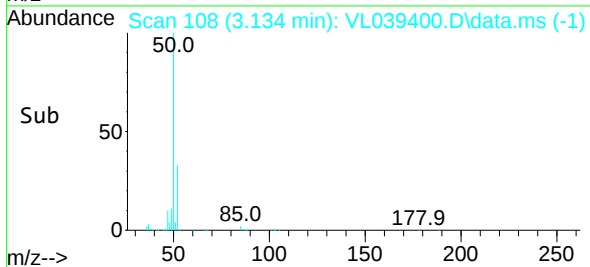
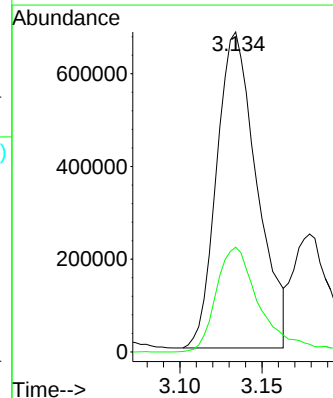
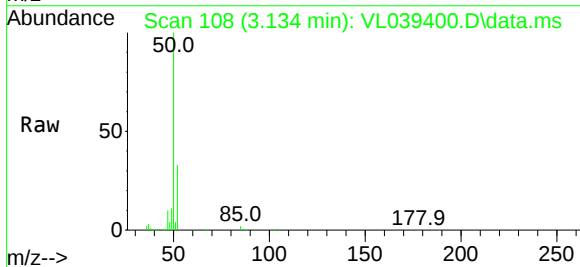
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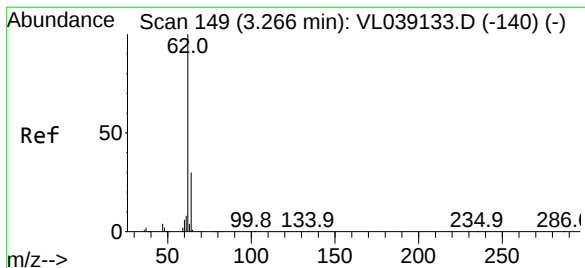
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 13.731 ppbv
RT: 3.134 min Scan# 108
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 50 Resp: 1164847
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





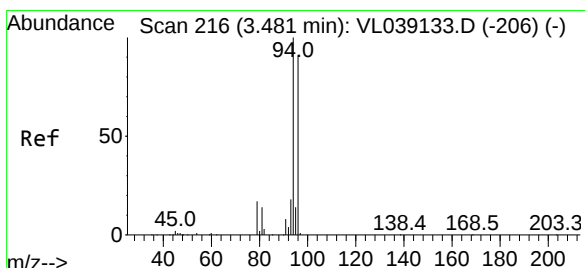
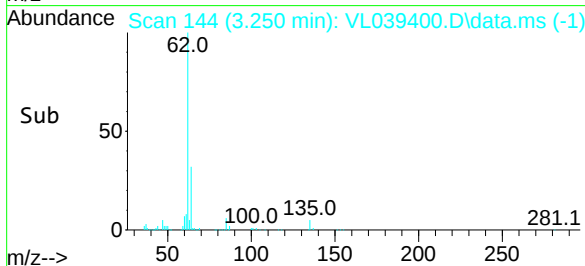
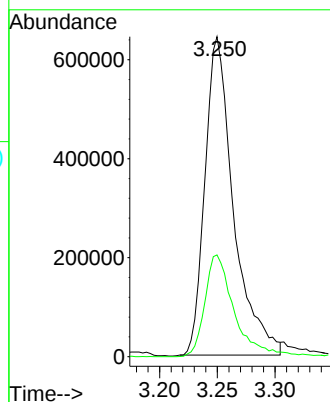
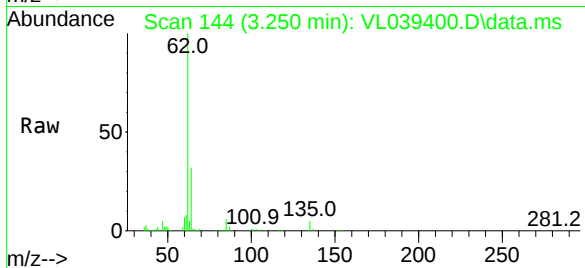
#5
 Vinyl Chloride
 Concen: 13.957 ppbv
 RT: 3.250 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 1106838
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.6 36.8

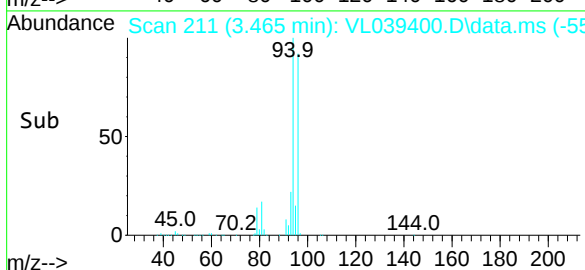
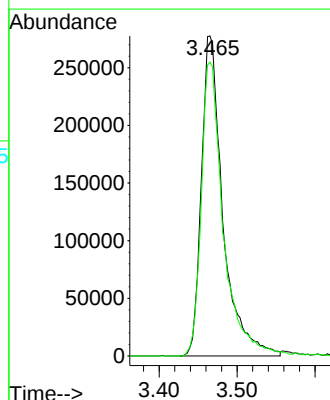
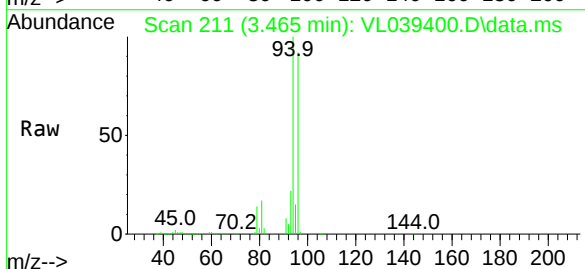
Manual Integrations
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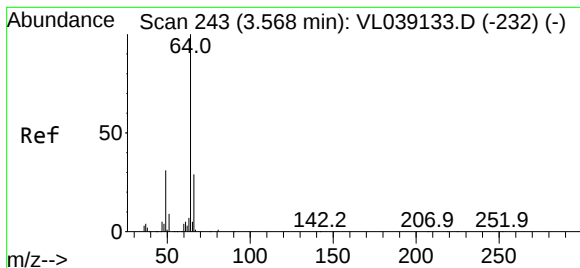
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#6
 Bromomethane
 Concen: 13.642 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

Tgt Ion: 94 Resp: 532227
 Ion Ratio Lower Upper
 94 100
 96 91.8 75.6 113.4





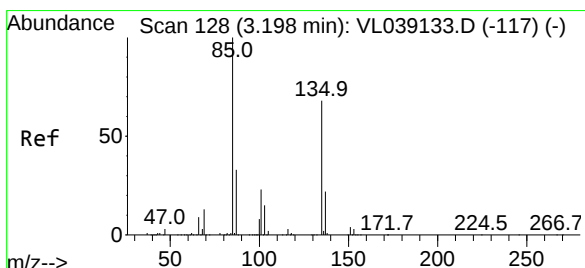
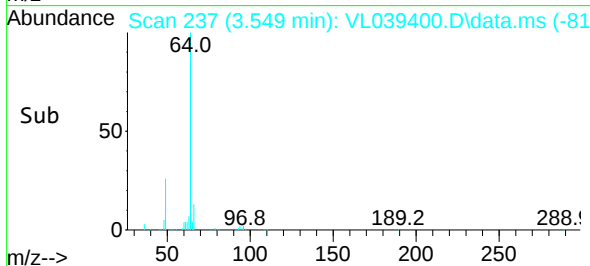
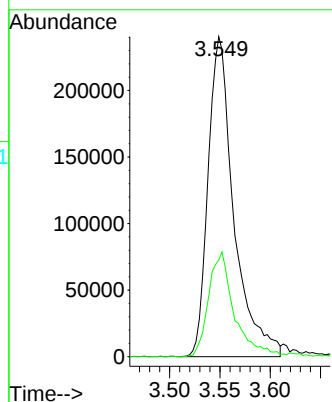
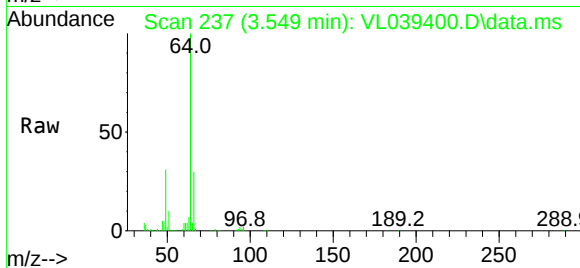
#7
Chloroethane
Concen: 15.507 ppbv
RT: 3.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 64 Resp: 428502
Ion Ratio Lower Upper
64 100
66 30.2 24.7 37.1

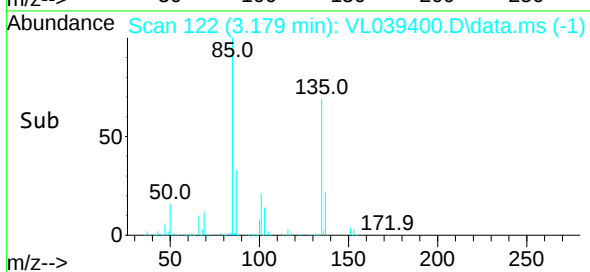
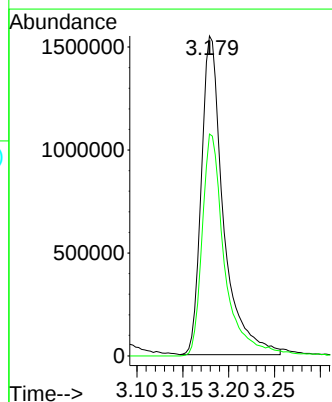
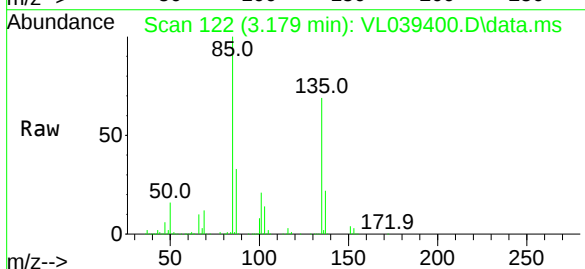
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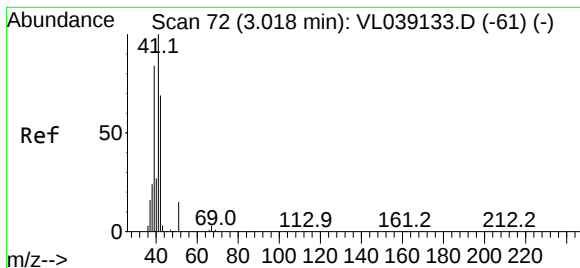
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#8
Dichlorotetrafluoroethane
Concen: 12.447 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

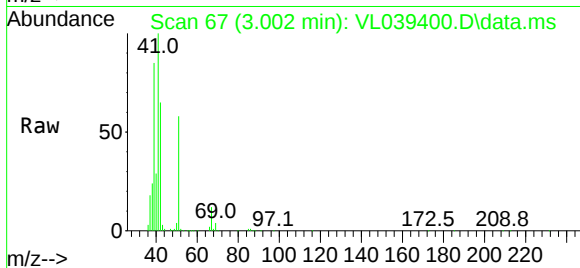
Tgt Ion: 85 Resp: 2593519
Ion Ratio Lower Upper
85 100
135 72.0 59.0 88.4





#9
 Propene
 Concen: 13.298 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

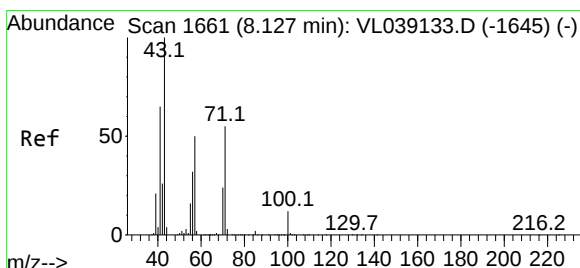
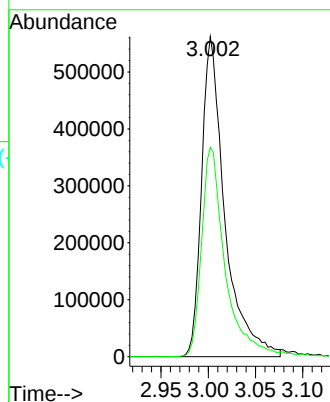
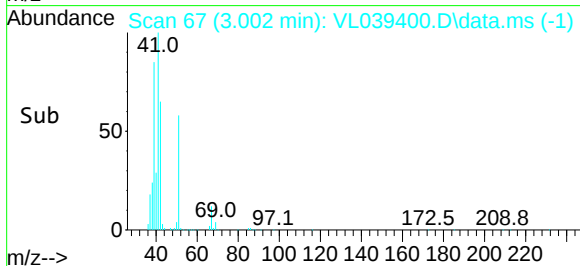
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 41 Resp: 957680
 Ion Ratio Lower Upper
 41 100
 42 67.0 55.2 82.8

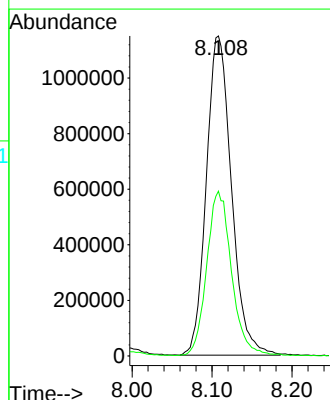
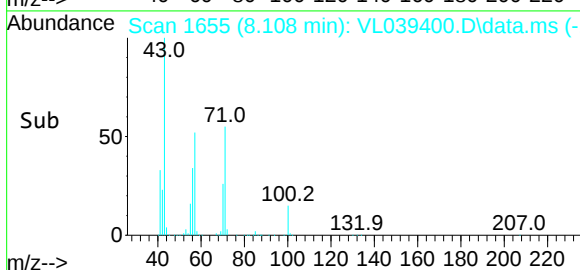
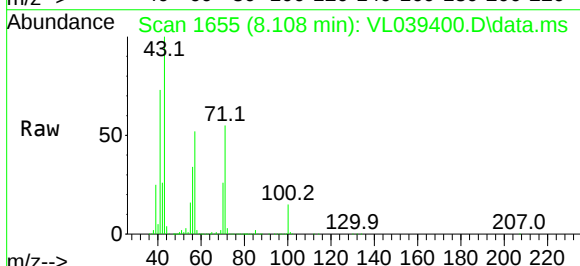
Manual Integrations
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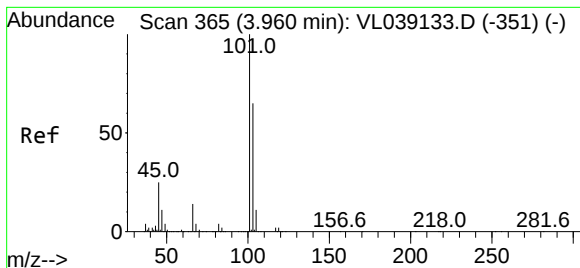
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 14.934 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

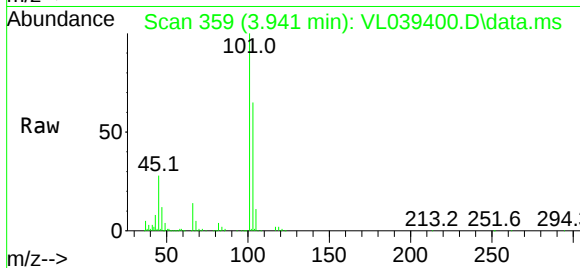
Tgt Ion: 43 Resp: 2508925
 Ion Ratio Lower Upper
 43 100
 57 51.5 40.5 60.7





#11
Trichlorofluoromethane
Concen: 13.514 ppbv
RT: 3.941 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

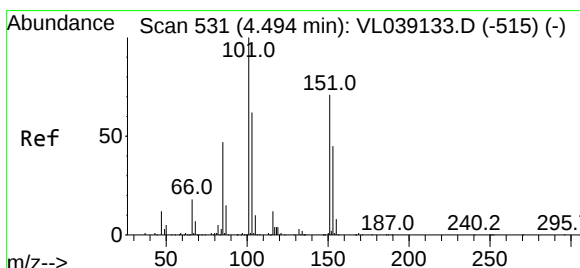
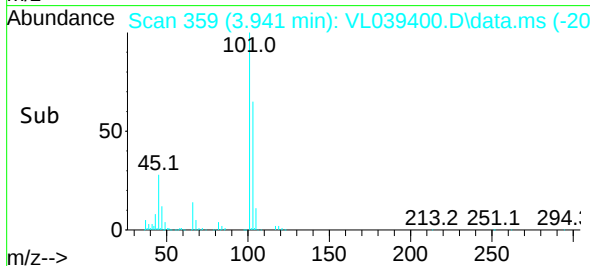
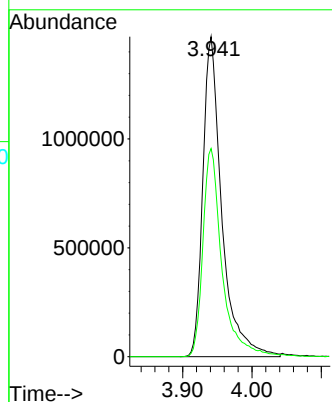
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:101 Resp: 2788912
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

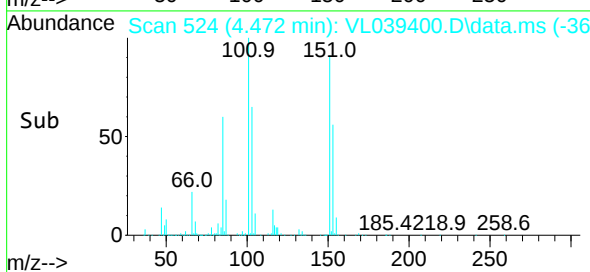
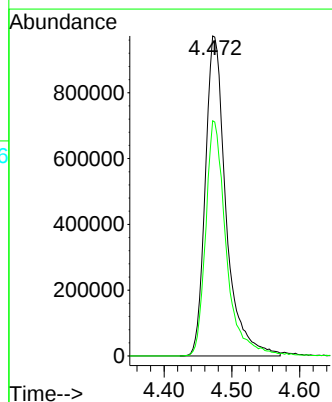
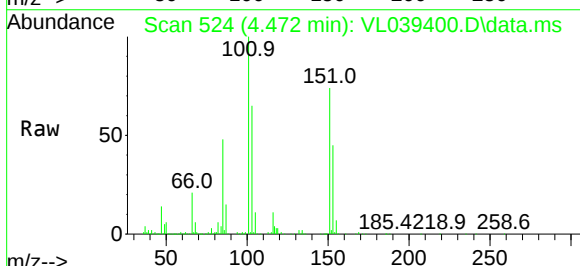
Manual Integrations
APPROVED

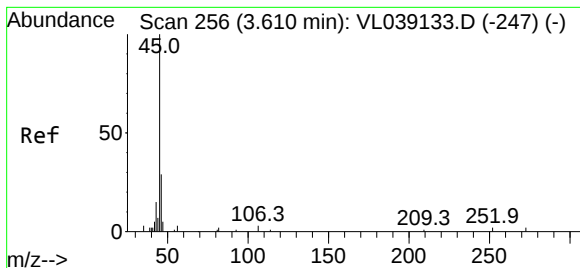
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 15.130 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion:101 Resp: 2064908
Ion Ratio Lower Upper
101 100
151 73.2 58.9 88.3





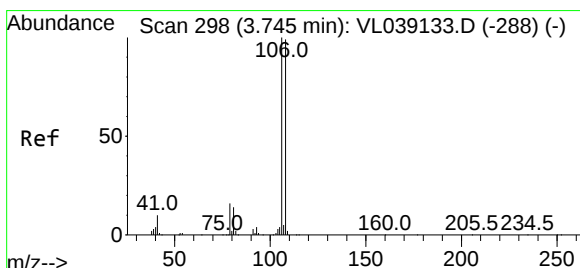
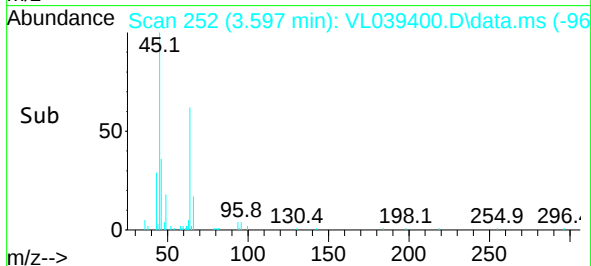
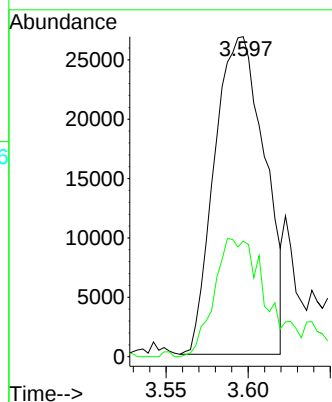
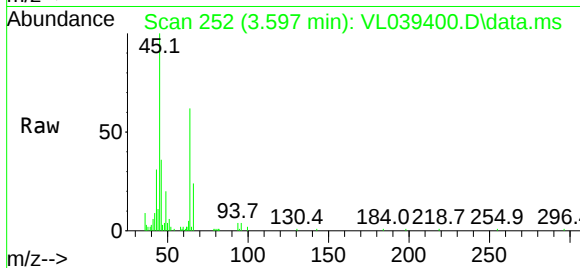
#13
Ethanol
Concen: 14.474 ppbv
RT: 3.597 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 5684
Ion Ratio Lower Upper
45 100
46 46.4 22.8 91.2

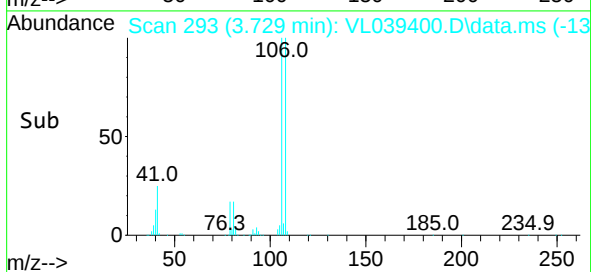
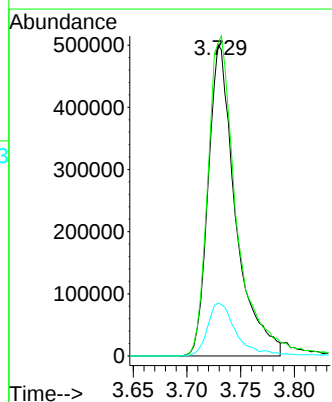
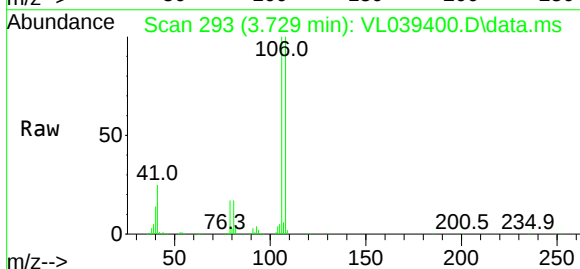
Manual Integrations
APPROVED

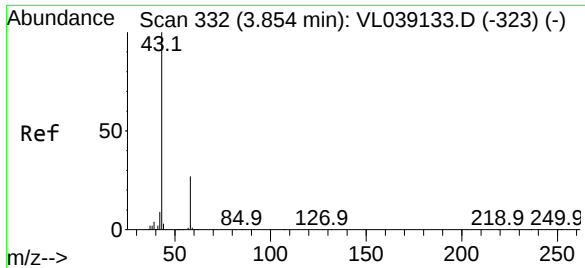
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#14
Bromoethene
Concen: 14.431 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

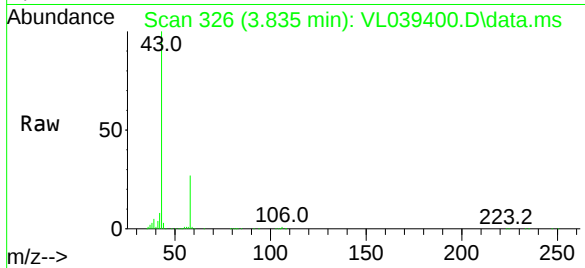
Tgt Ion:108 Resp: 885432
Ion Ratio Lower Upper
108 100
106 110.0 87.1 130.7
79 18.5 14.6 22.0





#15
Acetone
Concen: 15.253 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

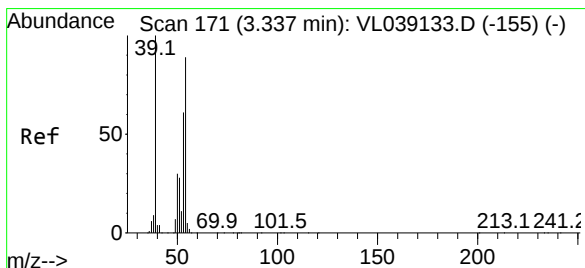
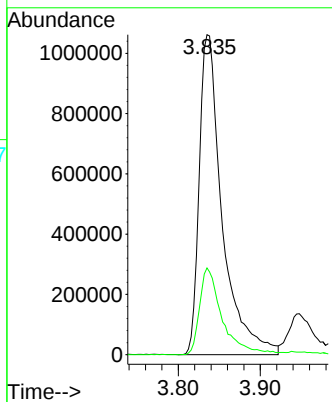
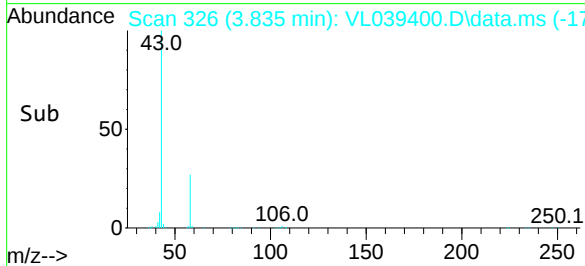
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 2062369
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6

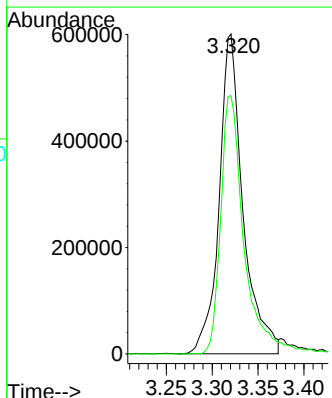
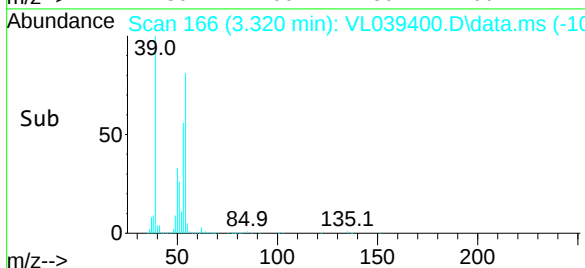
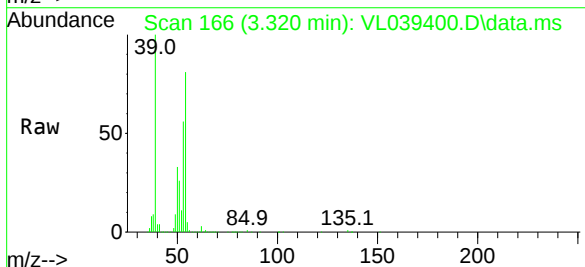
Manual Integrations
APPROVED

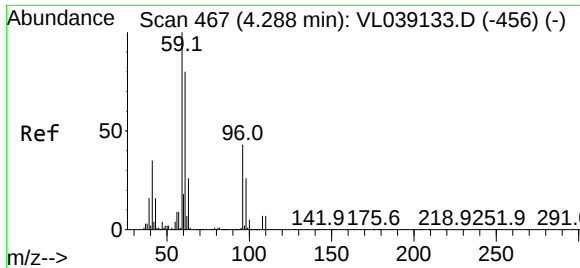
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#16
1,3-Butadiene
Concen: 14.962 ppbv
RT: 3.320 min Scan# 166
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 39 Resp: 1087498
Ion Ratio Lower Upper
39 100
54 80.2 63.7 95.5





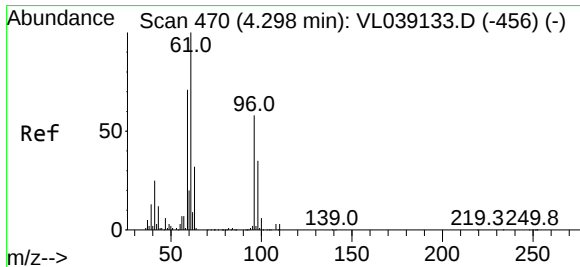
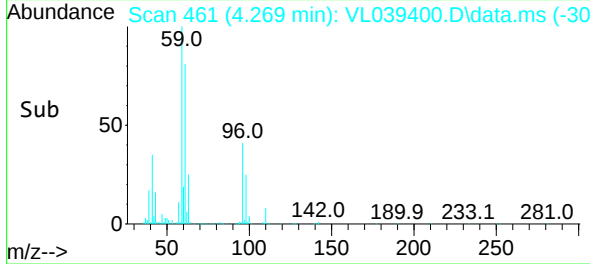
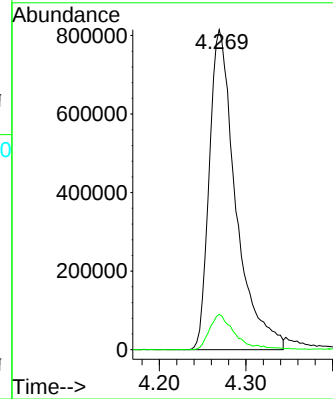
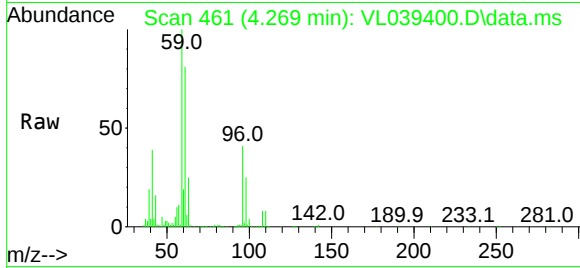
#17
tert-Butyl alcohol
Concen: 16.491 ppbv
RT: 4.269 min Scan# 408
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 59 Resp: 172948
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

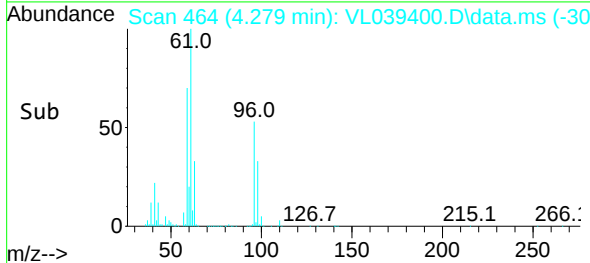
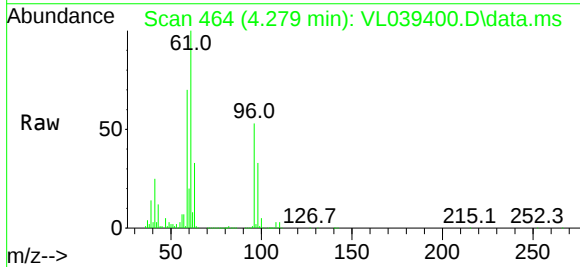
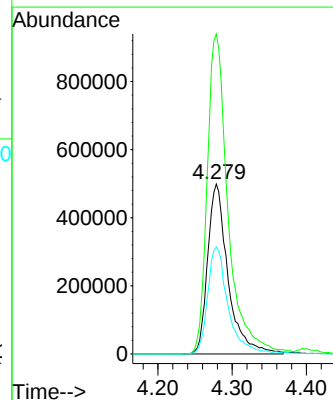
Manual Integrations
APPROVED

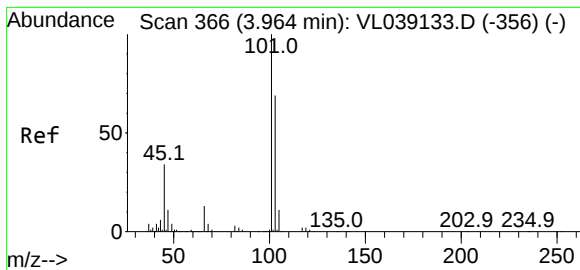
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#18
1,1-Dichloroethene
Concen: 15.533 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

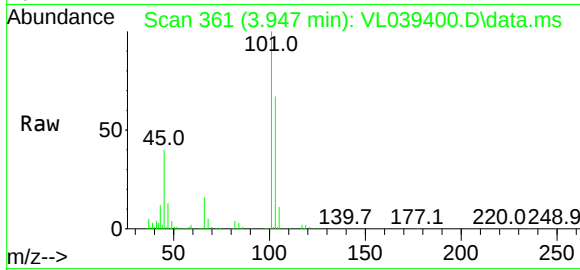
Tgt Ion: 96 Resp: 950977
Ion Ratio Lower Upper
96 100
61 188.3 152.2 228.4
98 63.0 51.8 77.6





#19
Isopropyl Alcohol
Concen: 16.255 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

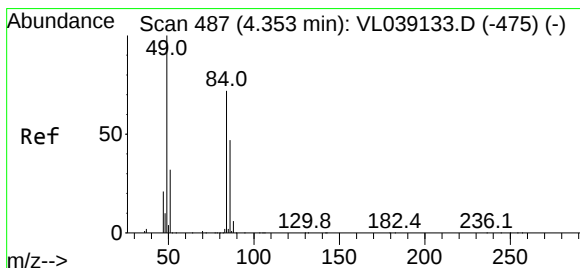
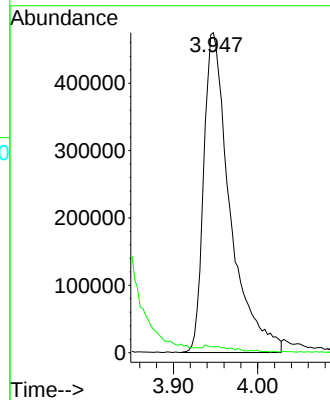
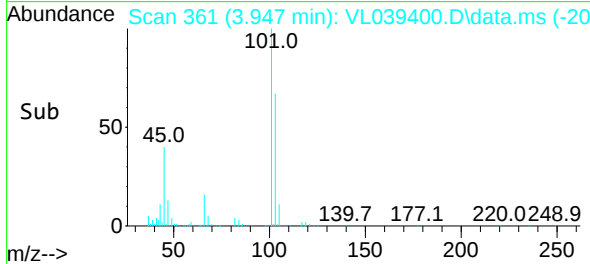
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



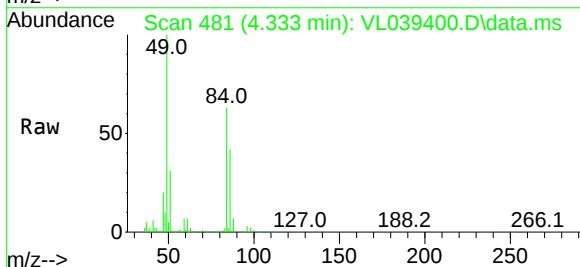
Tgt Ion: 45 Resp: 1030834
Ion Ratio Lower Upper
45 100
58 2.5 3.2 4.8

Manual Integrations
APPROVED

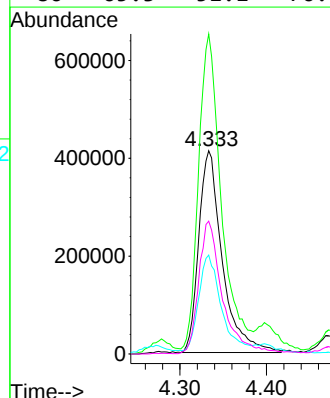
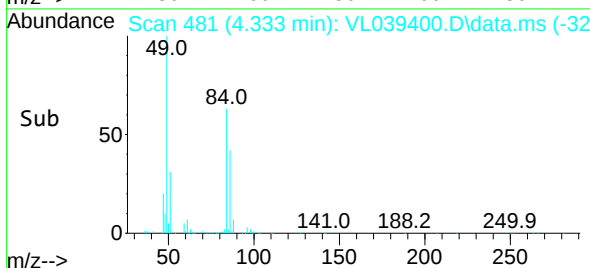
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

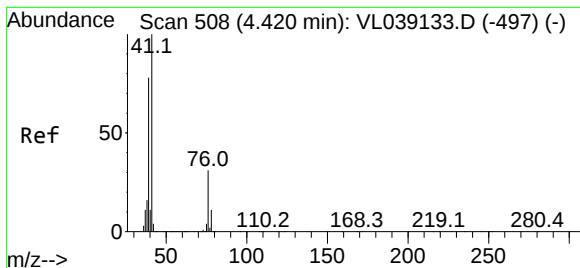


#20
Methylene Chloride
Concen: 13.687 ppbv
RT: 4.333 min Scan# 481
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion: 84 Resp: 779884
Ion Ratio Lower Upper
84 100
49 156.1 123.1 184.7
51 47.3 34.4 51.6
86 65.3 51.1 76.7





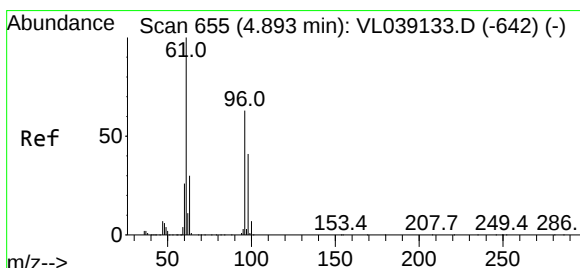
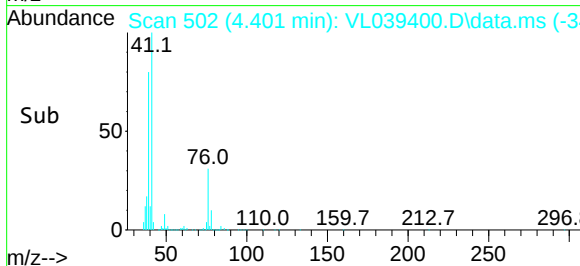
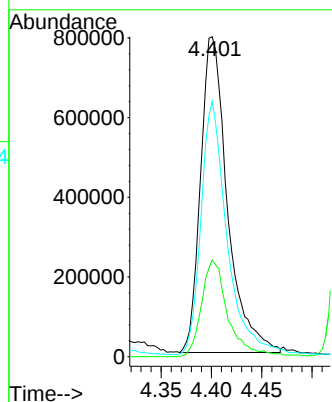
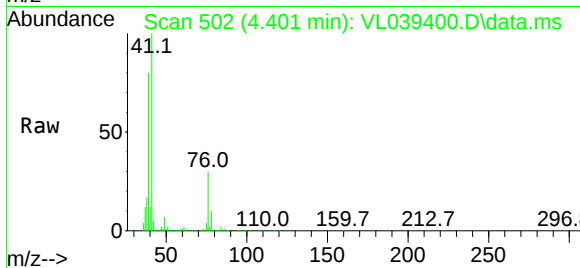
#21
 Allyl Chloride
 Concen: 16.166 ppbv
 RT: 4.401 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1474564
 Ion Ratio Lower Upper
 41 100
 76 30.3 24.4 36.6
 39 78.8 63.5 95.3

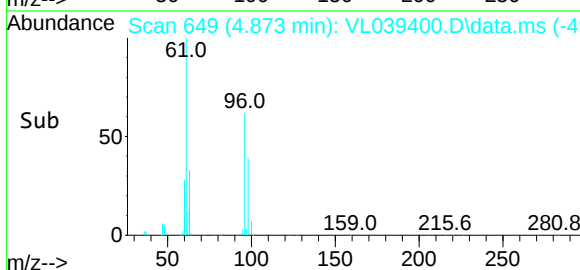
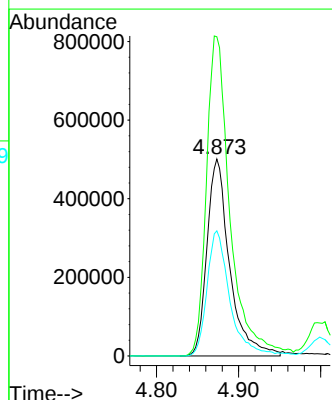
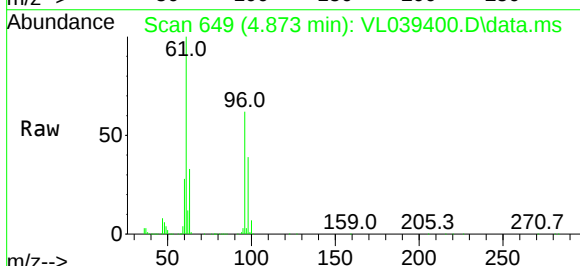
Manual Integrations
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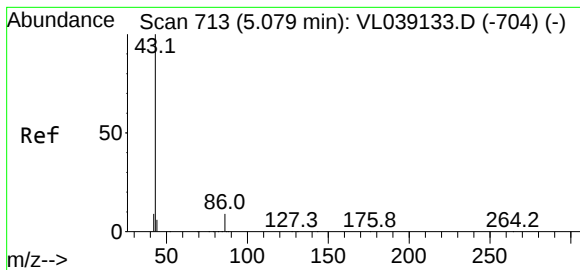
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#22
 trans-1,2-Dichloroethene
 Concen: 16.334 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

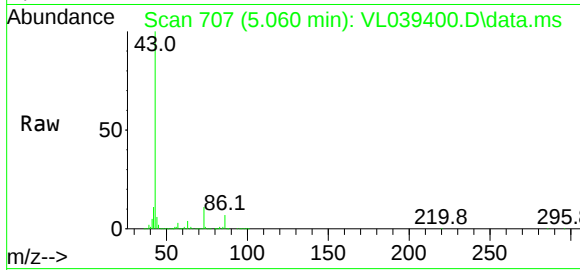
Tgt Ion: 96 Resp: 962168
 Ion Ratio Lower Upper
 96 100
 61 161.9 130.6 195.8
 98 63.5 53.4 80.0





#23
 Vinyl Acetate
 Concen: 14.557 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

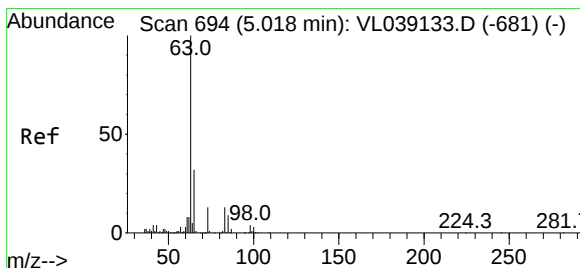
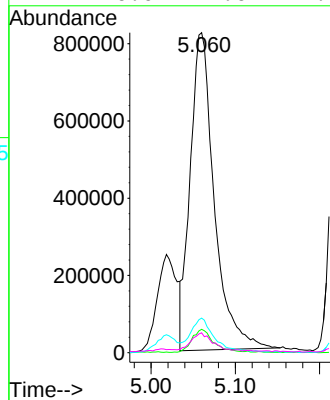
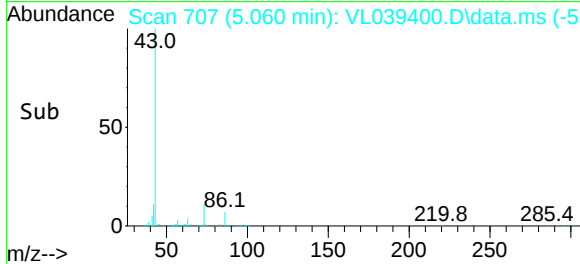
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



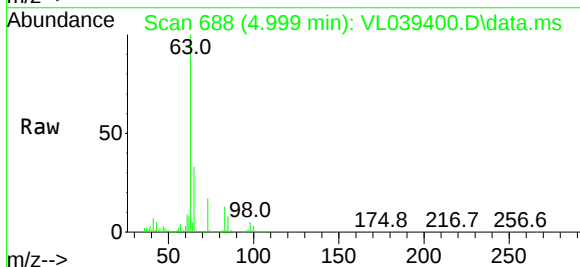
Tgt Ion: 43 Resp: 1628540
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.0 7.6
 42 10.8 7.7 11.5
 44 6.0 4.6 7.0

Manual Integrations
 APPROVED

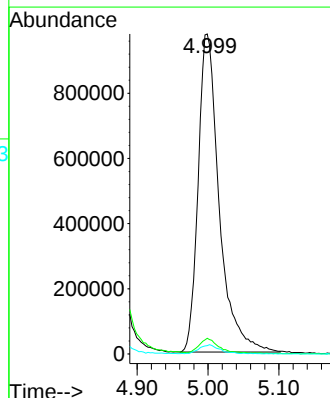
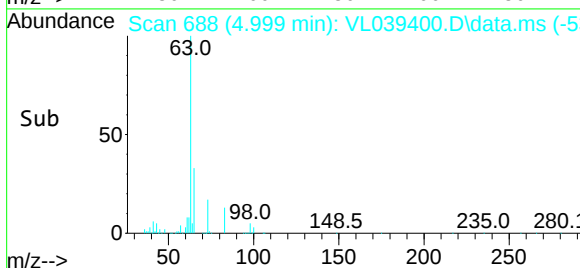
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

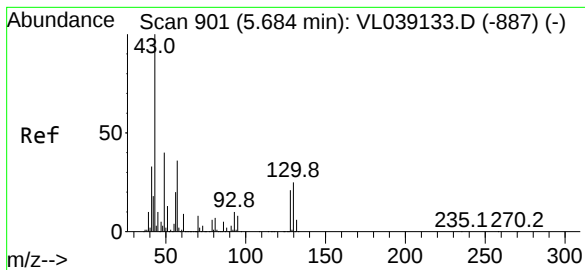


#24
 1,1-Dichloroethane
 Concen: 13.149 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. 0.003 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43



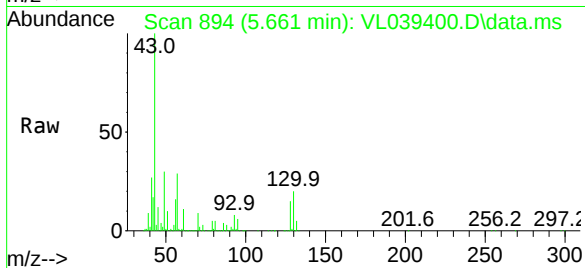
Tgt Ion: 63 Resp: 2015508
 Ion Ratio Lower Upper
 63 100
 98 4.7 1.8 5.3
 100 2.6 1.5 4.4





#25
Ethyl Acetate
Concen: 14.651 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

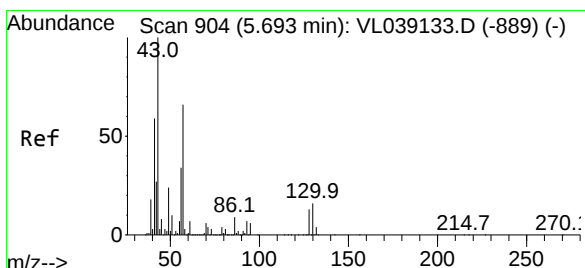
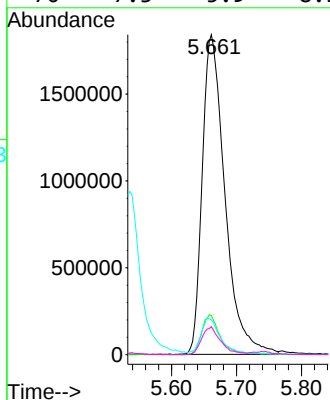
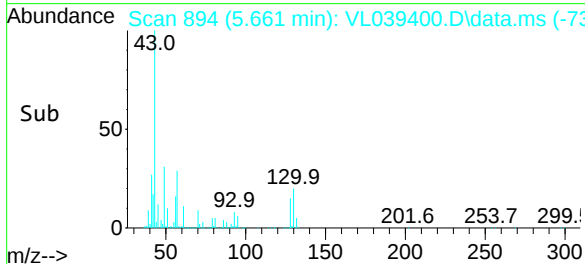
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



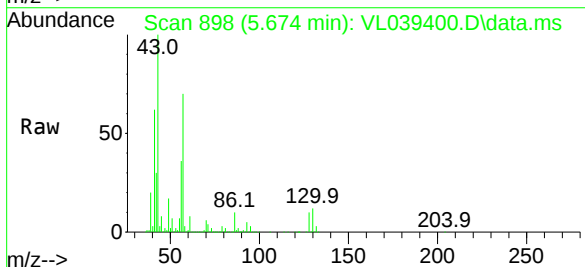
Tgt Ion: 43 Resp: 4464769
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.3 8.3 12.5
70 7.3 5.9 8.9

Manual Integrations
APPROVED

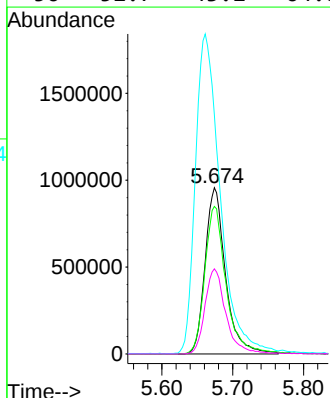
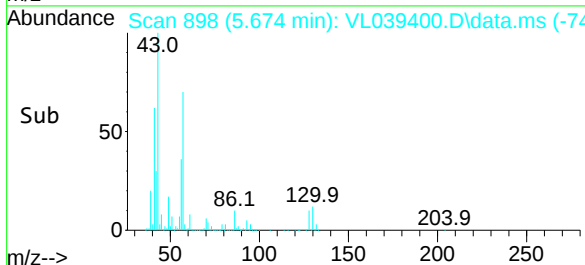
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

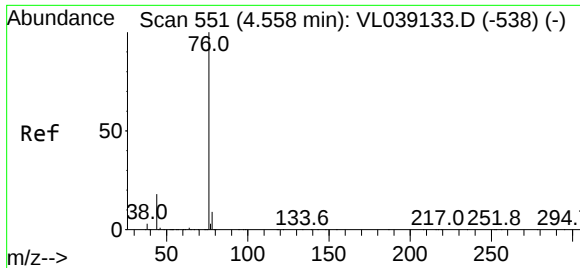


#26
Hexane
Concen: 14.323 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



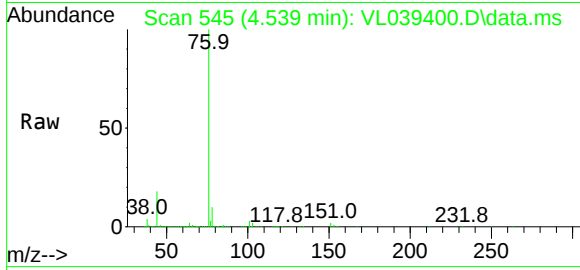
Tgt Ion: 57 Resp: 1918167
Ion Ratio Lower Upper
57 100
41 93.4 76.9 115.3
43 235.9 191.0 286.6
56 52.7 43.2 64.8





#27
Carbon Disulfide
Concen: 16.919 ppbv
RT: 4.539 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

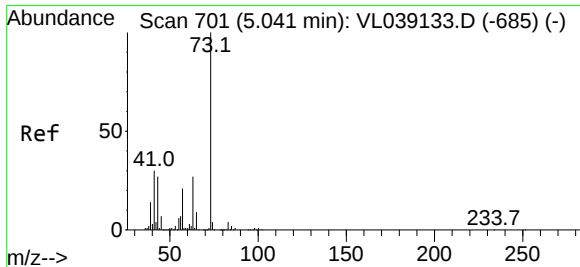
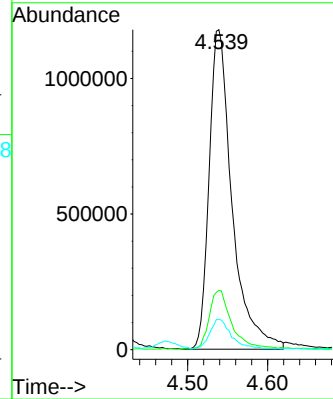
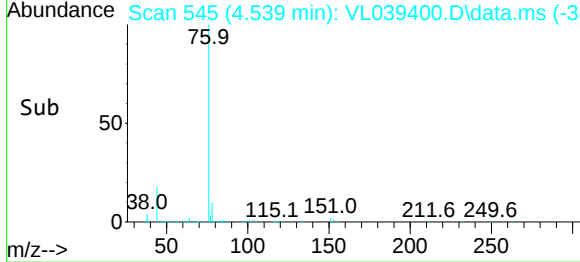
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 2348354
Ion Ratio Lower Upper
76 100
44 18.4 14.6 21.8
78 9.4 7.8 11.6

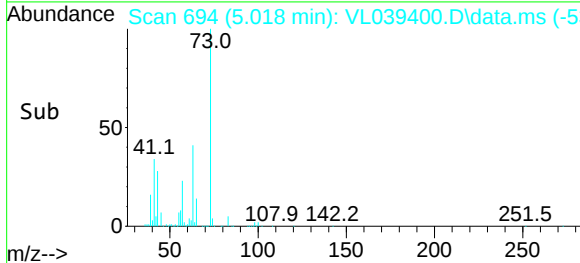
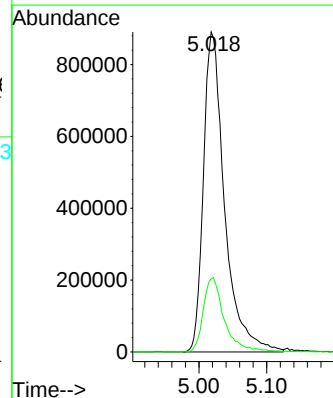
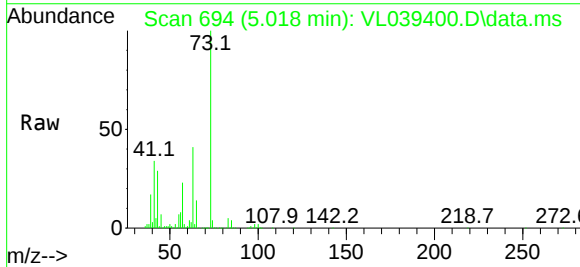
Manual Integrations
APPROVED

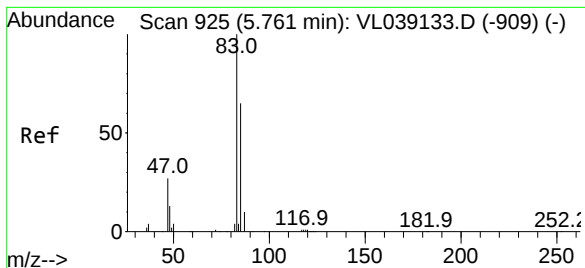
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28
Methyl tert-Butyl Ether
Concen: 13.018 ppbv
RT: 5.018 min Scan# 694
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

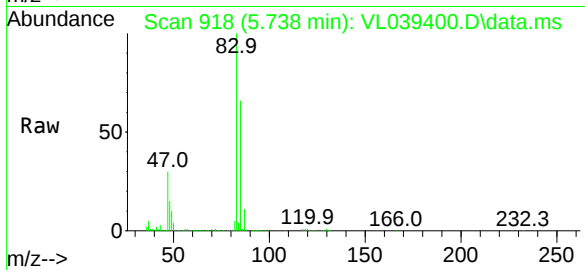
Tgt Ion: 73 Resp: 1924717
Ion Ratio Lower Upper
73 100
57 23.4 19.8 29.8





#29
Chloroform
Concen: 13.258 ppbv
RT: 5.738 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

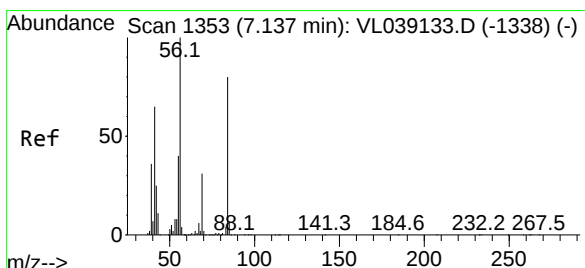
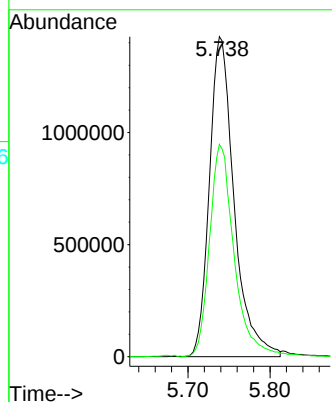
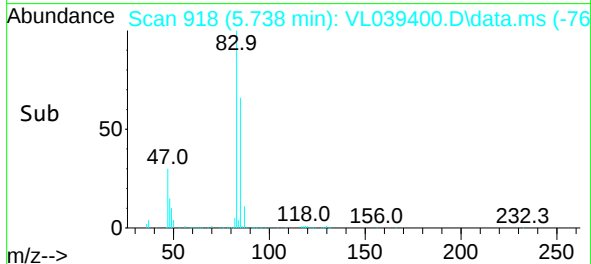
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



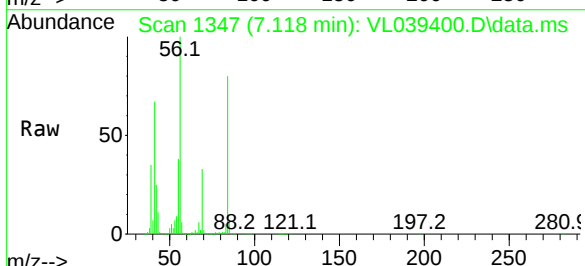
Tgt Ion: 83 Resp: 2987829
Ion Ratio Lower Upper
83 100
85 66.1 52.8 79.2

Manual Integrations
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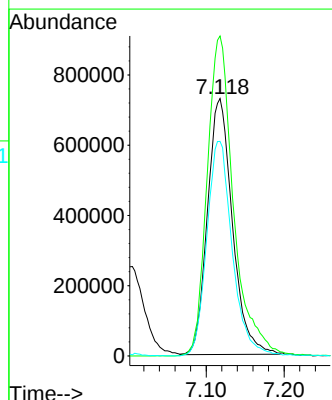
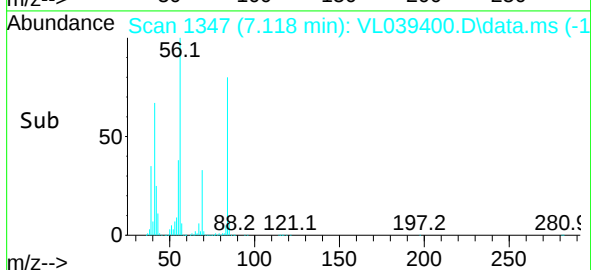
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

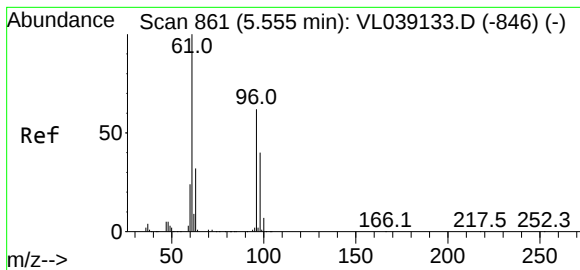


#30
Cyclohexane
Concen: 14.418 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



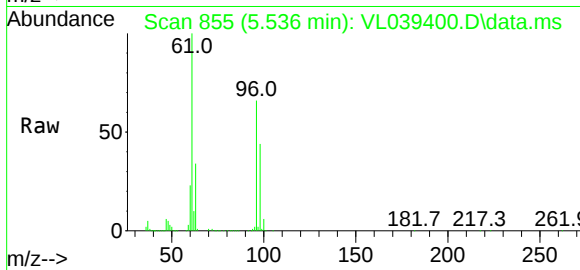
Tgt Ion: 84 Resp: 1622125
Ion Ratio Lower Upper
84 100
56 133.0 107.7 161.5
41 85.5 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 13.951 ppbv
RT: 5.536 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

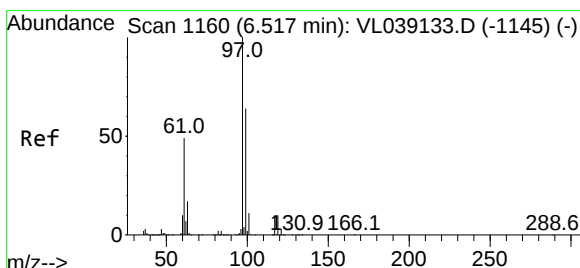
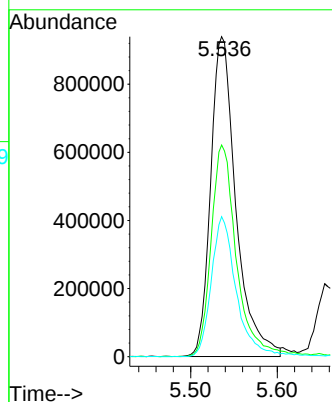
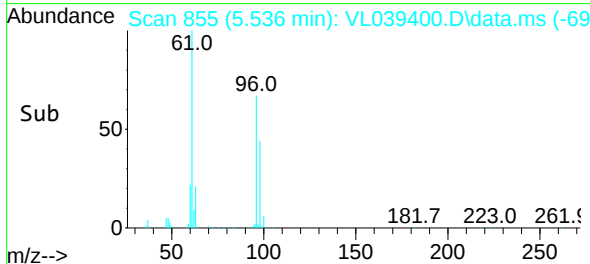
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



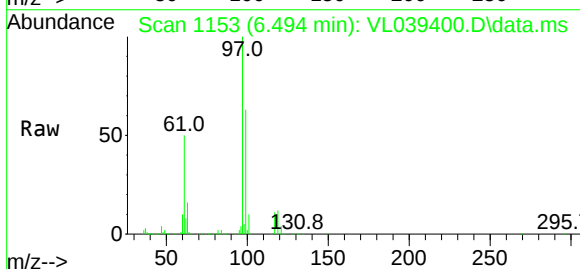
Tgt Ion: 61 Resp: 1905004
Ion Ratio Lower Upper
61 100
96 66.0 54.1 81.1
98 43.7 34.6 52.0

Manual Integrations
APPROVED

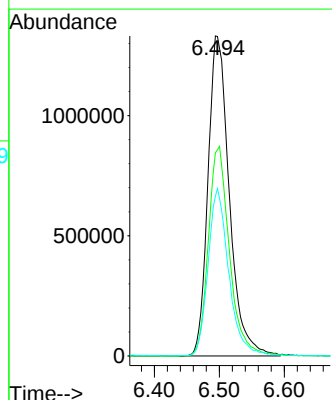
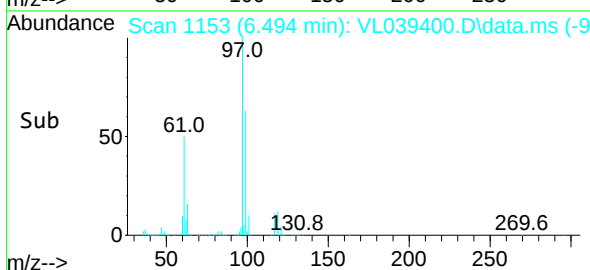
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

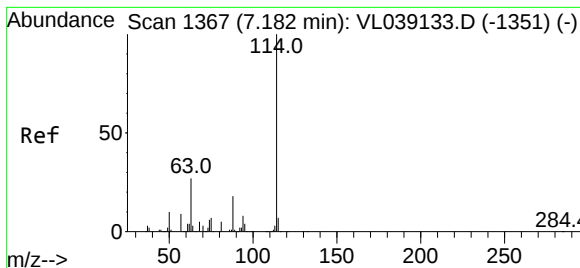


#32
1,1,1-Trichloroethane
Concen: 13.797 ppbv
RT: 6.494 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



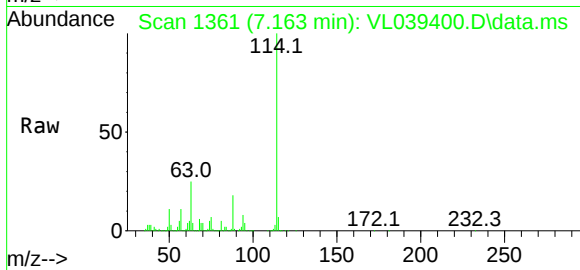
Tgt Ion: 97 Resp: 3042543
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 51.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

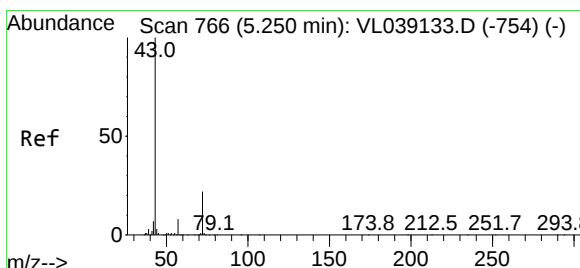
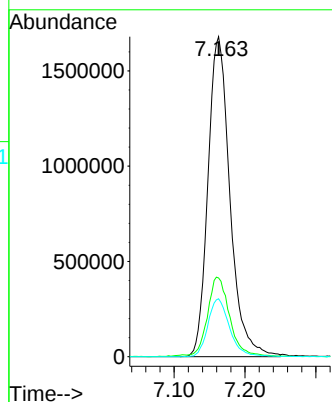
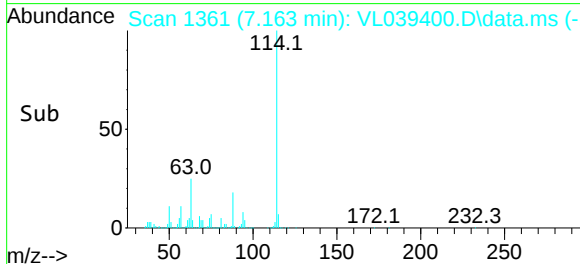
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



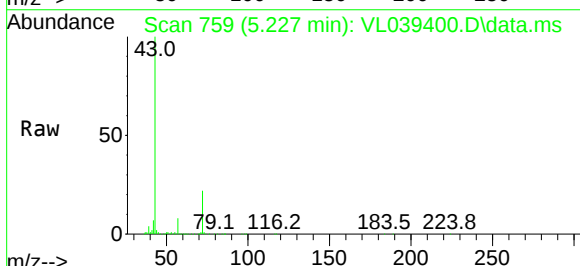
Tgt Ion:114 Resp: 362032
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 17.9 14.5 21.7

Manual Integrations
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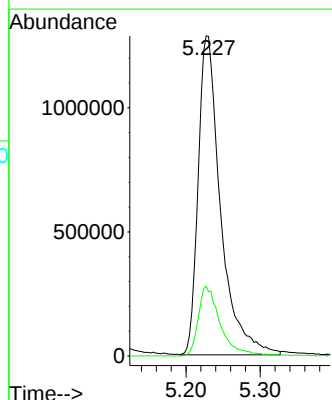
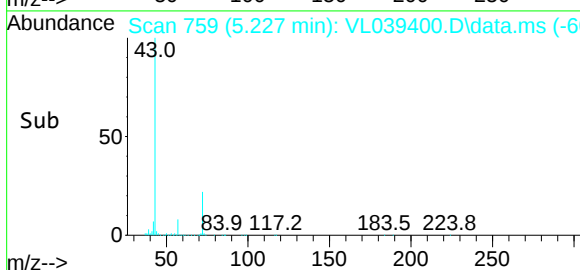
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

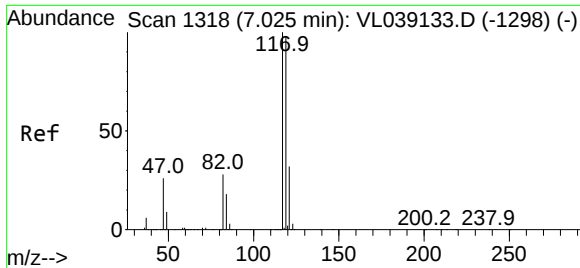


#34
2-Butanone
Concen: 13.722 ppbv
RT: 5.227 min Scan# 759
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



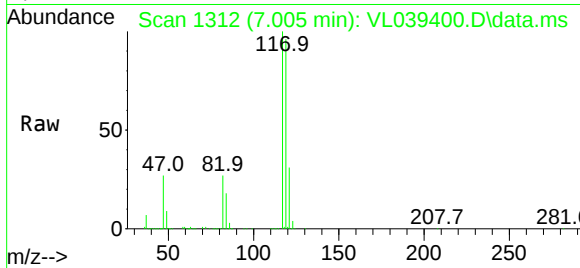
Tgt Ion: 43 Resp: 2698864
Ion Ratio Lower Upper
43 100
72 21.8 17.9 26.9





#35
Carbon Tetrachloride
Concen: 12.409 ppbv
RT: 7.005 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

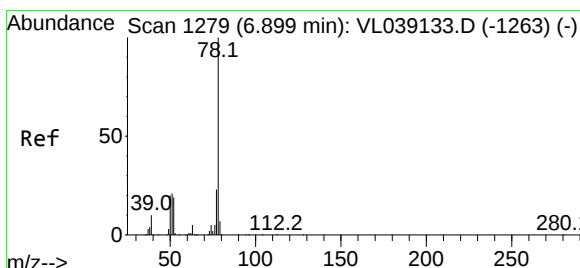
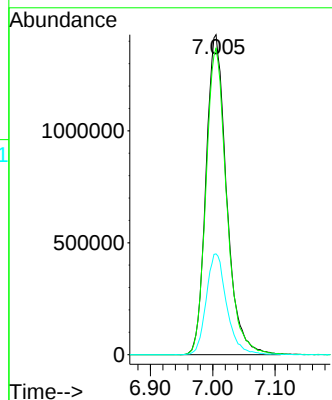
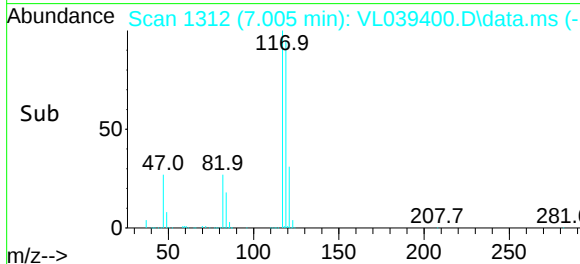
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



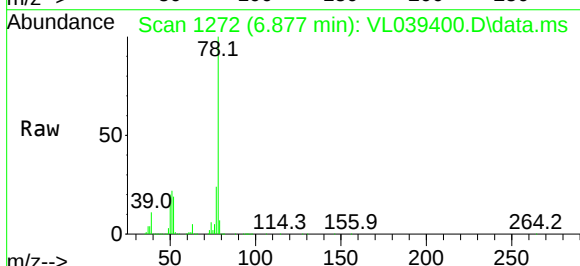
Tgt Ion:117 Resp: 327890
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.2
121 31.5 24.2 36.2

Manual Integrations
APPROVED

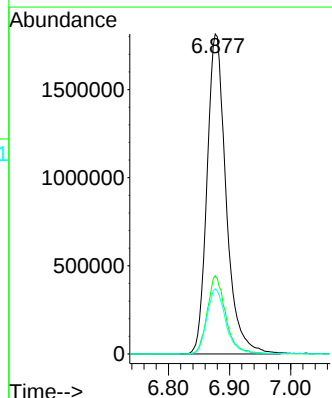
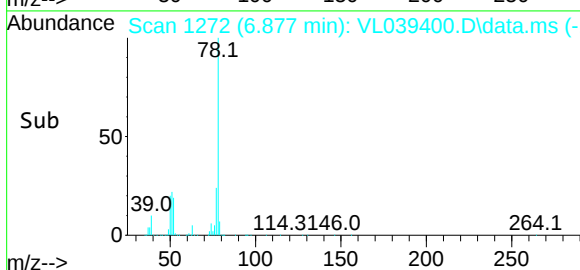
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

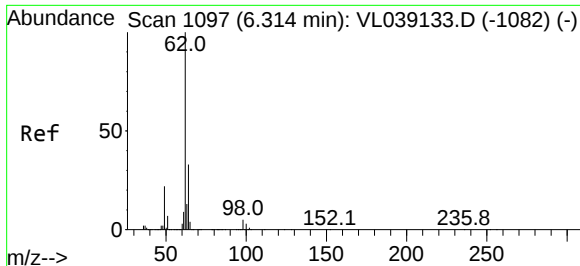


#36
Benzene
Concen: 13.395 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion: 78 Resp: 3937047
Ion Ratio Lower Upper
78 100
77 24.5 20.3 30.5
50 20.3 15.5 23.3





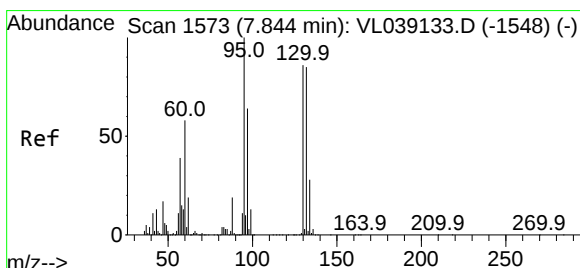
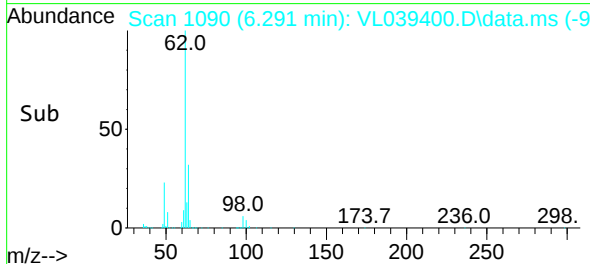
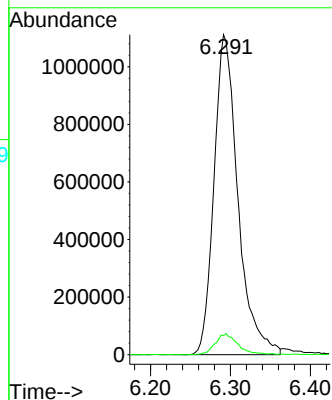
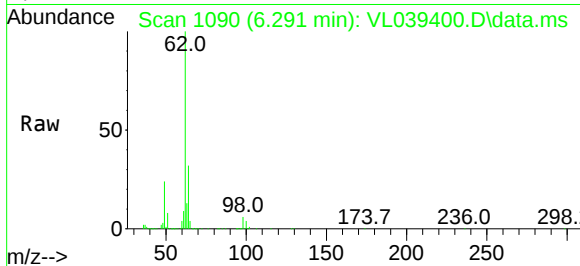
#37
1,2-Dichloroethane
Concen: 11.928 ppbv
RT: 6.291 min Scan# 1090
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 230736
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

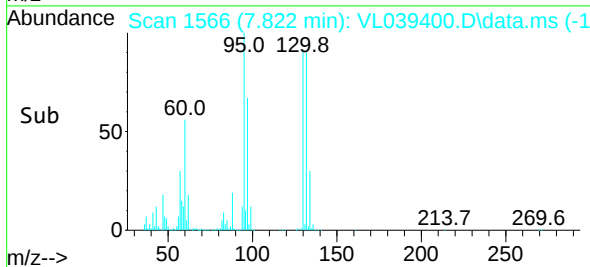
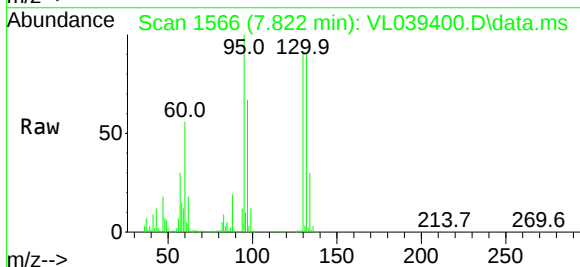
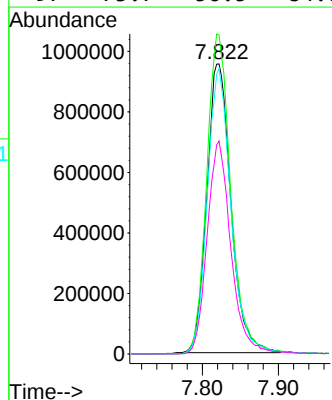
Manual Integrations
APPROVED

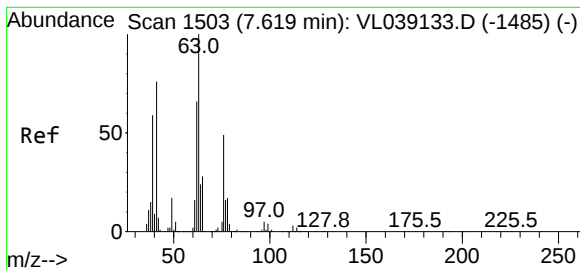
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 15.533 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

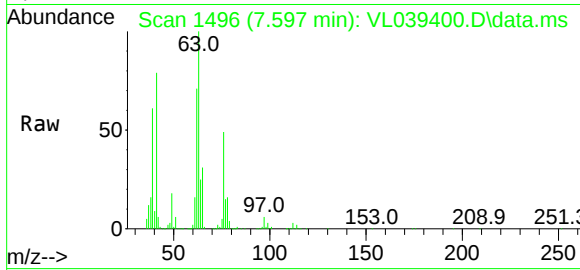
Tgt Ion:130 Resp: 2096949
Ion Ratio Lower Upper
130 100
95 110.4 87.3 130.9
132 98.7 76.7 115.1
97 73.7 56.5 84.7





#39
1,2-Dichloropropane
Concen: 12.595 ppbv
RT: 7.597 min Scan# 1496
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

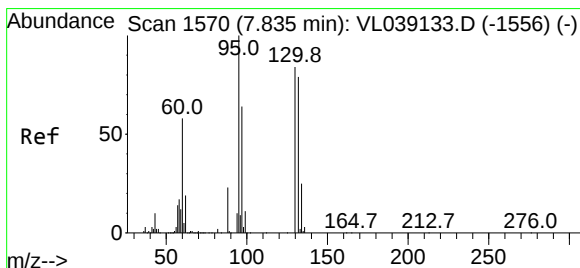
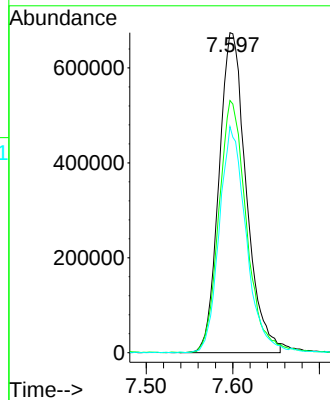
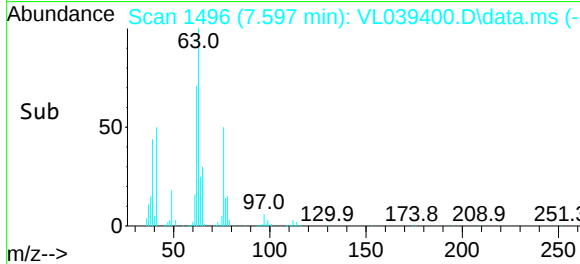
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



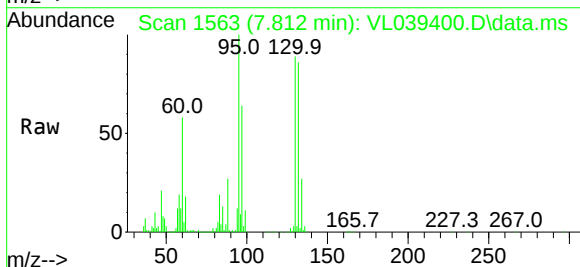
Tgt Ion: 63 Resp: 147249
Ion Ratio Lower Upper
63 100
41 78.7 59.6 89.4
62 70.4 51.4 77.0

Manual Integrations
APPROVED

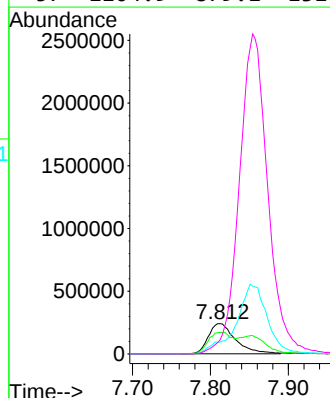
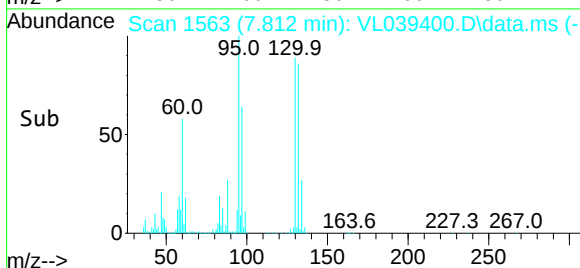
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

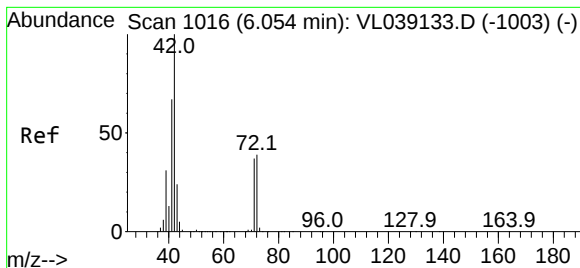


#40
1,4-Dioxane
Concen: 15.290 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



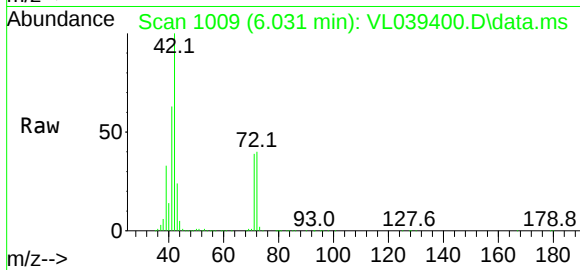
Tgt Ion: 88 Resp: 588495
Ion Ratio Lower Upper
88 100
58 124.4 100.2 150.4
43 263.7 205.8 308.6
57 1104.9 879.1 1318.7





#41
Tetrahydrofuran
Concen: 13.385 ppbv
RT: 6.031 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

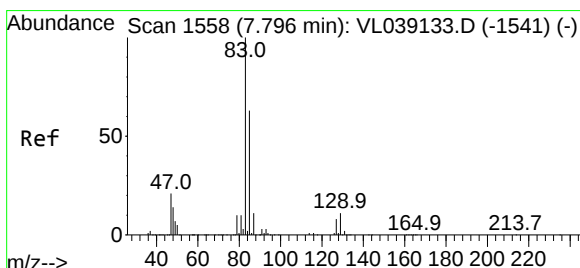
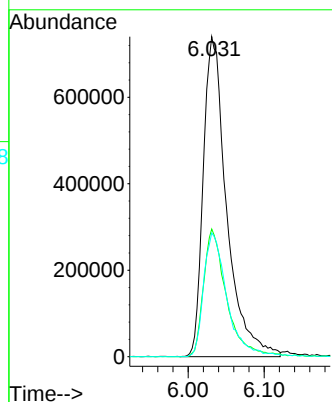
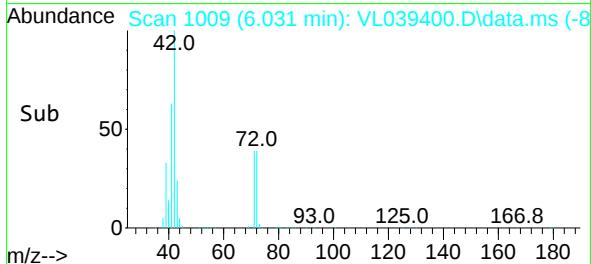
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



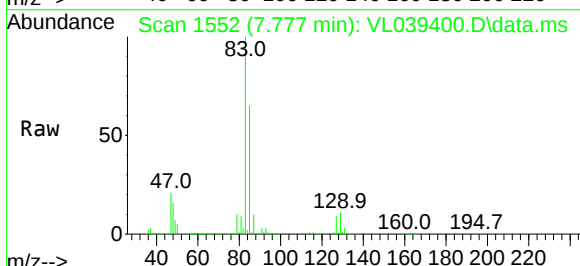
Tgt Ion: 42 Resp: 158335
Ion Ratio Lower Upper
42 100
72 39.4 31.8 47.8
71 39.1 31.8 47.8

Manual Integrations
APPROVED

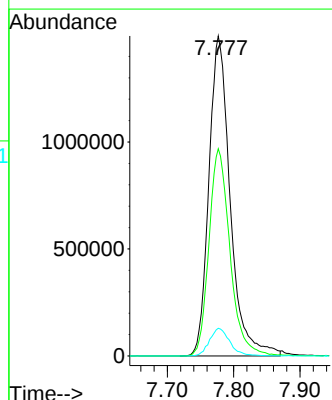
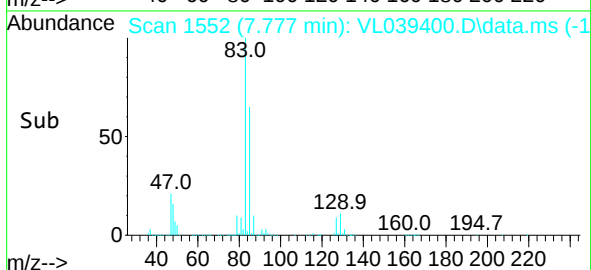
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

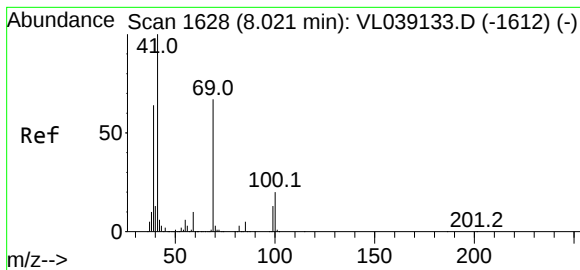


#42
Bromodichloromethane
Concen: 12.425 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



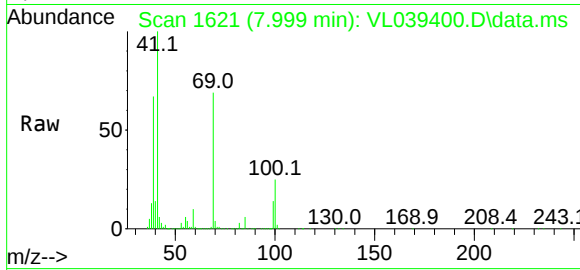
Tgt Ion: 83 Resp: 3335661
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1
127 8.6 6.6 9.8





#43
Methyl Methacrylate
Concen: 14.319 ppbv
RT: 7.999 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

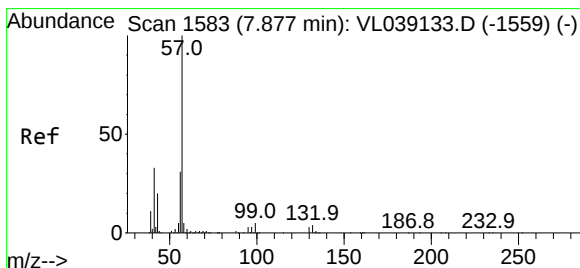
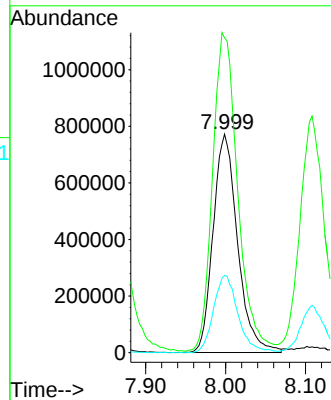
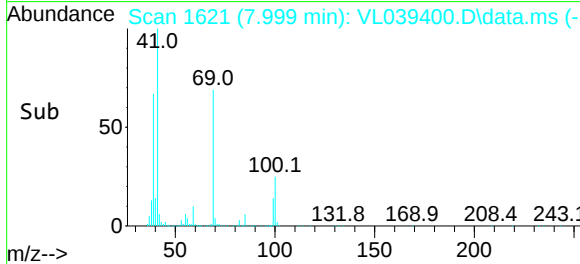
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



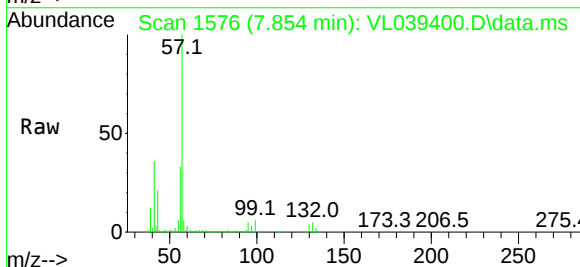
Tgt Ion: 69 Resp: 1639390
Ion Ratio Lower Upper
69 100
41 151.0 120.8 181.2
100 35.3 27.8 41.6

Manual Integrations
APPROVED

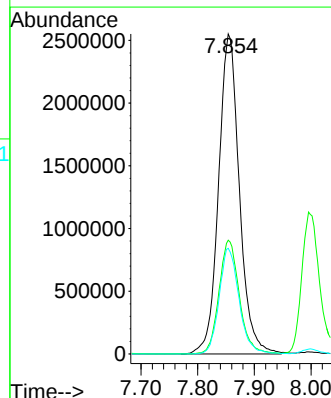
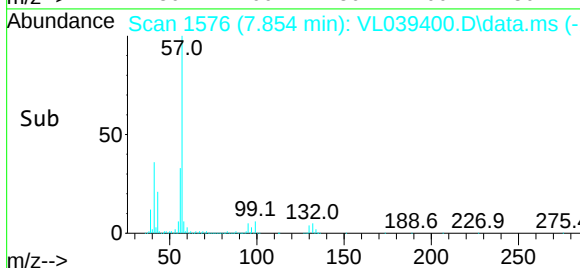
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

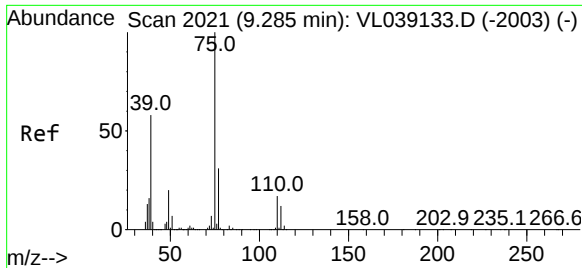


#44
2,2,4-Trimethylpentane
Concen: 12.626 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion: 57 Resp: 6491948
Ion Ratio Lower Upper
57 100
41 34.7 27.4 41.2
56 31.6 24.5 36.7





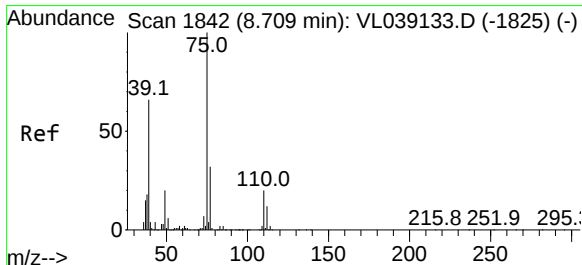
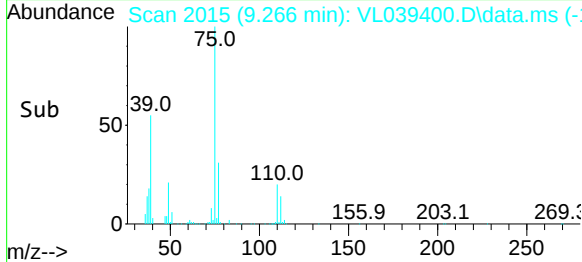
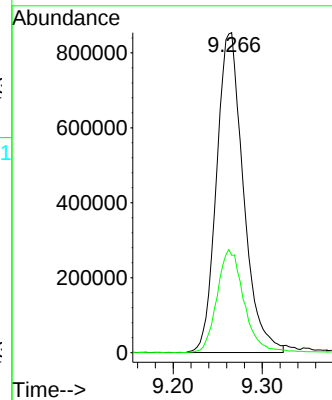
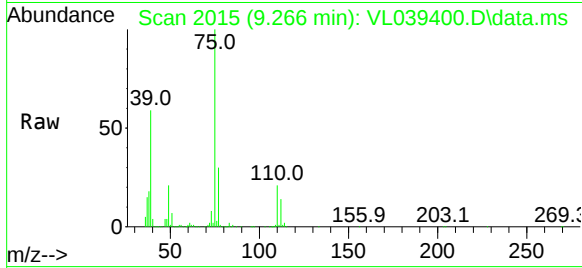
#45
 t-1,3-Dichloropropene
 Concen: 14.997 ppbv
 RT: 9.266 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 75 Resp: 178814
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8

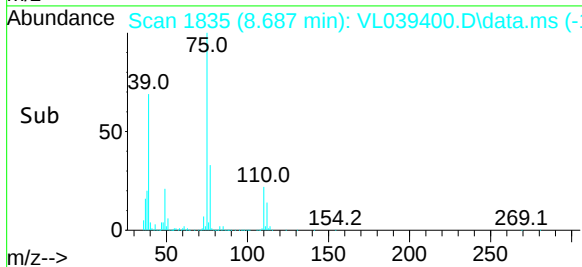
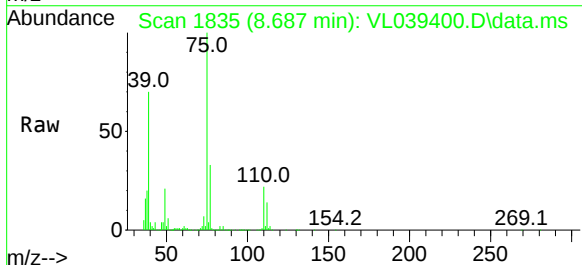
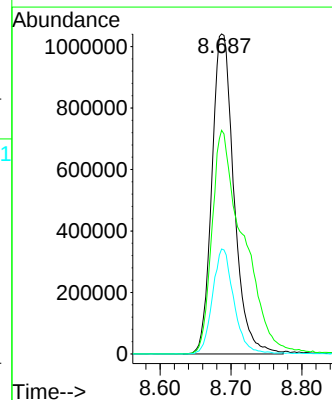
Manual Integrations
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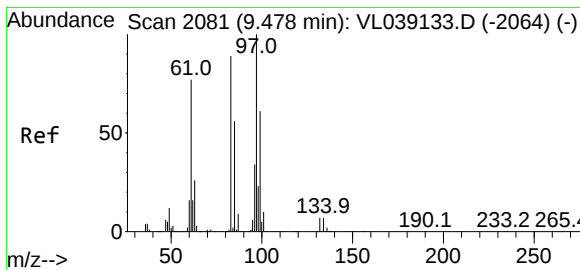
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#46
 cis-1,3-Dichloropropene
 Concen: 14.294 ppbv
 RT: 8.687 min Scan# 1835
 Delta R.T. 0.006 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

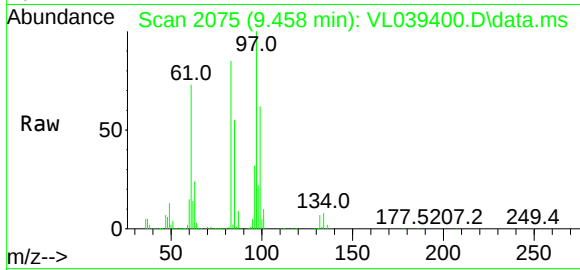
Tgt Ion: 75 Resp: 2251468
 Ion Ratio Lower Upper
 75 100
 39 69.9 55.0 82.4
 77 32.8 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 13.530 ppbv
RT: 9.458 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

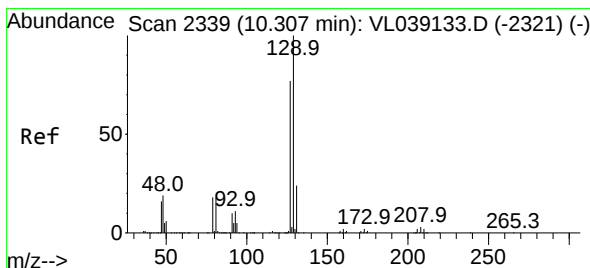
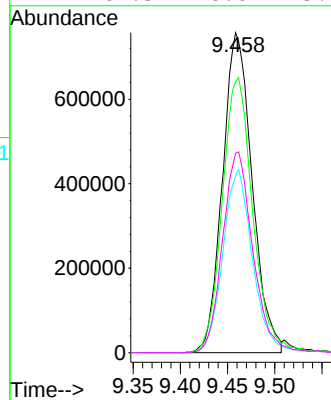
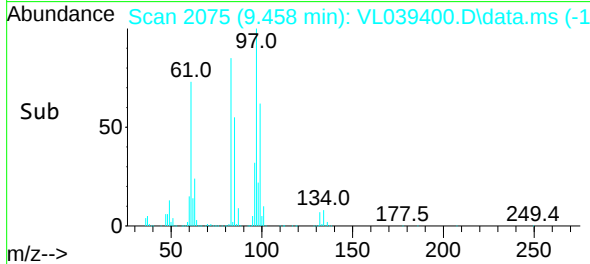


Tgt Ion: 97 Resp: 165027

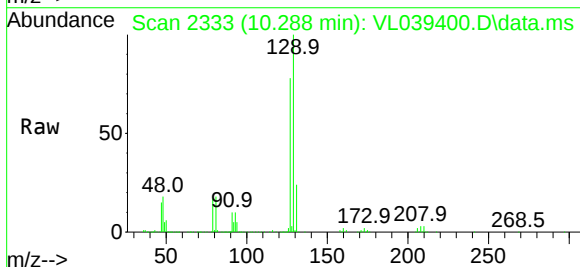
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.0
85	55.2	45.1	67.7
99	62.3	48.6	73.0

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Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

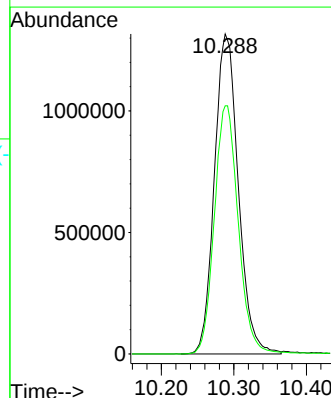
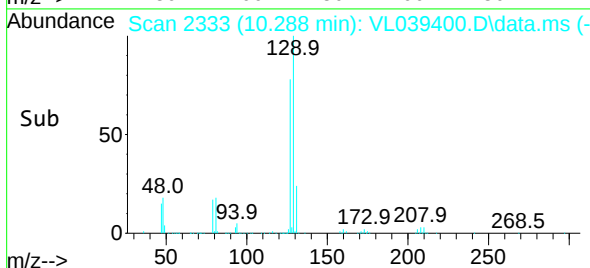


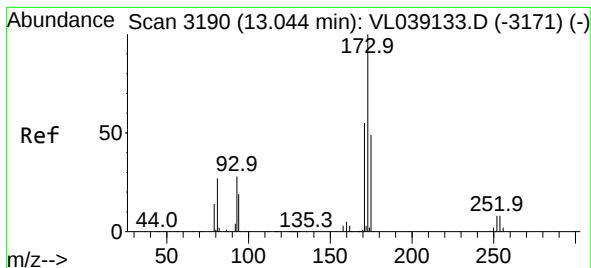
#48
Dibromochloromethane
Concen: 13.846 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion:129 Resp: 3015383

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.9





#49

Bromoform

Concen: 14.162 ppbv

RT: 13.024 min Scan# 3190

Delta R.T. 0.009 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:173 Resp: 2570340

Ion Ratio Lower Upper

173 100

175 50.0 40.3 60.5

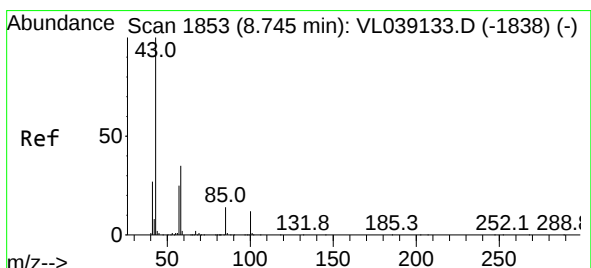
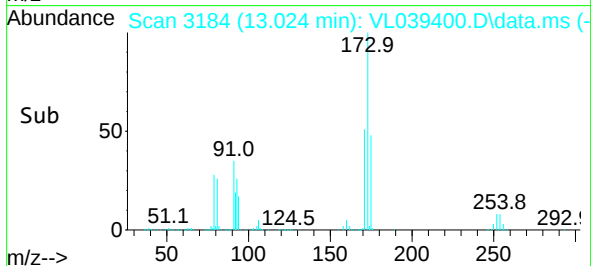
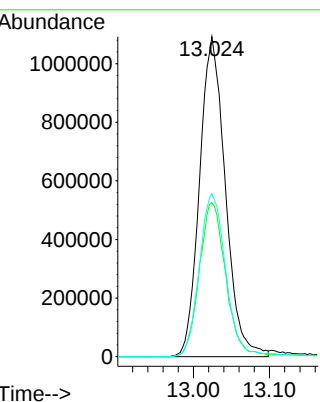
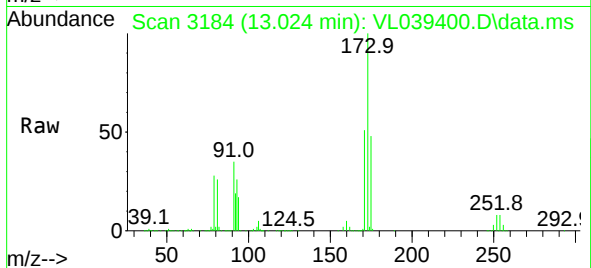
171 53.0 42.9 64.3

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#50

4-Methyl-2-Pentanone

Concen: 14.260 ppbv

RT: 8.722 min Scan# 1846

Delta R.T. 0.003 min

Lab File: VL039400.D

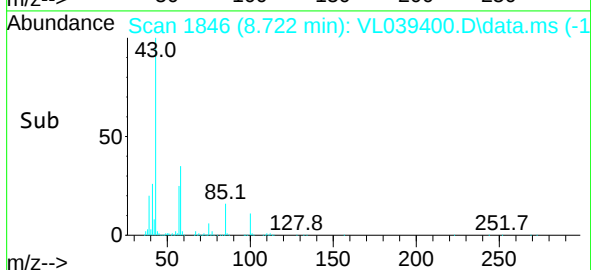
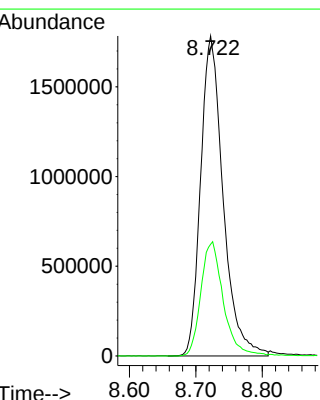
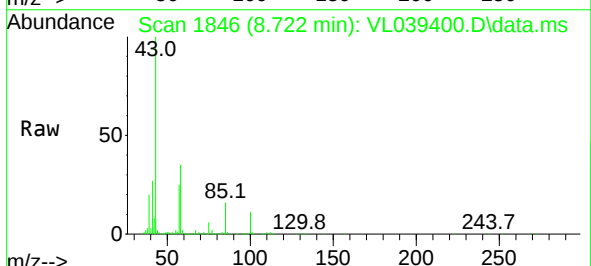
Acq: 29 Jun 2022 15:43

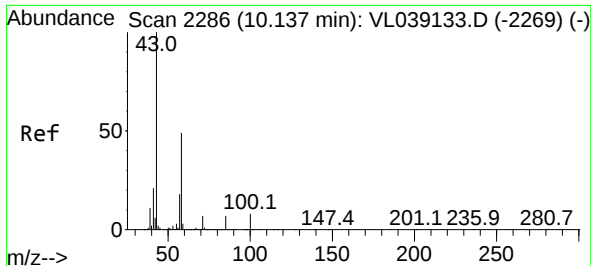
Tgt Ion: 43 Resp: 4198224

Ion Ratio Lower Upper

43 100

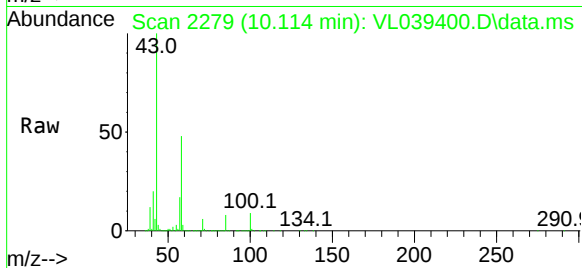
58 35.9 28.8 43.2





#51
2-Hexanone
Concen: 14.648 ppbv
RT: 10.114 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

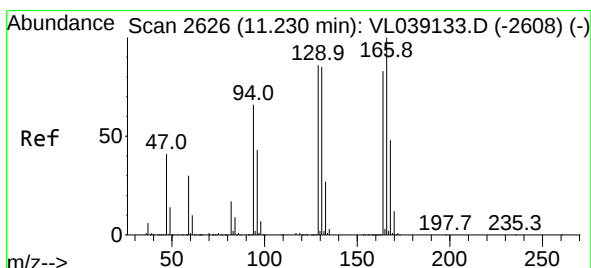
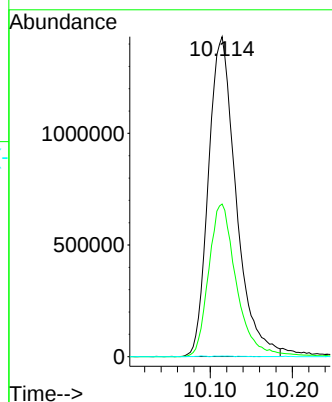
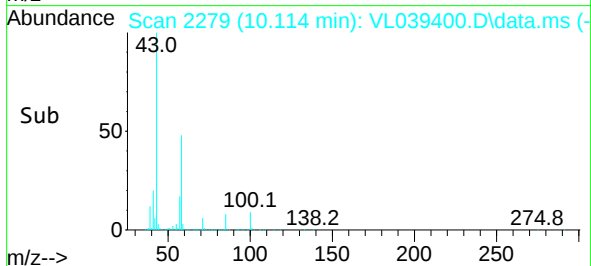
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



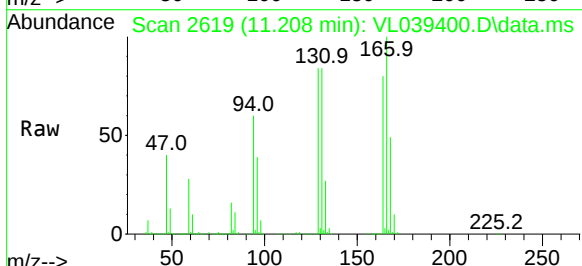
Tgt Ion: 43 Resp: 3355780
Ion Ratio Lower Upper
43 100
58 48.2 38.4 57.6
98 0.2 0.3 0.5

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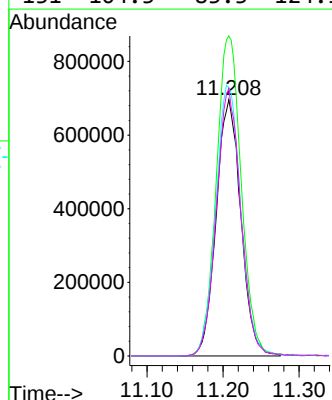
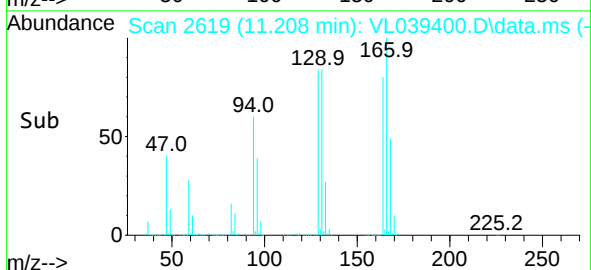
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

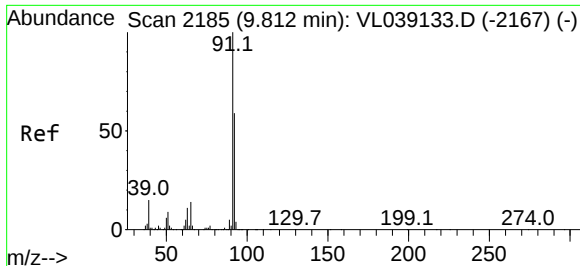


#52
Tetrachloroethene
Concen: 13.611 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. 0.009 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



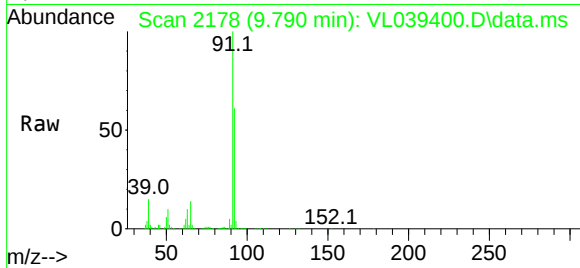
Tgt Ion:164 Resp: 1562014
Ion Ratio Lower Upper
164 100
166 124.8 102.2 153.2
129 104.6 85.8 128.8
131 104.3 83.3 124.9





#53
Toluene
Concen: 14.078 ppbv
RT: 9.790 min Scan# 2185
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

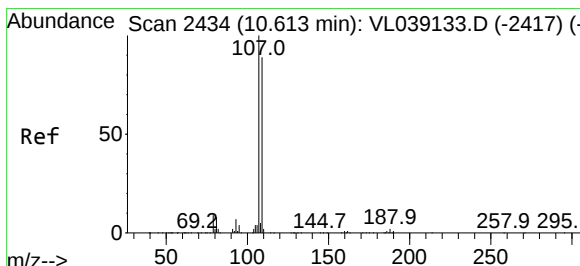
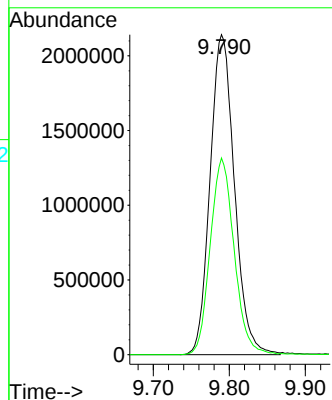
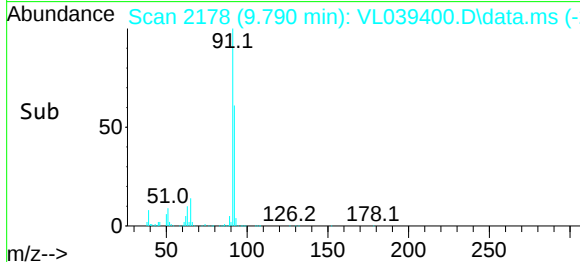
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



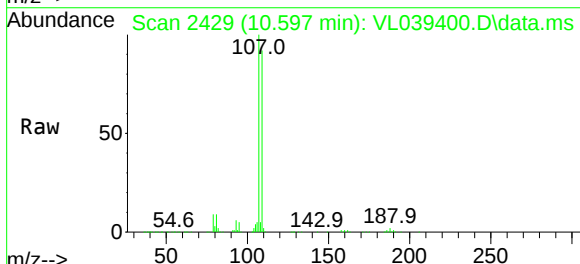
Tgt Ion: 91 Resp: 4764490
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.2

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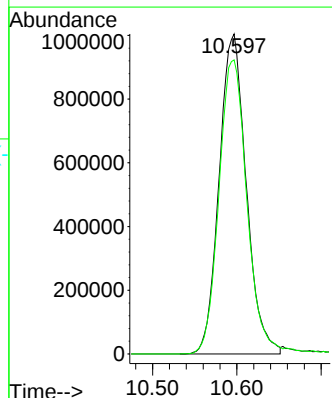
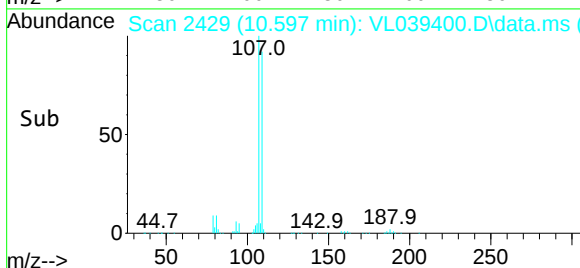
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

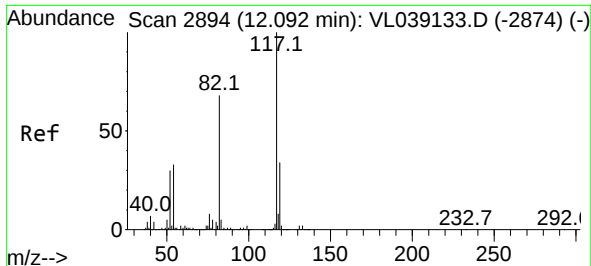


#54
1,2-Dibromoethane
Concen: 13.660 ppbv
RT: 10.597 min Scan# 2429
Delta R.T. 0.009 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



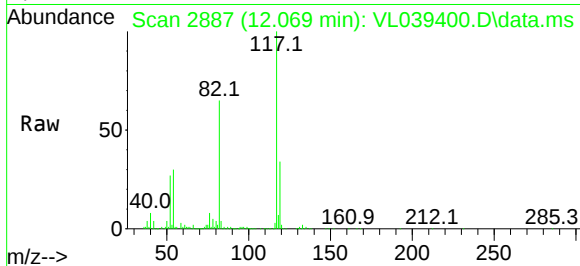
Tgt Ion:107 Resp: 2238808
Ion Ratio Lower Upper
107 100
109 91.9 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

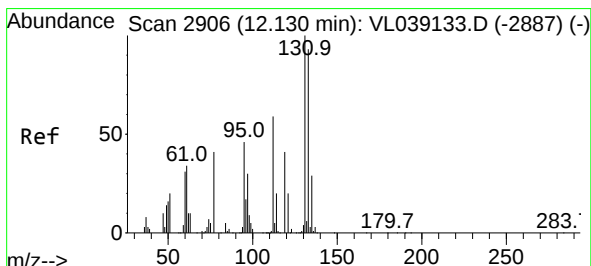
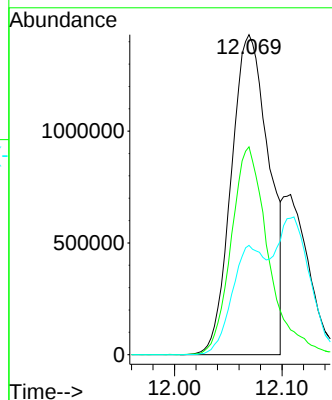
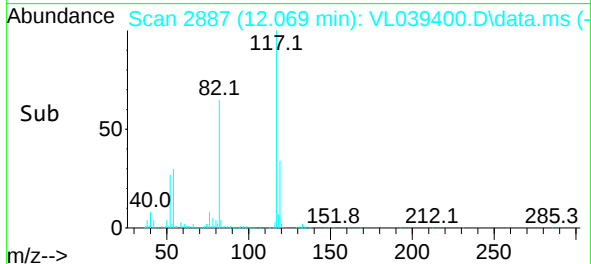
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



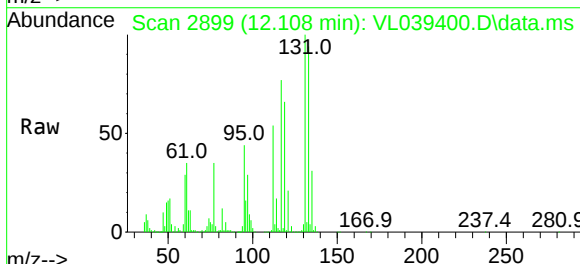
Tgt Ion:117 Resp: 3495910
Ion Ratio Lower Upper
117 100
82 64.9 50.8 76.2
119 0.0 24.1 36.1

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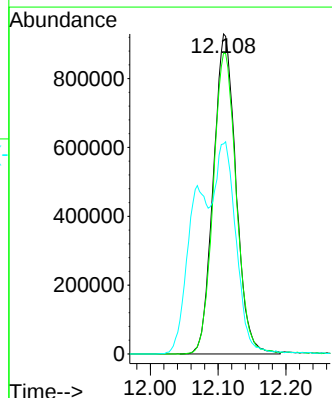
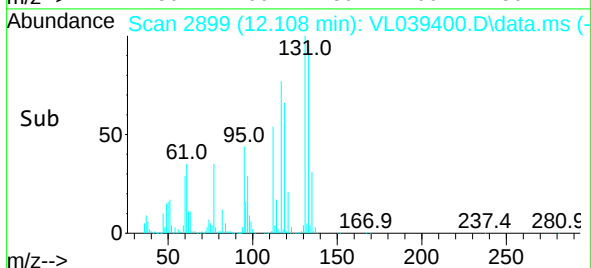
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

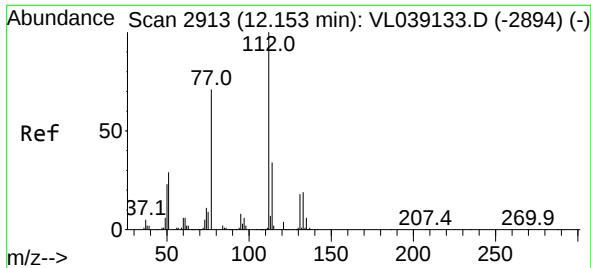


#56
1,1,1,2-Tetrachloroethane
Concen: 13.020 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



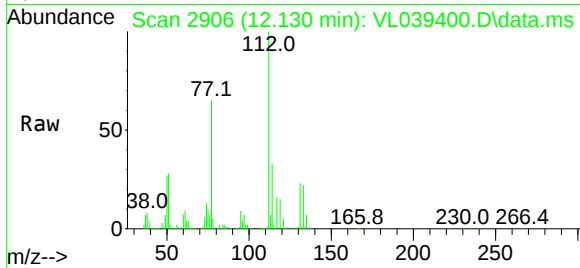
Tgt Ion:131 Resp: 2153710
Ion Ratio Lower Upper
131 100
133 96.3 76.8 115.2
119 115.3 46.2 69.4





#57
Chlorobenzene
Concen: 13.973 ppbv
RT: 12.130 min Scan# 2913
Delta R.T. 0.009 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

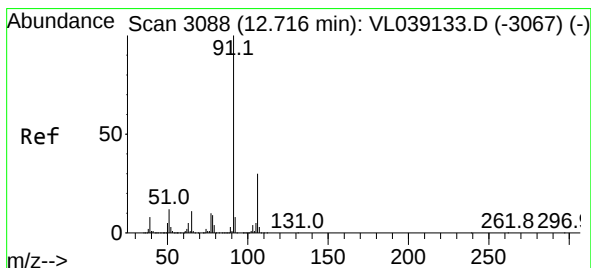
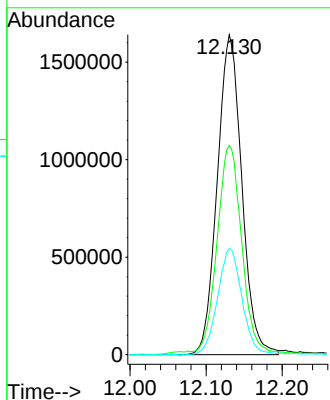
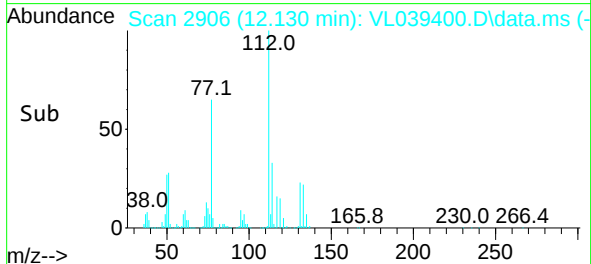
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



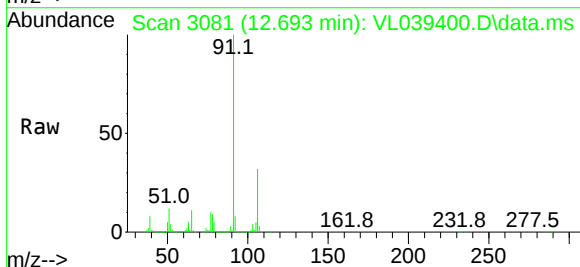
Tgt Ion: 112 Resp: 367556
Ion Ratio Lower Upper
112 100
77 64.5 51.0 76.4
114 33.2 27.5 33.6

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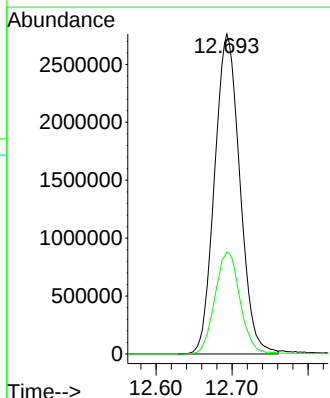
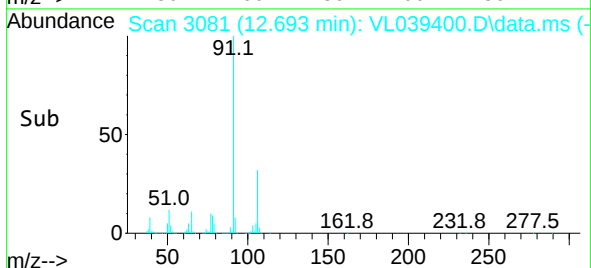
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

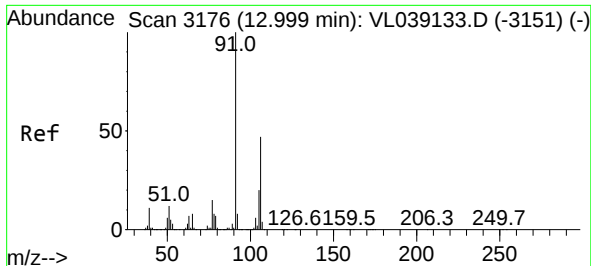


#58
Ethyl Benzene
Concen: 13.222 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion: 91 Resp: 6367091
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0





#59

m/p-Xylene

Concen: 25.822 ppbv m

RT: 12.976 min Scan# 3176

Delta R.T. 0.003 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp:1094984

Ion Ratio Lower Upper

91 100

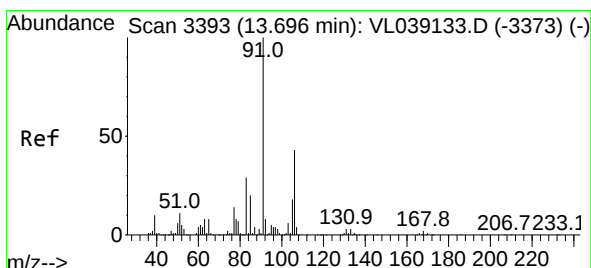
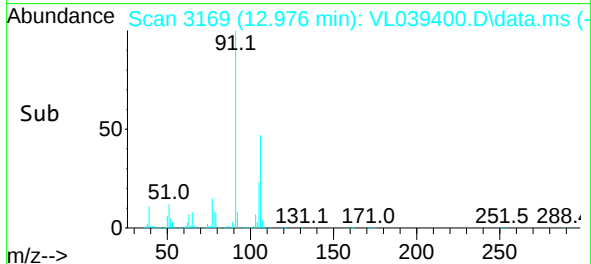
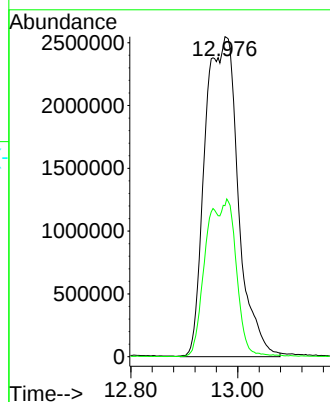
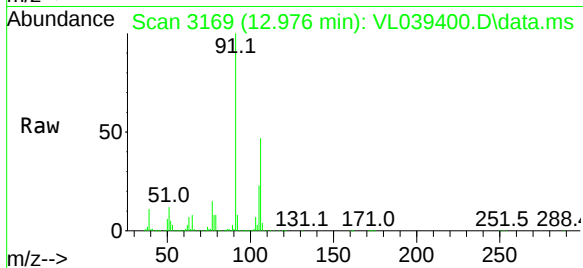
106 45.5 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#60

o-Xylene

Concen: 13.212 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. 0.006 min

Lab File: VL039400.D

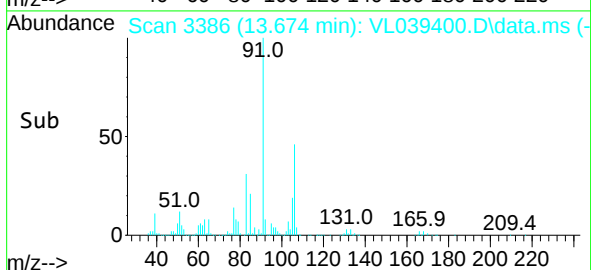
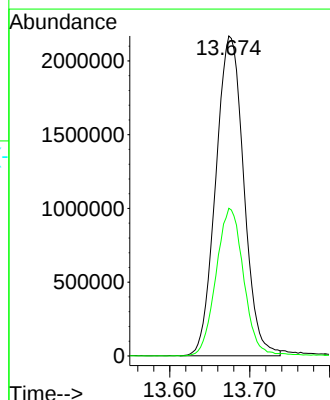
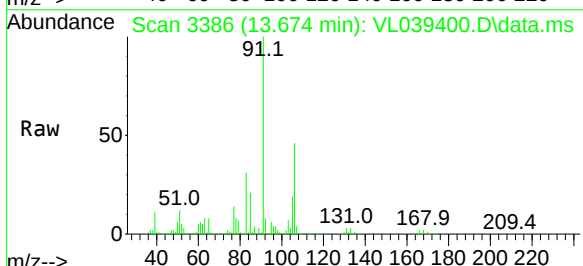
Acq: 29 Jun 2022 15:43

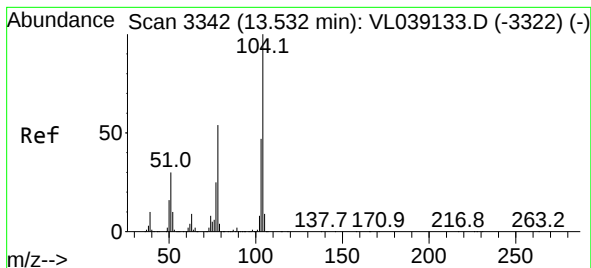
Tgt Ion: 91 Resp: 5264420

Ion Ratio Lower Upper

91 100

106 46.2 22.4 67.3





#61

Styrene

Concen: 15.402 ppbv

RT: 13.510 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:104 Resp: 3286500

Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

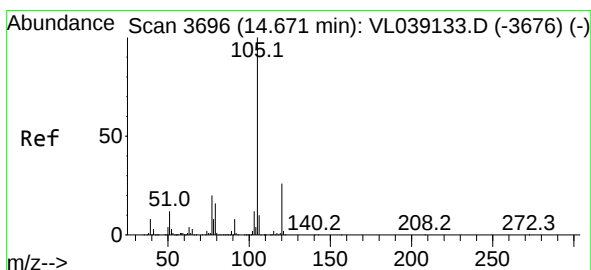
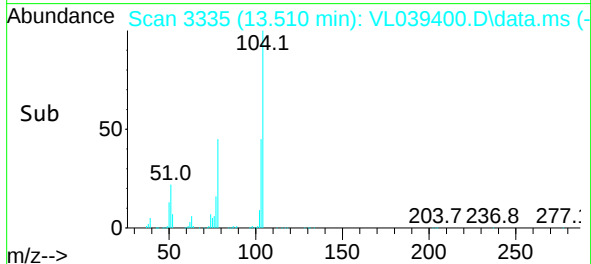
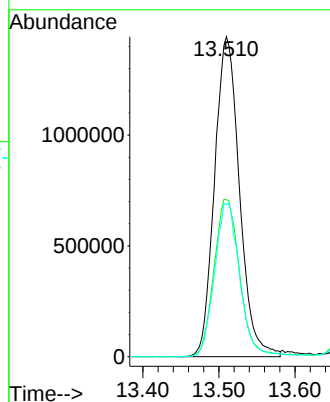
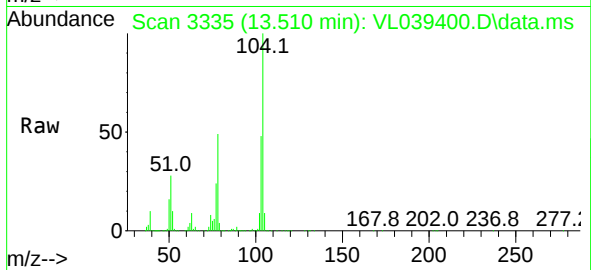
103 48.9 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#62

Isopropylbenzene

Concen: 13.012 ppbv

RT: 14.651 min Scan# 3690

Delta R.T. 0.006 min

Lab File: VL039400.D

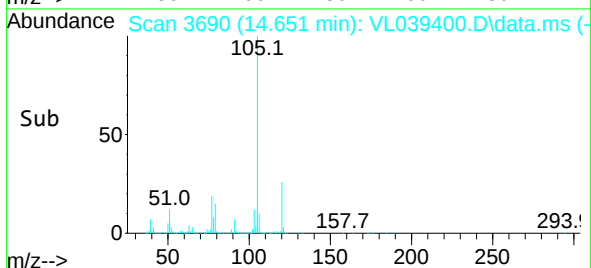
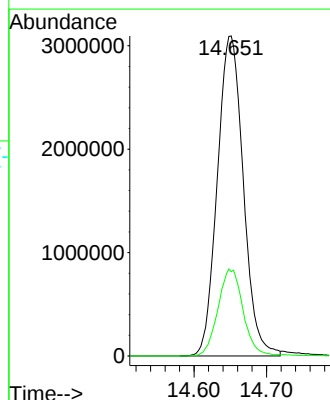
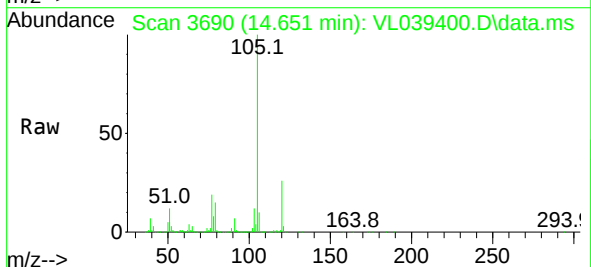
Acq: 29 Jun 2022 15:43

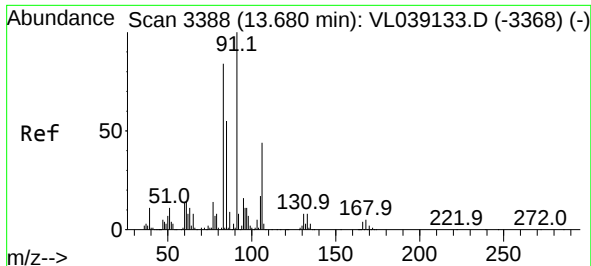
Tgt Ion:105 Resp: 7706444

Ion Ratio Lower Upper

105 100

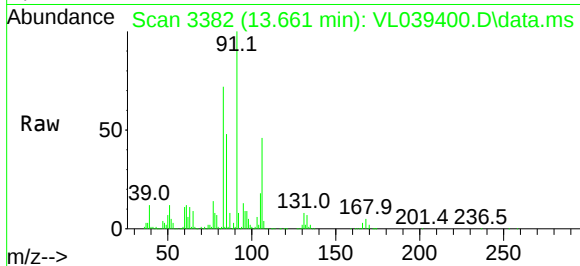
120 26.5 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 11.215 ppbv
RT: 13.661 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

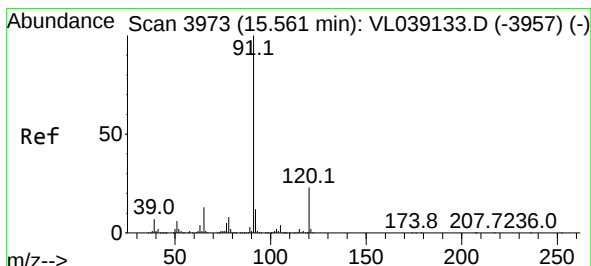
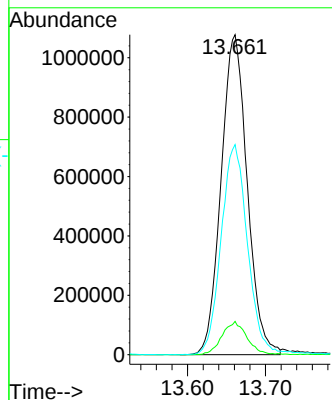
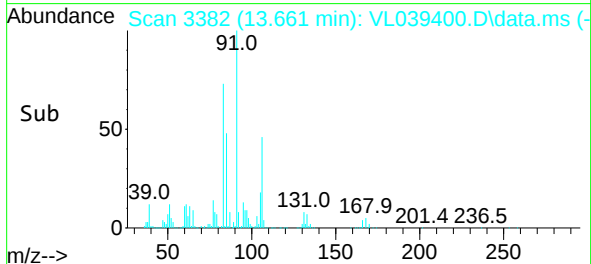
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



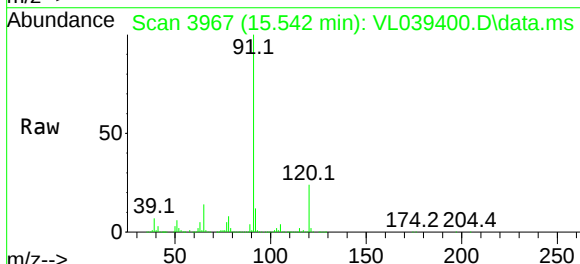
Tgt Ion: 83 Resp: 250827
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.4 33.1 99.5

Manual Integrations
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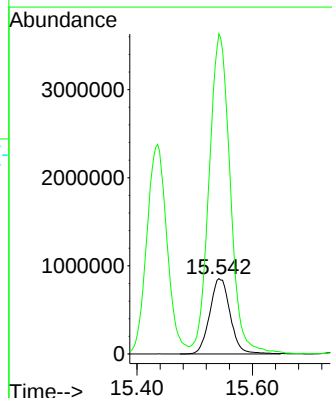
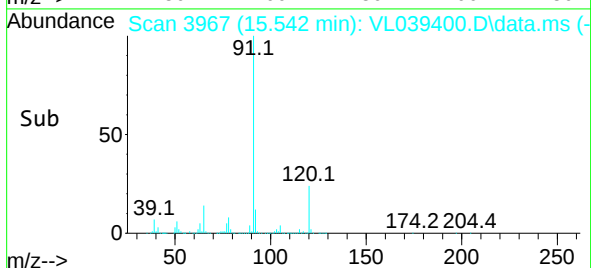
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

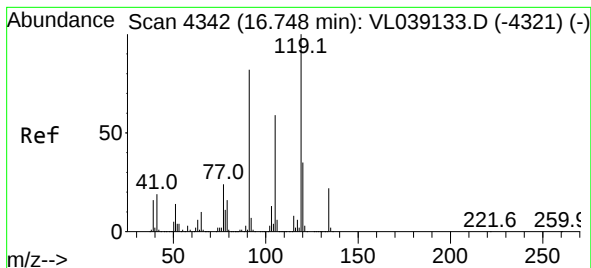


#64
n-propylbenzene
Concen: 14.439 ppbv
RT: 15.542 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



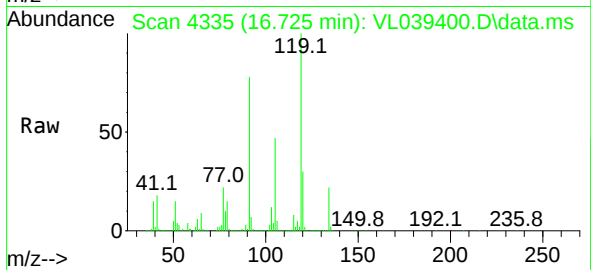
Tgt Ion:120 Resp: 2102128
Ion Ratio Lower Upper
120 100
91 440.7 367.2 550.8





#65
tert-Butylbenzene
Concen: 12.980 ppbv
RT: 16.725 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

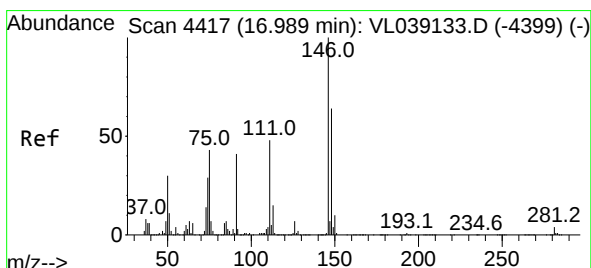
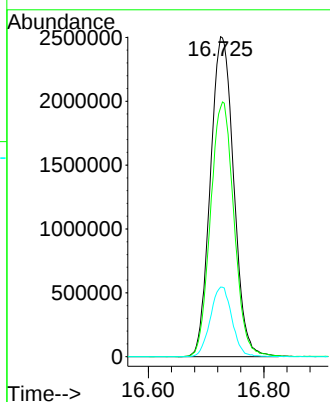
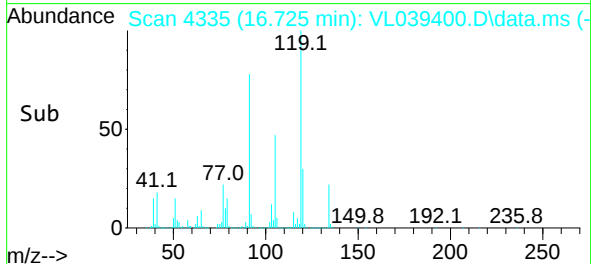
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



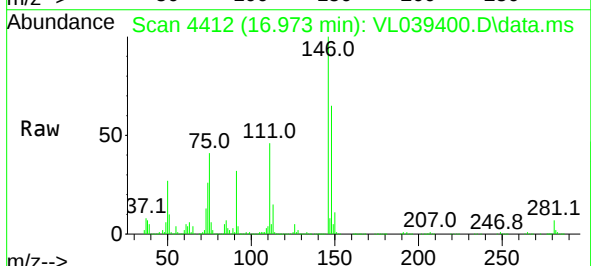
Tgt Ion: 119 Resp: 7029250
Ion Ratio Lower Upper
119 100
91 80.0 63.4 95.2
134 20.2 15.9 23.9

Manual Integrations
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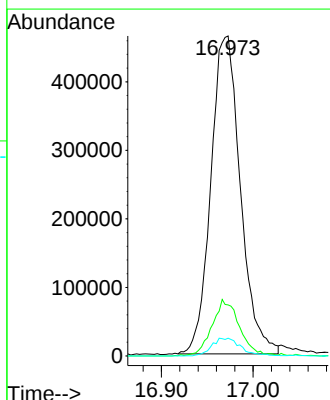
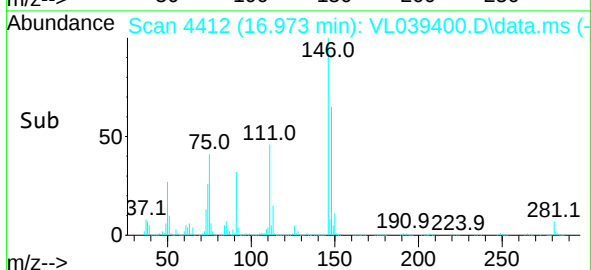
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

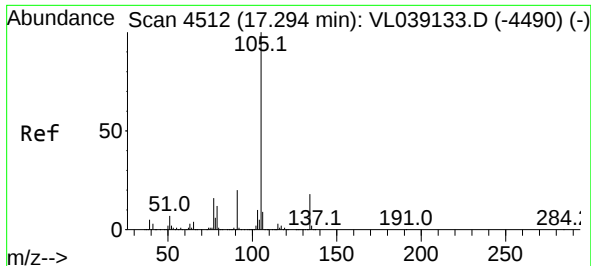


#66
Benzyl Chloride
Concen: 14.761 ppbv
RT: 16.973 min Scan# 4412
Delta R.T. 0.010 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion: 91 Resp: 1039433
Ion Ratio Lower Upper
91 100
126 16.6 13.1 19.7
128 5.5 4.4 6.6





#67

sec-Butylbenzene

Concen: 12.926 ppbv

RT: 17.275 min Scan# 4512

Delta R.T. 0.006 min

Lab File: VL039400.D

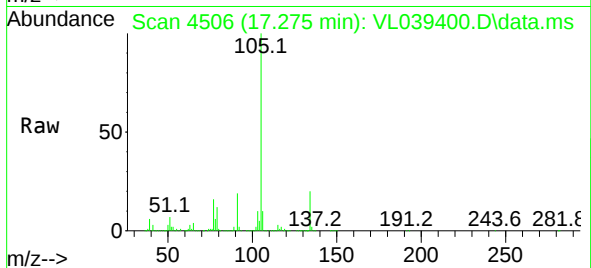
Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion: 105 Resp: 955159

Ion Ratio Lower Upper

105 100

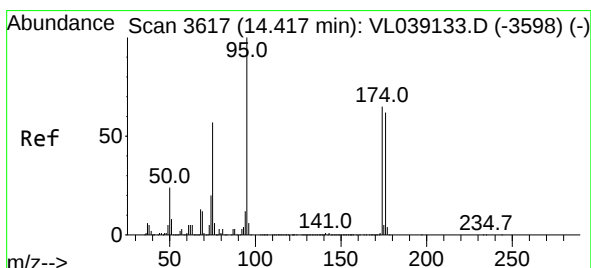
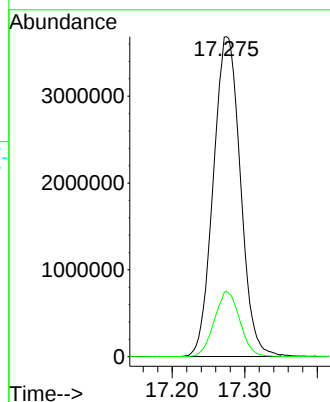
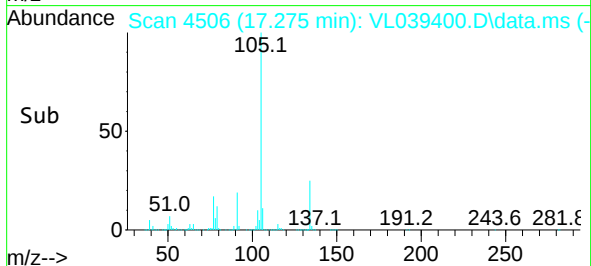
134 19.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.239 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. 0.006 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

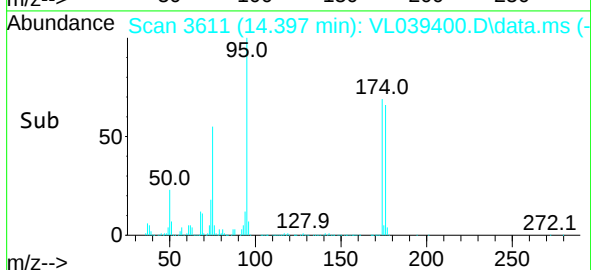
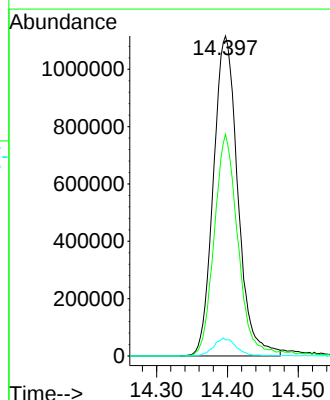
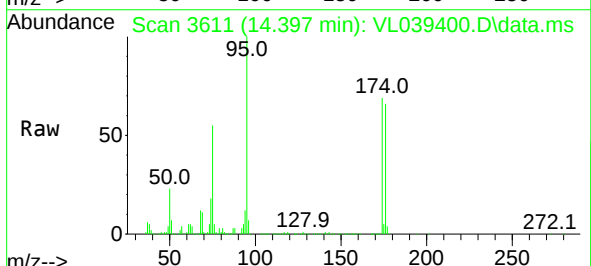
Tgt Ion: 95 Resp: 2670213

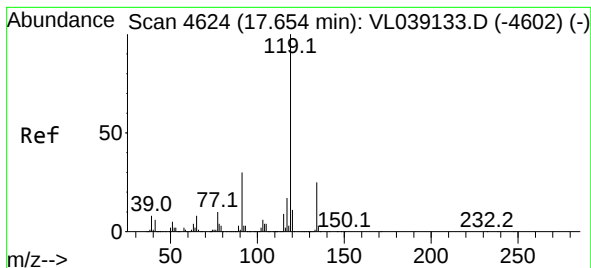
Ion Ratio Lower Upper

95 100

174 68.8 55.9 83.9

175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 13.301 ppbv

RT: 17.632 min Scan# 4617

Delta R.T. 0.006 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 8292354

Ion Ratio Lower Upper

119 100

134 26.2 20.3 30.5

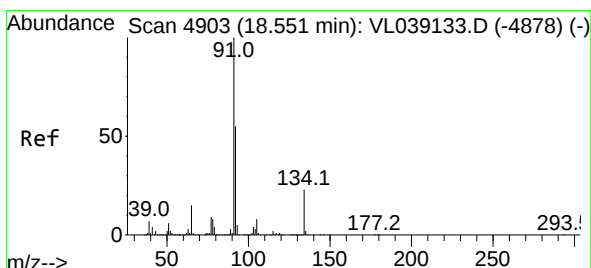
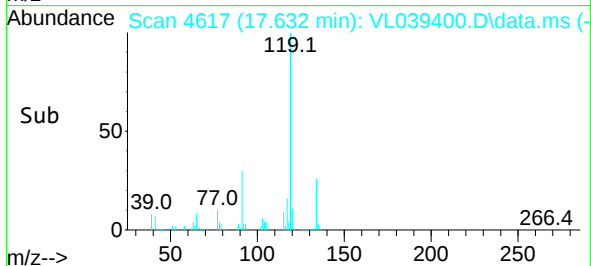
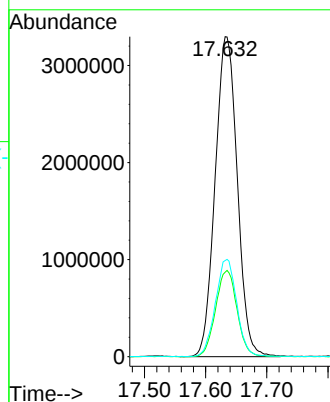
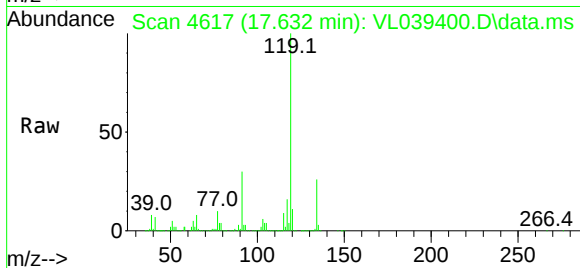
91 29.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#70

n-Butylbenzene

Concen: 12.879 ppbv

RT: 18.529 min Scan# 4896

Delta R.T. 0.006 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

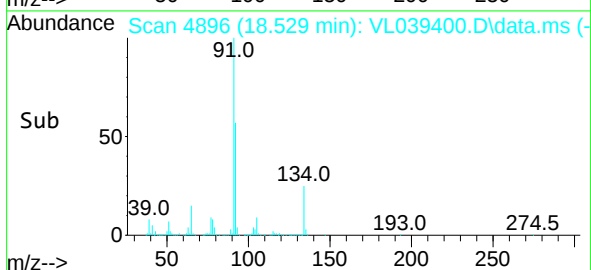
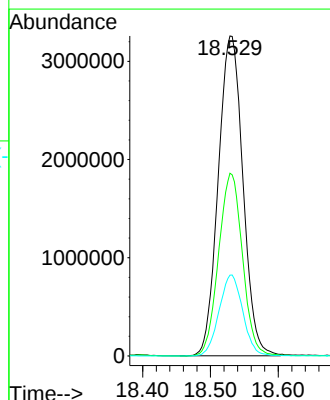
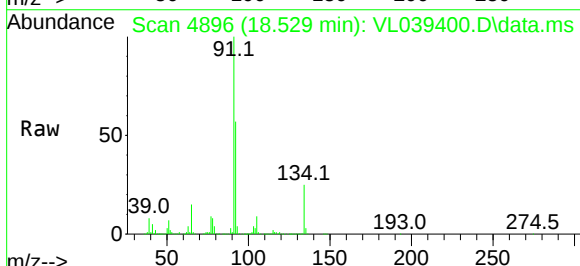
Tgt Ion: 91 Resp: 8241091

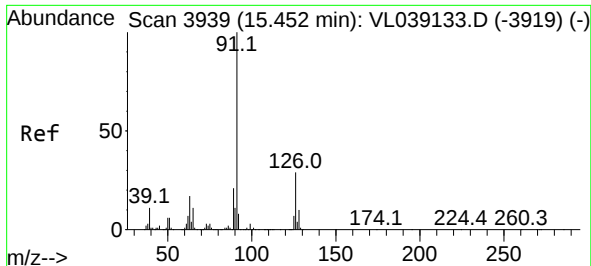
Ion Ratio Lower Upper

91 100

92 55.5 43.4 65.2

134 24.4 18.9 28.3





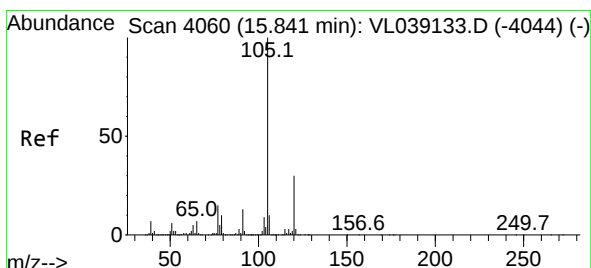
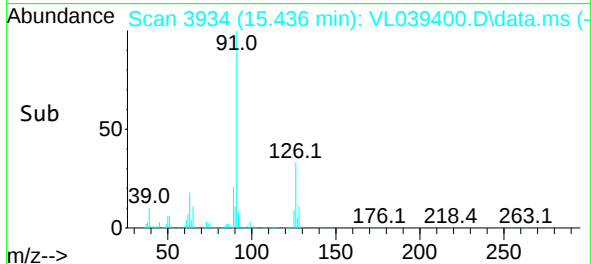
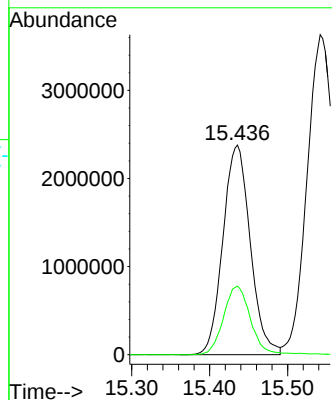
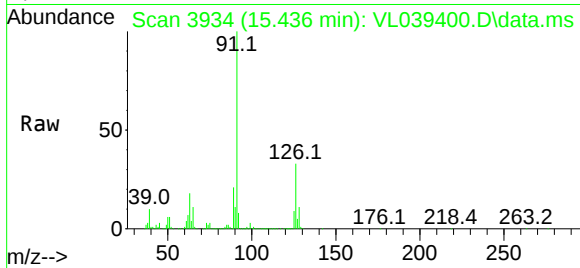
#71
2-Chlorotoluene
Concen: 12.831 ppbv
RT: 15.436 min Scan# 3939
Delta R.T. 0.009 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 5794999
Ion Ratio Lower Upper
91 100
126 32.8 13.0 51.8

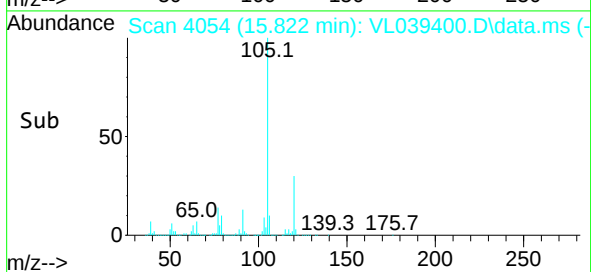
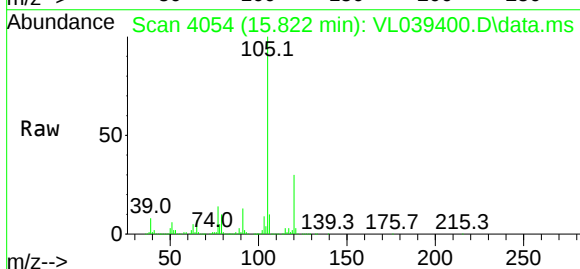
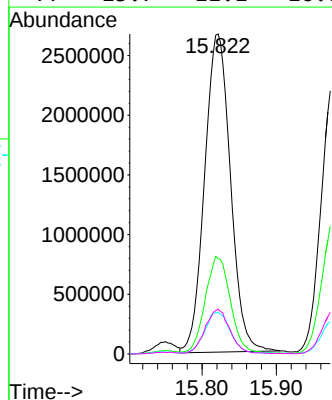
Manual Integrations
APPROVED

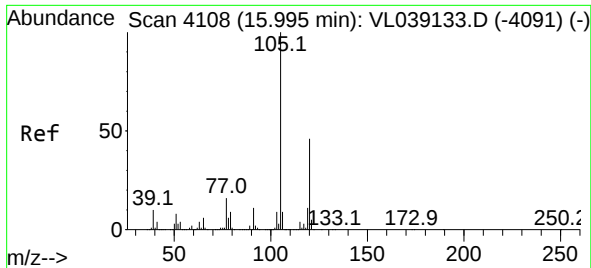
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 13.813 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

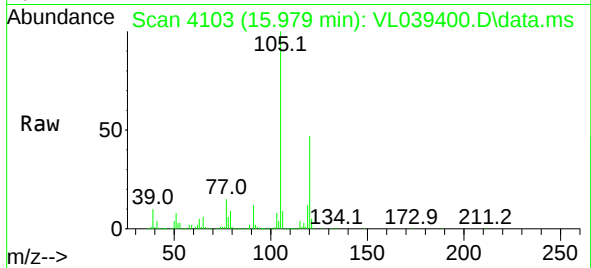
Tgt Ion:105 Resp: 6450718
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 13.1 10.2 15.4
77 13.7 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 13.693 ppbv
 RT: 15.979 min Scan# 4108
 Delta R.T. 0.006 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

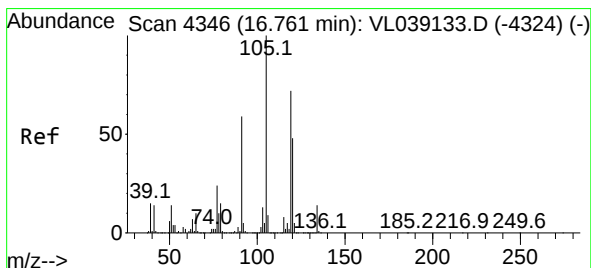
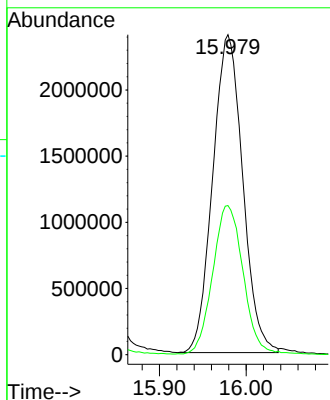
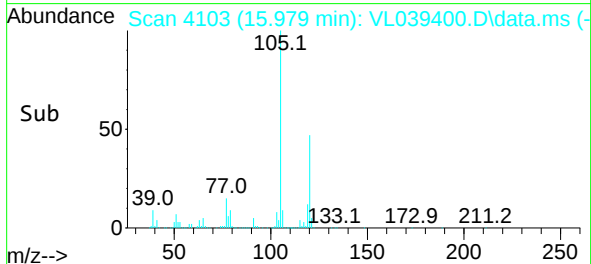
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 5767820
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.2 57.4

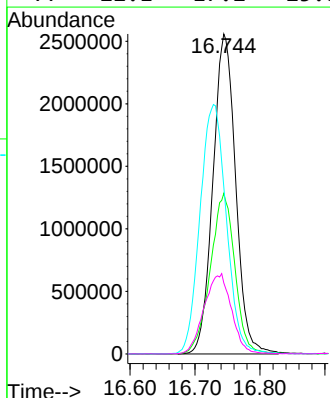
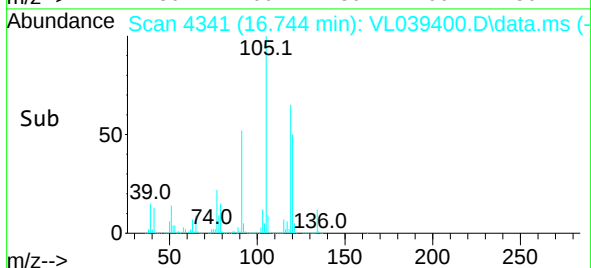
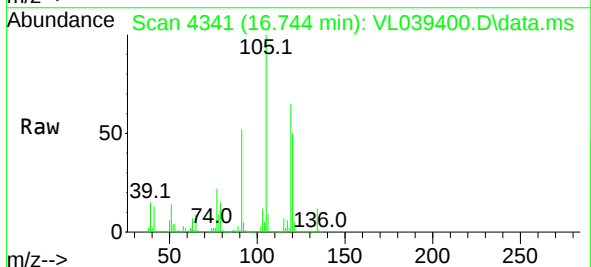
Manual Integrations
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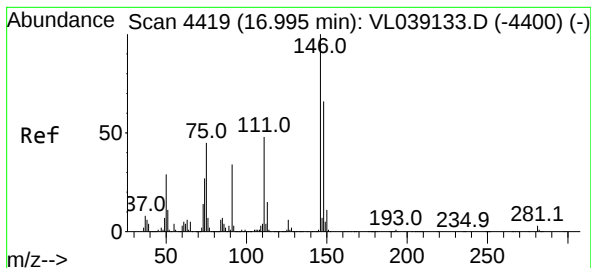
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 13.183 ppbv
 RT: 16.744 min Scan# 4341
 Delta R.T. 0.006 min
 Lab File: VL039400.D
 Acq: 29 Jun 2022 15:43

Tgt Ion:105 Resp: 6196663
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.5 59.3
 91 52.0 39.2 58.8
 77 22.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 14.387 ppbv

RT: 16.979 min Scan# 4419

Delta R.T. 0.010 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 3827720

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.7

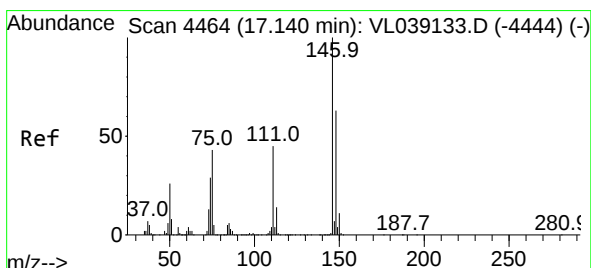
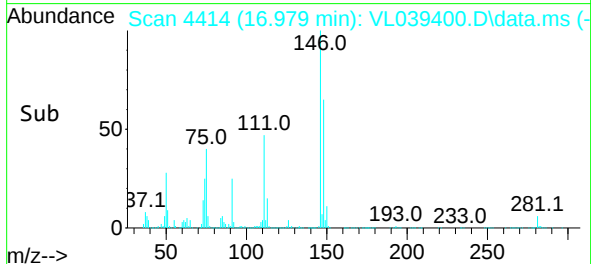
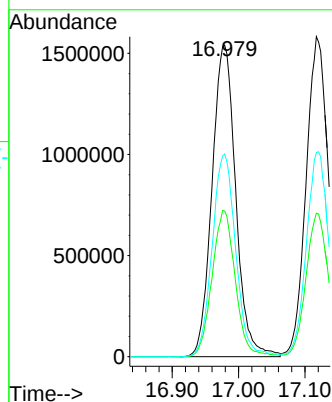
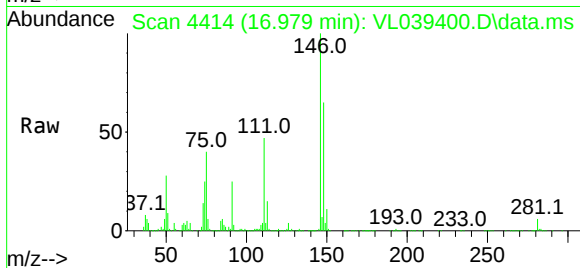
148 64.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

Concen: 14.368 ppbv

RT: 17.117 min Scan# 4457

Delta R.T. 0.006 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

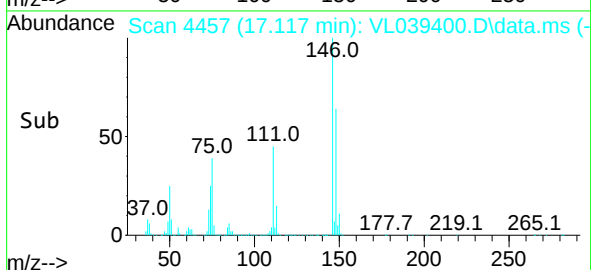
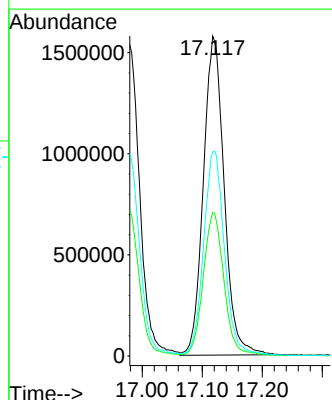
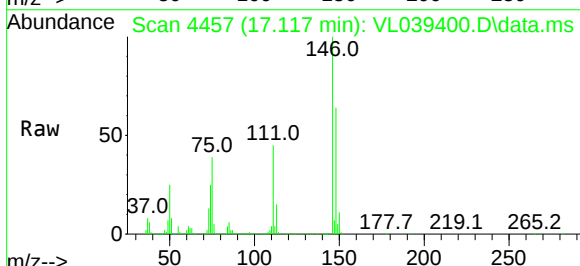
Tgt Ion:146 Resp: 3814033

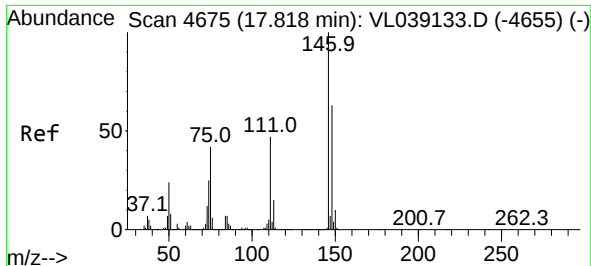
Ion Ratio Lower Upper

146 100

111 44.8 22.9 68.8

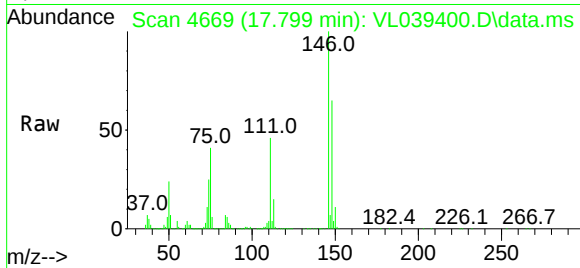
148 64.6 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 13.896 ppbv
RT: 17.799 min Scan# 4669
Delta R.T. 0.006 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

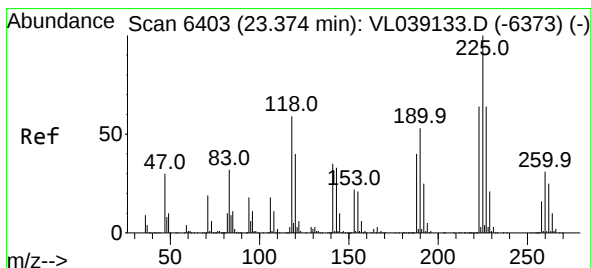
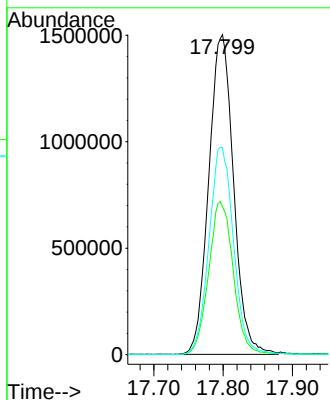
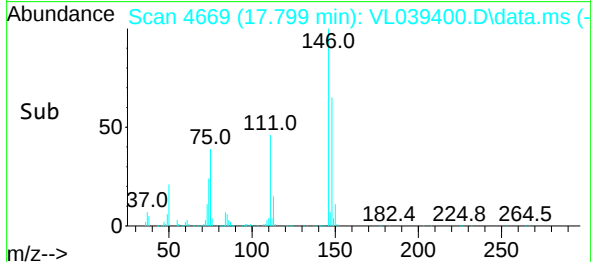
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



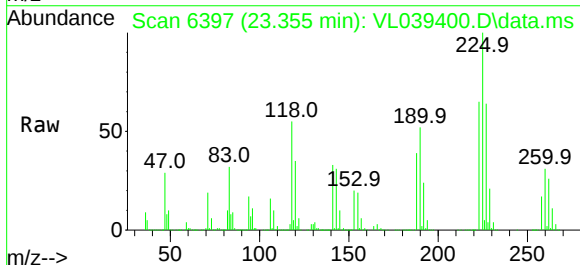
Tgt Ion:146 Resp: 372636
Ion Ratio Lower Upper
146 100
111 48.2 23.8 71.5
148 64.5 32.3 96.8

Manual Integrations
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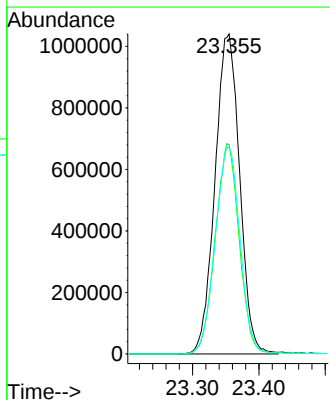
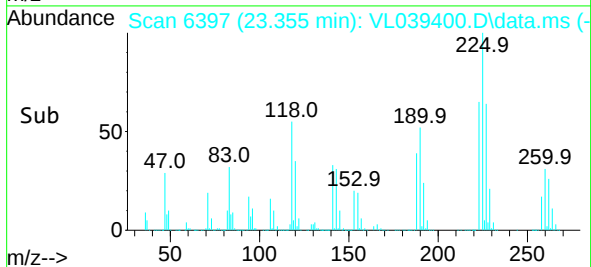
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

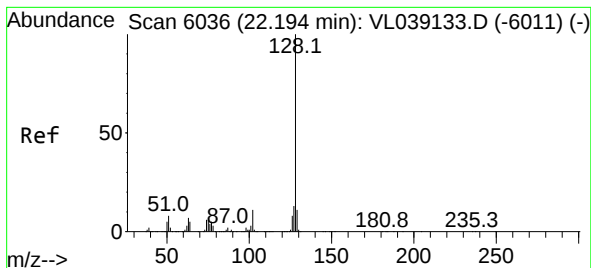


#78
Hexachloro-1,3-Butadiene
Concen: 10.946 ppbv
RT: 23.355 min Scan# 6397
Delta R.T. 0.010 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43



Tgt Ion:225 Resp: 2683975
Ion Ratio Lower Upper
225 100
223 64.3 51.8 77.6
227 65.0 51.4 77.2





#79

Naphthalene

Concen: 15.292 ppbv

RT: 22.169 min Scan# 6036

Delta R.T. 0.009 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:128 Resp: 553360

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

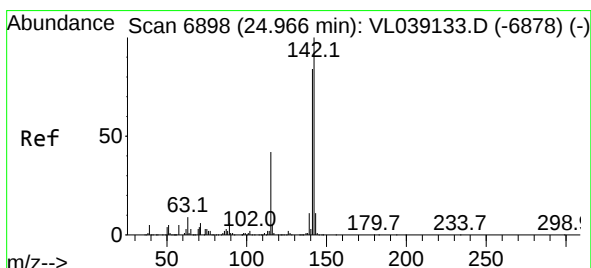
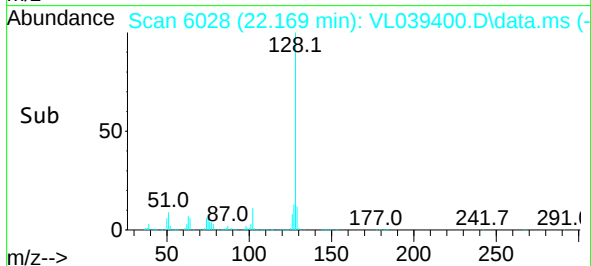
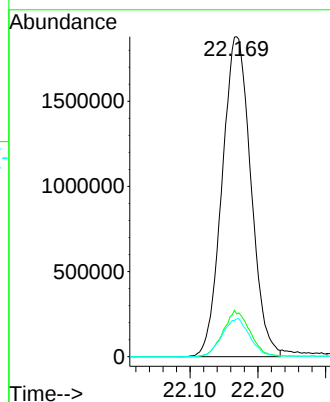
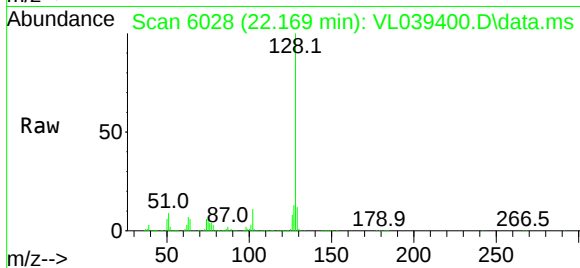
129 11.8 8.8 13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#80

Naphthalene,2-methyl-

Concen: 15.744 ppbv

RT: 24.947 min Scan# 6892

Delta R.T. 0.003 min

Lab File: VL039400.D

Acq: 29 Jun 2022 15:43

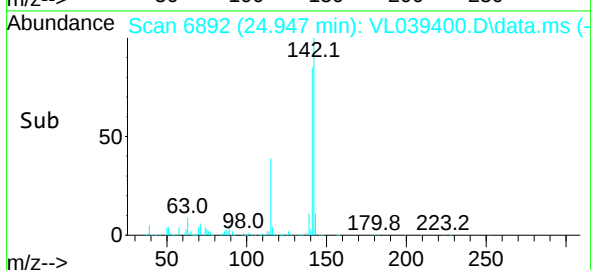
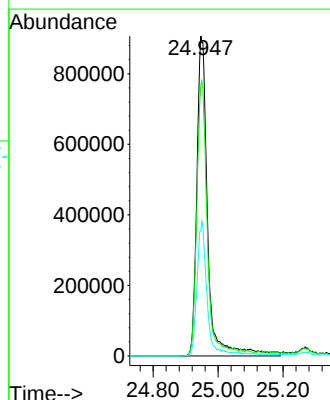
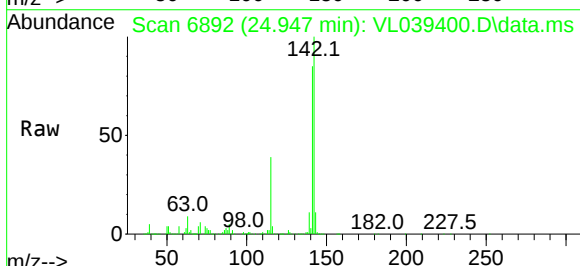
Tgt Ion:142 Resp: 2116676

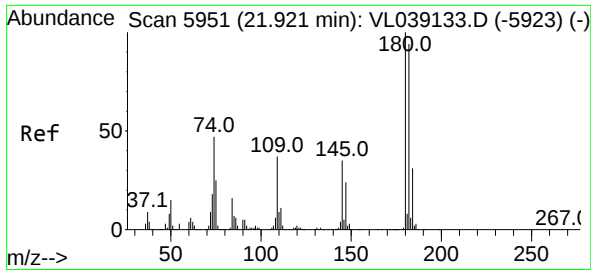
Ion Ratio Lower Upper

142 100

141 82.2 68.9 103.3

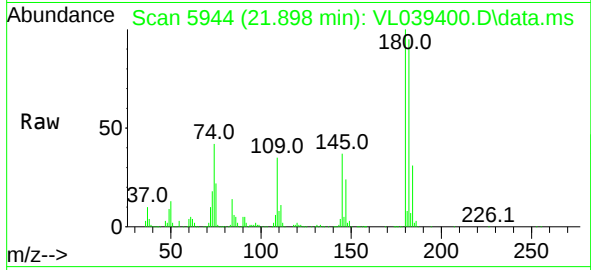
115 39.8 30.0 45.0





#81
1,2,4-Trichlorobenzene
Concen: 13.594 ppbv
RT: 21.898 min Scan# 5944
Delta R.T. 0.010 min
Lab File: VL039400.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:180 Resp: 311639
Ion Ratio Lower Upper
180 100
182 96.8 77.1 115.7
184 30.8 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

