

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040171.D
 Acq On : 15 Feb 2023 11:46
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 12:17:07 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 11:34:13 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	997711	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2579590	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2387673	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1948331 9.818 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	210582	1.204	ppbv	94
3) Chlorodifluoromethane	2.658	51	126014	1.053	ppbv	99
4) Chloromethane	2.800	50	77826	1.052	ppbv	99
5) Vinyl Chloride	2.906	62	60285	0.961	ppbv	99
6) Bromomethane	3.105	94	22272	0.973	ppbv	95
7) Chloroethane	3.185	64	25458	1.062	ppbv	94
8) Dichlorotetrafluoroethane	2.841	85	167328	1.025	ppbv	96
9) Propene	2.681	41	52514	1.056	ppbv	99
10) Heptane	7.574	43	117441	1.025	ppbv	96
11) Trichlorofluoromethane	3.549	101	171954	0.985	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	127905	0.975	ppbv	98
13) Ethanol	3.237	45	5892m	1.288	ppbv	
14) Bromoethene	3.353	108	46781	0.960	ppbv	95
15) Acetone	3.465	43	123360	1.031	ppbv	92
16) 1,3-Butadiene	2.973	39	56786	1.018	ppbv	98
17) tert-Butyl alcohol	3.880	59	115351	1.035	ppbv	98
18) 1,1-Dichloroethene	3.867	96	56768	0.995	ppbv	90
19) Isopropyl Alcohol	3.574	45	59952	1.024	ppbv #	93
20) Methylene Chloride	3.925	84	73367	1.390	ppbv	96
21) Allyl Chloride	3.986	41	76156	0.991	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	54659	0.938	ppbv	94
23) Vinyl Acetate	4.619	43	36128m	0.931	ppbv	
24) 1,1-Dichloroethane	4.552	63	119571	1.018	ppbv	98
25) Ethyl Acetate	5.198	43	228700	1.085	ppbv	99
26) Hexane	5.205	57	105938m	1.148	ppbv	
27) Carbon Disulfide	4.115	76	111220	0.931	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	107174	1.033	ppbv	99
29) Chloroform	5.266	83	169493	1.149	ppbv	98
30) Cyclohexane	6.600	84	81126m	1.106	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	95067	1.064	ppbv	94
32) 1,1,1-Trichloroethane	5.992	97	159651	1.065	ppbv	98
34) 2-Butanone	4.783	43	138541m	1.135	ppbv	
35) Carbon Tetrachloride	6.484	117	162680	1.115	ppbv	98
36) Benzene	6.362	78	211925	1.110	ppbv	98
37) 1,2-Dichloroethane	5.799	62	129875	1.058	ppbv	100
38) Trichloroethene	7.282	130	118115	1.090	ppbv	99
39) 1,2-Dichloropropane	7.069	63	79846m	1.069	ppbv	
40) 1,4-Dioxane	7.307	88	33066m	1.116	ppbv	
41) Tetrahydrofuran	5.561	42	78039m	1.108	ppbv	
42) Bromodichloromethane	7.243	83	172165	1.039	ppbv	97
43) Methyl Methacrylate	7.471	69	73923	1.055	ppbv	98
44) 2,2,4-Trimethylpentane	7.323	57	355902	1.121	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	56484	0.904	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
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Instrument :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 12:17:07 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 11:34:13 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	83818	0.982	ppbv	93
47) 1,1,2-Trichloroethane	8.896	97	86555	1.101	ppbv	98
48) Dibromochloromethane	9.709	129	129258	1.023	ppbv	99
49) Bromoform	12.407	173	96896	0.995	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	202380	1.054	ppbv	100
51) 2-Hexanone	9.561	43	150124m	1.032	ppbv	
52) Tetrachloroethene	10.616	164	68255	1.093	ppbv	97
53) Toluene	9.217	91	218925	1.075	ppbv	100
54) 1,2-Dibromoethane	10.005	107	88207	1.072	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	99536	1.071	ppbv #	1
57) Chlorobenzene	11.523	112	181894	1.118	ppbv	98
58) Ethyl Benzene	12.089	91	302635	1.136	ppbv	94
59) m/p-Xylene	12.375	91	539892m	2.254	ppbv	
60) o-Xylene	13.063	91	260122	1.144	ppbv	99
61) Styrene	12.899	104	130676m	1.103	ppbv	
62) Isopropylbenzene	14.031	105	379687	1.161	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.056	83	96140m	1.164	ppbv	
64) n-propylbenzene	14.918	120	89802	1.104	ppbv	83
65) tert-Butylbenzene	16.095	119	330220	1.179	ppbv	95
66) Benzyl Chloride	16.326	91	19196m	1.003	ppbv	
67) sec-Butylbenzene	16.641	105	473426	1.193	ppbv	99
69) p-Isopropyltoluene	16.998	119	365242	1.171	ppbv	97
70) n-Butylbenzene	17.892	91	404339	1.202	ppbv	97
71) 2-Chlorotoluene	14.802	91	287059	1.141	ppbv	99
72) 4-Ethyltoluene	15.195	105	283116	1.122	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	269282m	1.185	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	294917	1.172	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	153955	1.101	ppbv	96
76) 1,4-Dichlorobenzene	16.481	146	151084	1.099	ppbv	95
77) 1,2-Dichlorobenzene	17.149	146	160605m	1.201	ppbv	
78) Hexachloro-1,3-Butadiene	22.644	225	115664m	1.181	ppbv	
79) Naphthalene	21.397	128	168417m	1.168	ppbv	
80) Naphthalene,2-methyl-	24.390	142	29901	0.615	ppbv	87
81) 1,2,4-Trichlorobenzene	21.156	180	100128m	1.127	ppbv	

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

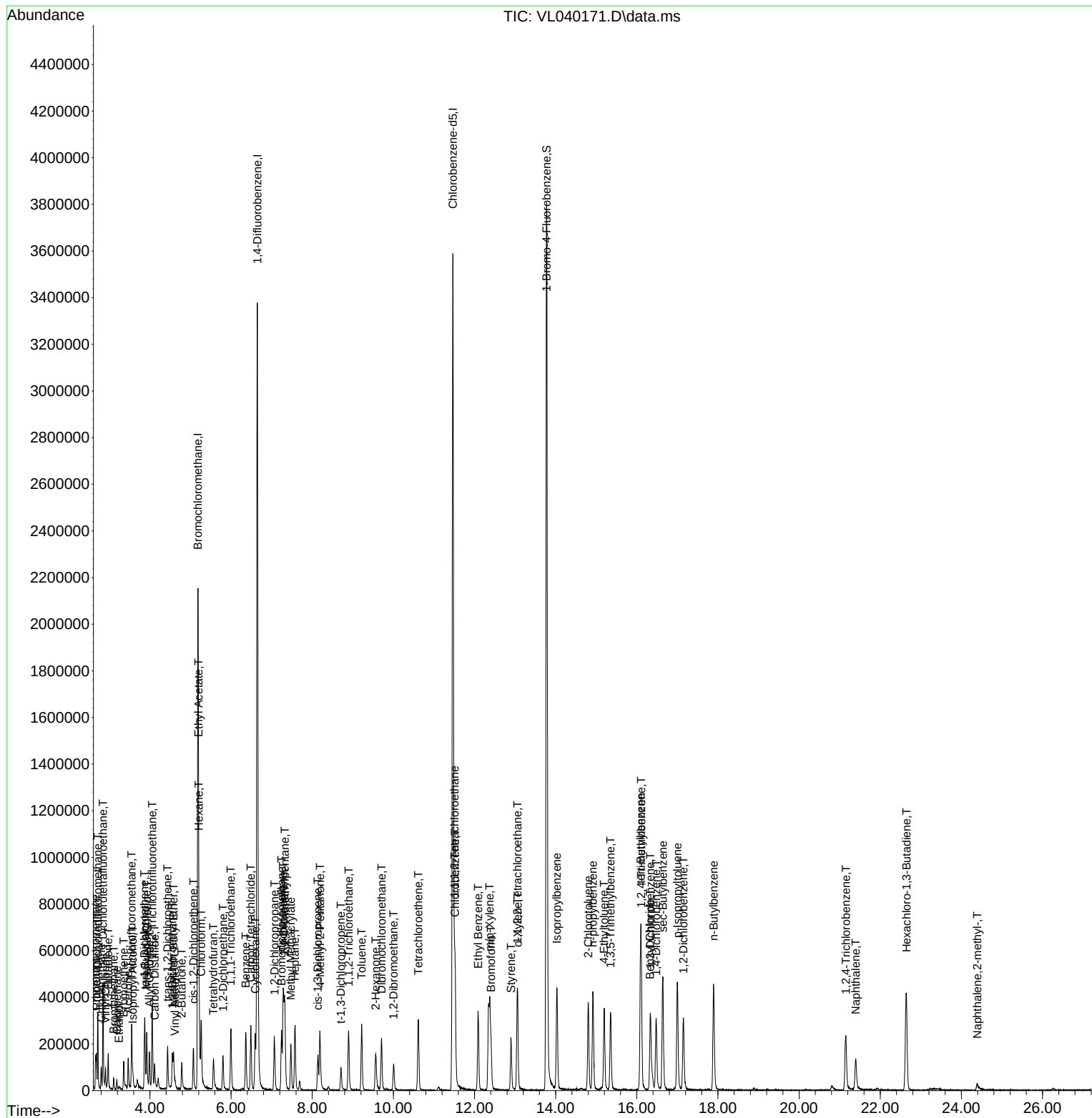
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
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Sample : VSTDIC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

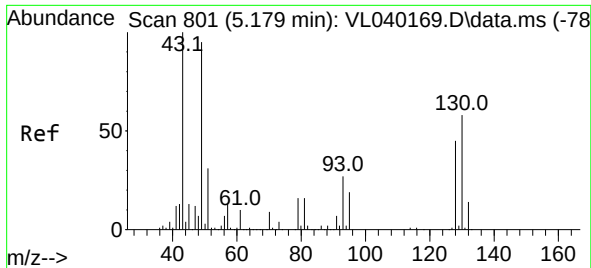
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 12:17:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 15 11:34:13 2023
Response via : Initial Calibration





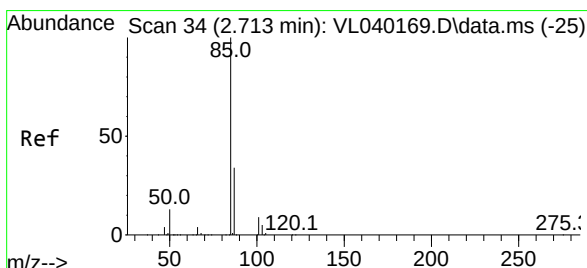
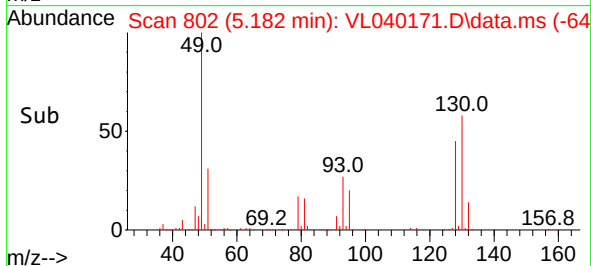
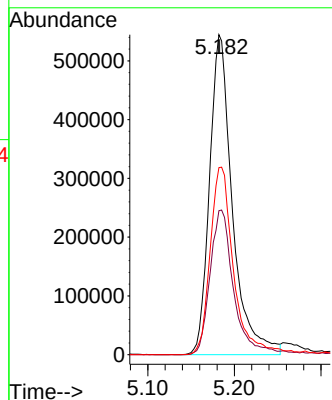
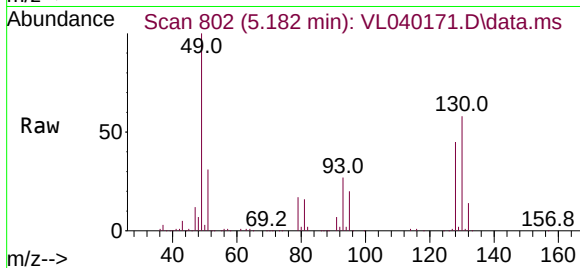
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 99771
Ion Ratio Lower Upper
49 100
128 48.0 24.1 72.3
130 61.9 30.9 92.8

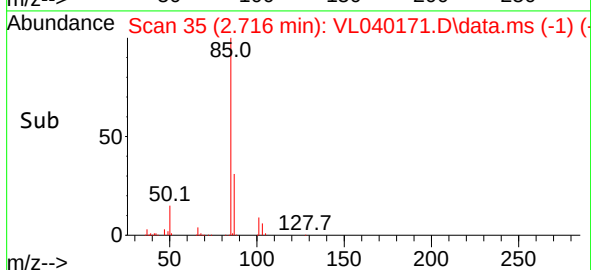
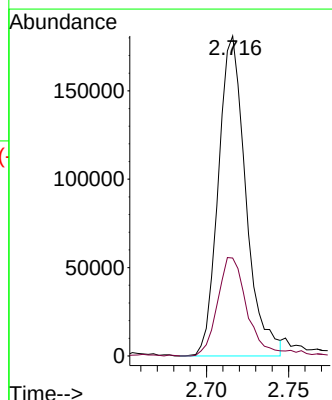
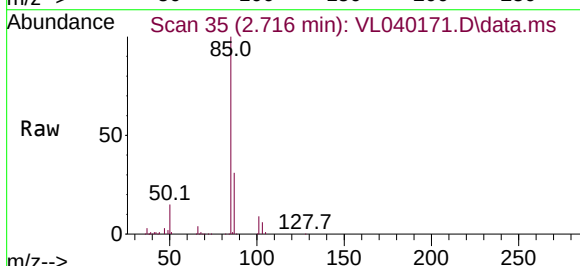
Manual Integrations
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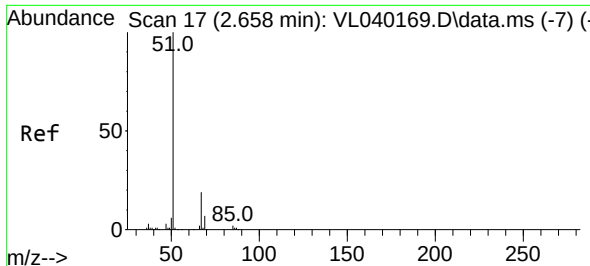
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 1.204 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

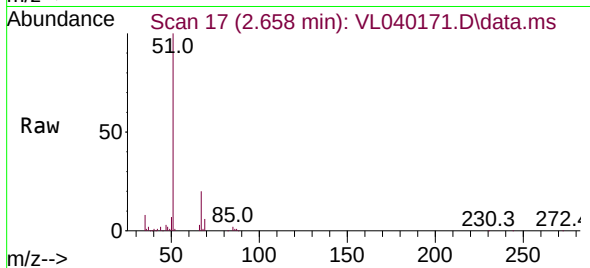
Tgt Ion: 85 Resp: 210582
Ion Ratio Lower Upper
85 100
87 30.6 27.0 40.6





#3
Chlorodifluoromethane
Concen: 1.053 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

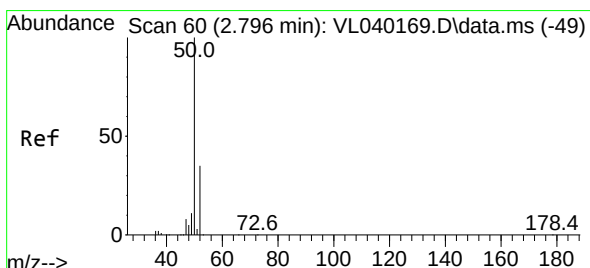
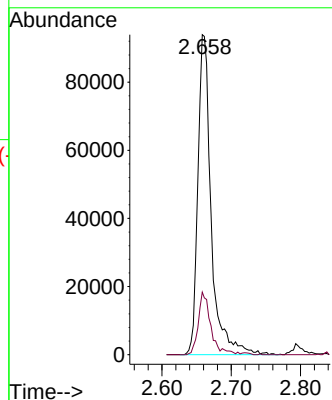
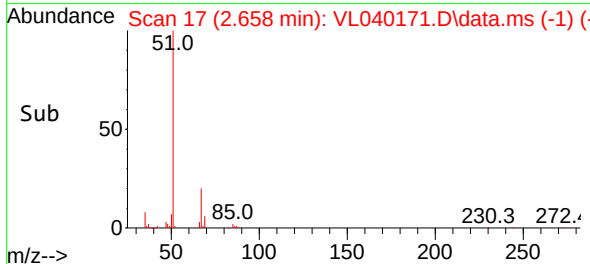
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 51 Resp: 126014
Ion Ratio Lower Upper
51 100
67 18.8 15.4 23.2

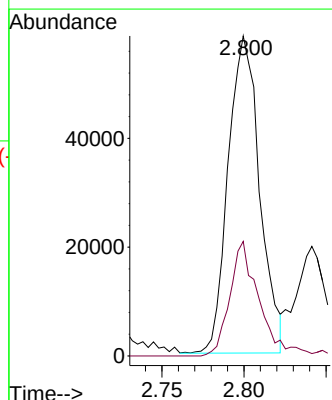
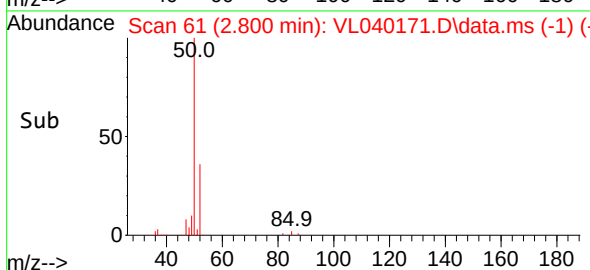
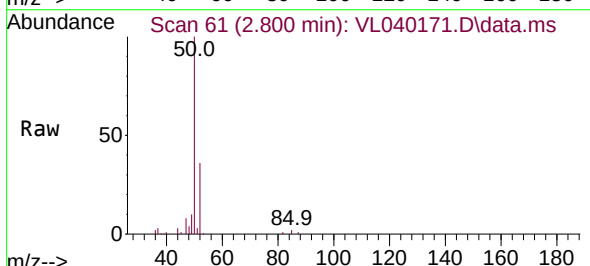
Manual Integrations
APPROVED

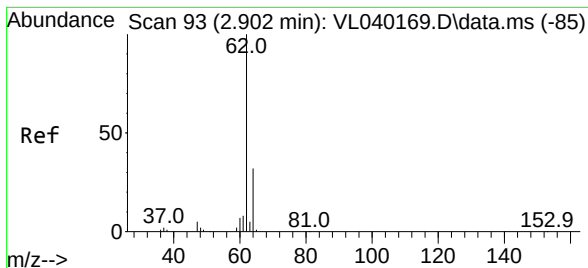
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#4
Chloromethane
Concen: 1.052 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

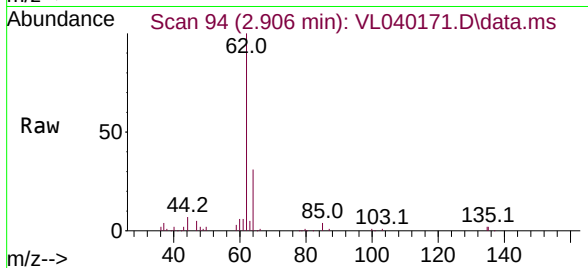
Tgt Ion: 50 Resp: 77826
Ion Ratio Lower Upper
50 100
52 36.2 28.3 42.5





#5
 Vinyl Chloride
 Concen: 0.961 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

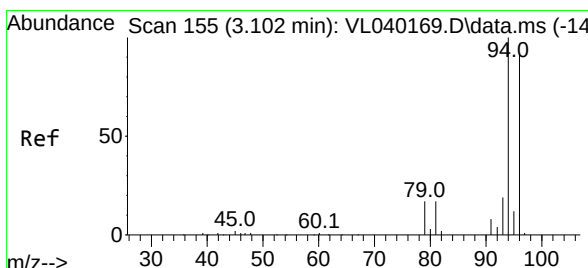
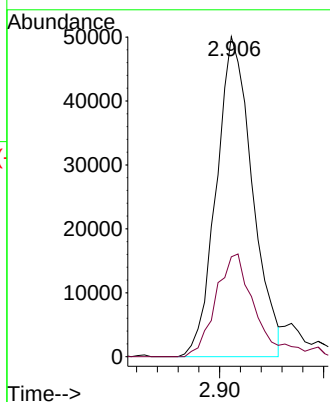
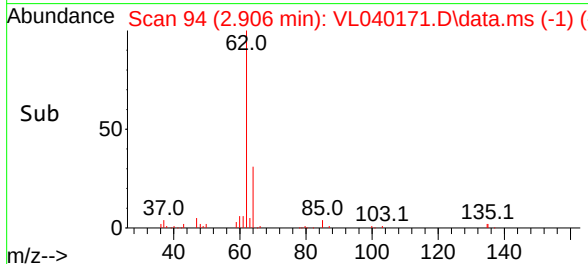
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 60285
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.6 38.4

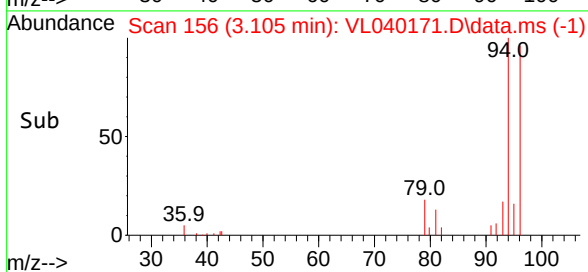
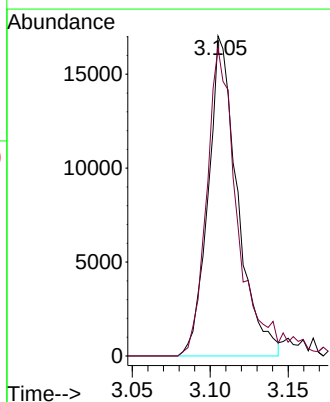
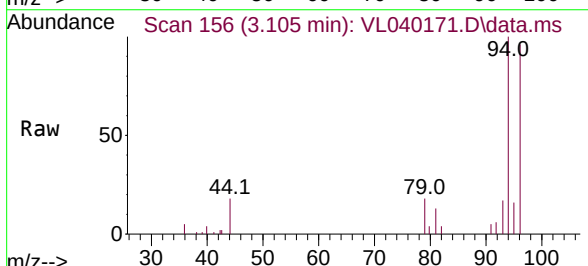
Manual Integrations
 APPROVED

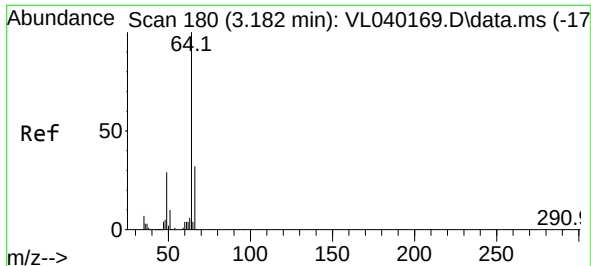
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#6
 Bromomethane
 Concen: 0.973 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

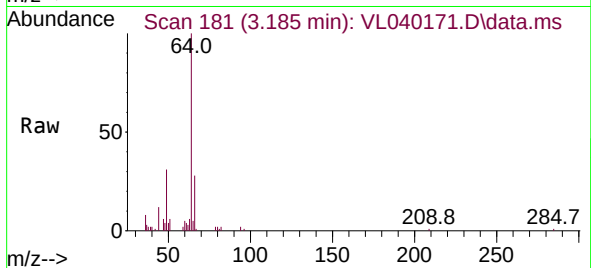
Tgt Ion: 94 Resp: 22272
 Ion Ratio Lower Upper
 94 100
 96 96.2 73.4 110.2





#7
Chloroethane
Concen: 1.062 ppbv
RT: 3.185 min Scan# 180
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

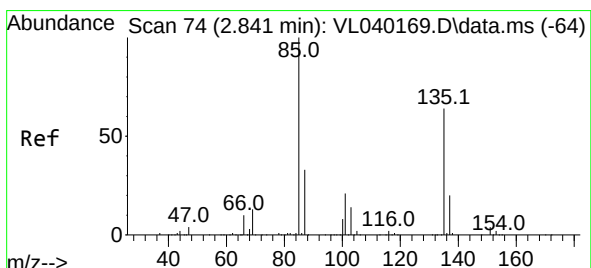
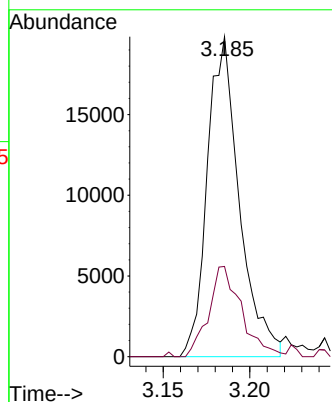
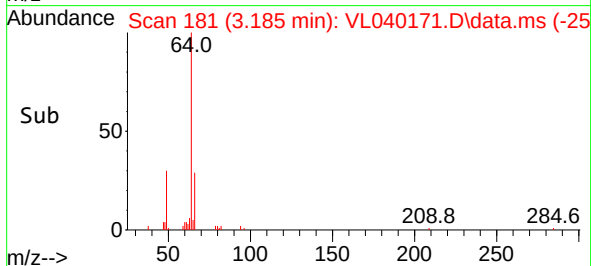
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 25458
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.2

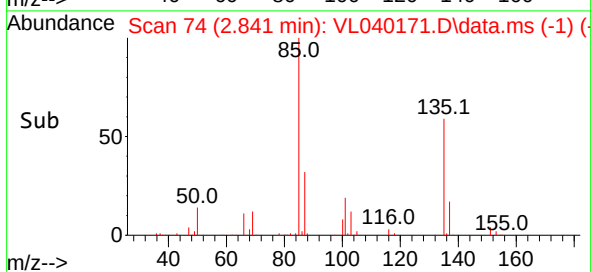
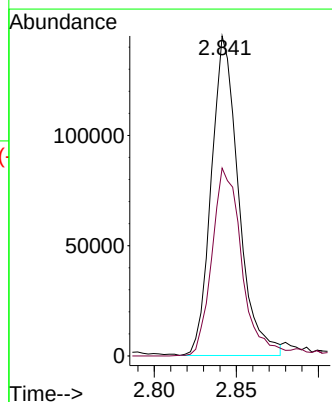
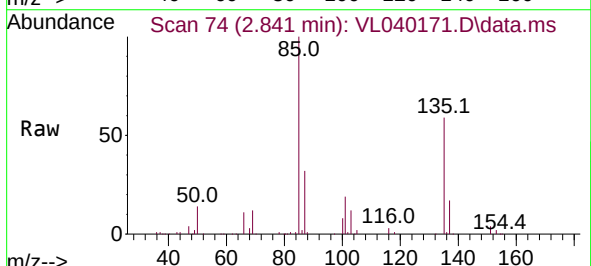
Manual Integrations
APPROVED

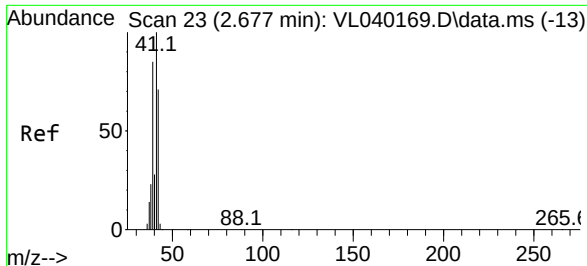
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#8
Dichlorotetrafluoroethane
Concen: 1.025 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

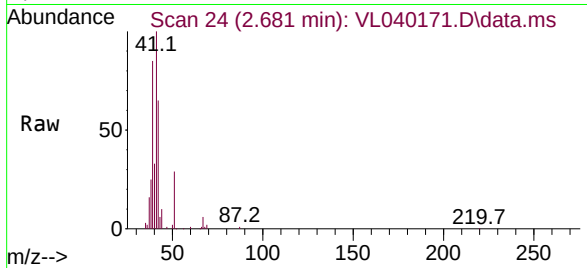
Tgt Ion: 85 Resp: 167328
Ion Ratio Lower Upper
85 100
135 67.3 51.5 77.3





#9
Propene
Concen: 1.056 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

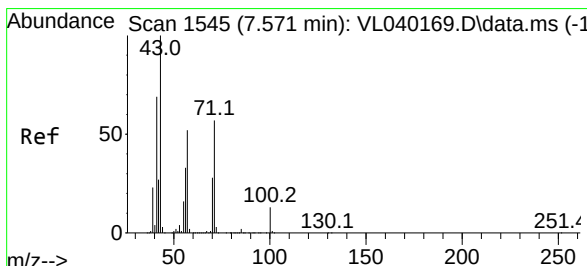
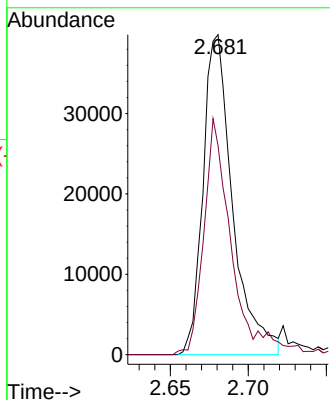
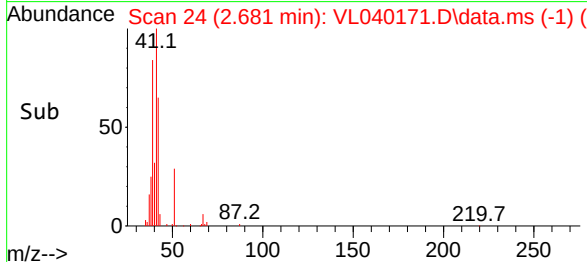
Instrument :
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ClientSampleId :
VSTDIC001



Tgt Ion: 41 Resp: 52514
Ion Ratio Lower Upper
41 100
42 70.2 56.9 85.3

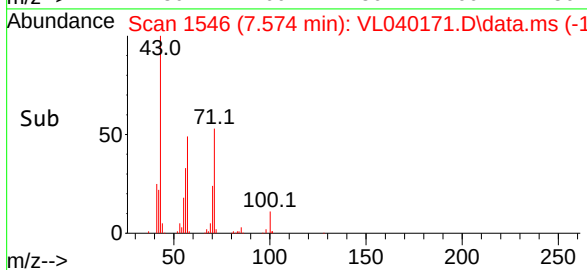
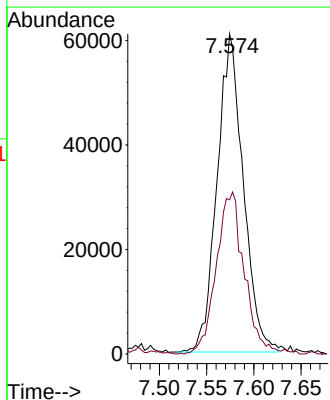
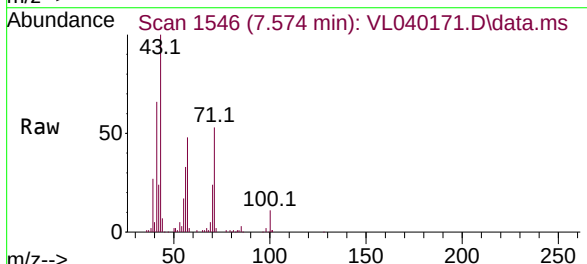
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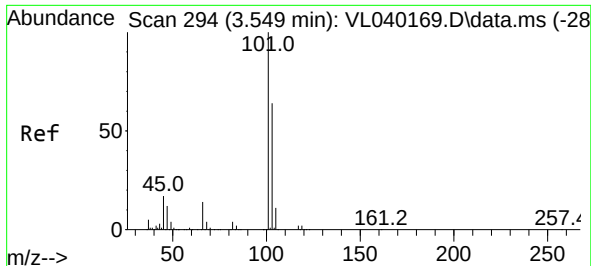
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
Heptane
Concen: 1.025 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. 0.003 min
Lab File: VL040171.D
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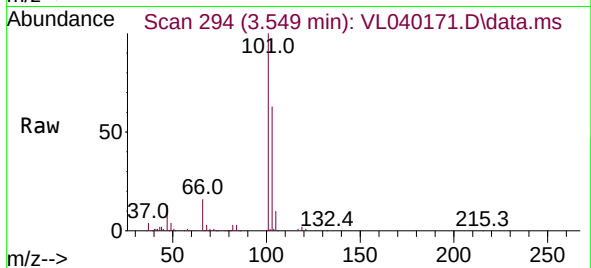
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Ion Ratio Lower Upper
43 100
57 54.8 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.985 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

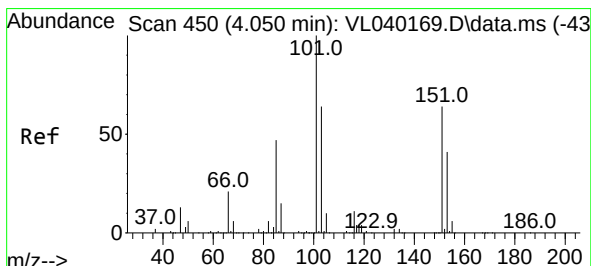
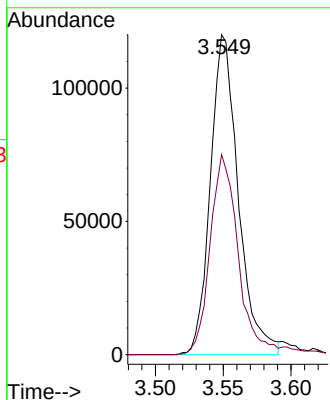
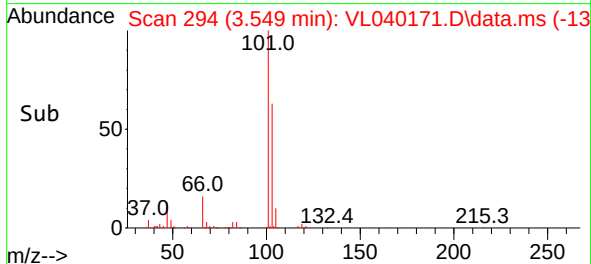
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



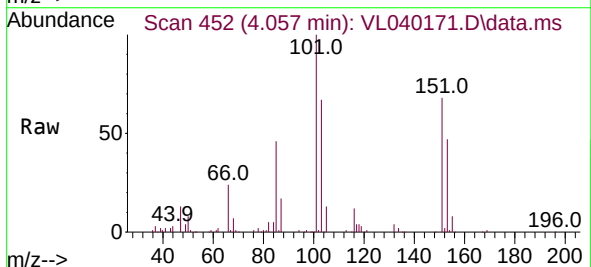
Tgt Ion:101 Resp: 171954
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.6

Manual Integrations
APPROVED

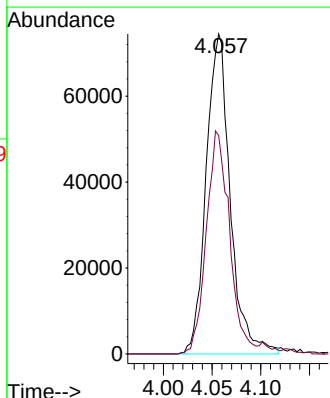
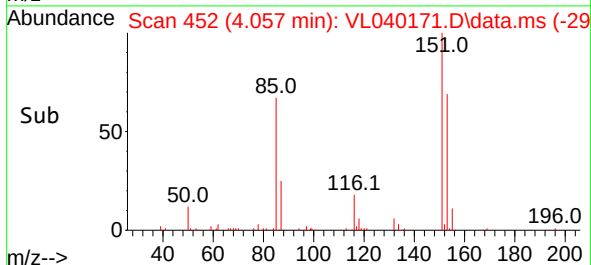
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

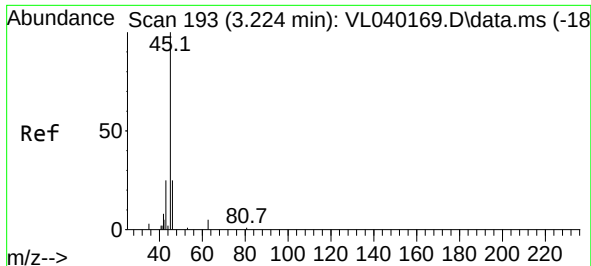


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.975 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion:101 Resp: 127905
Ion Ratio Lower Upper
101 100
151 69.8 54.7 82.1





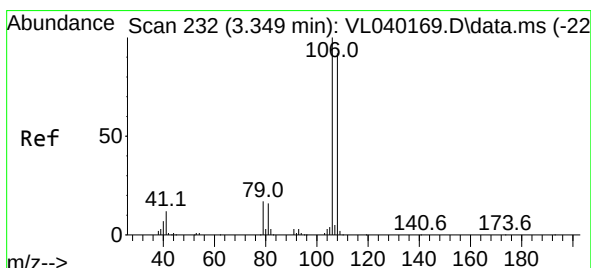
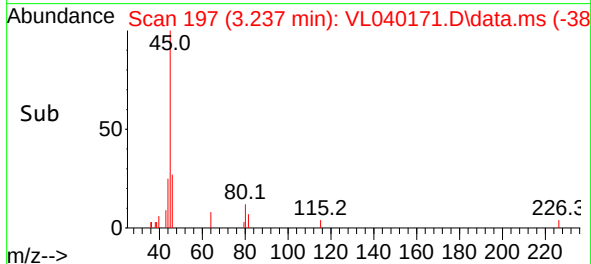
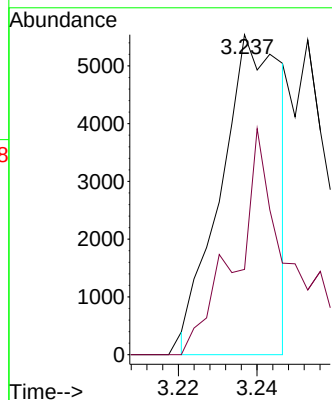
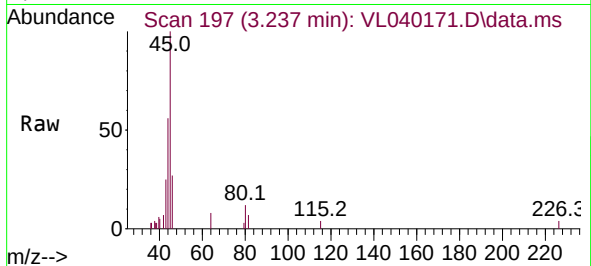
#13
Ethanol
Concen: 1.288 ppbv m
RT: 3.237 min Scan# 193
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 5892
Ion Ratio Lower Upper
45 100
46 77.1 13.3 53.1

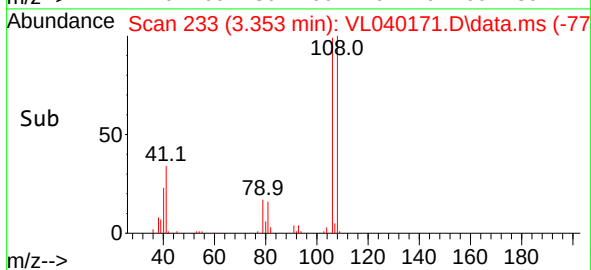
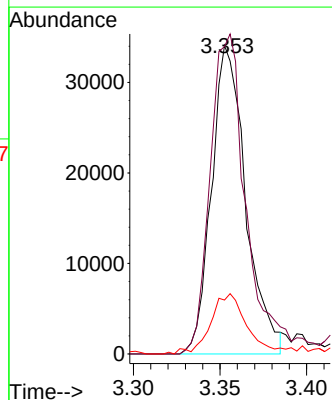
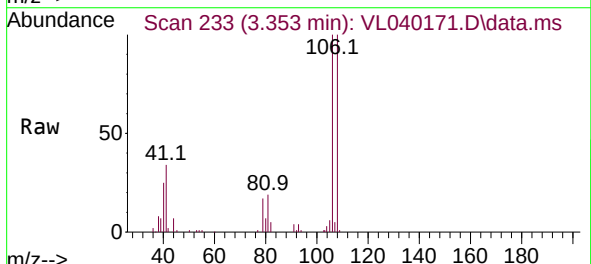
Manual Integrations
APPROVED

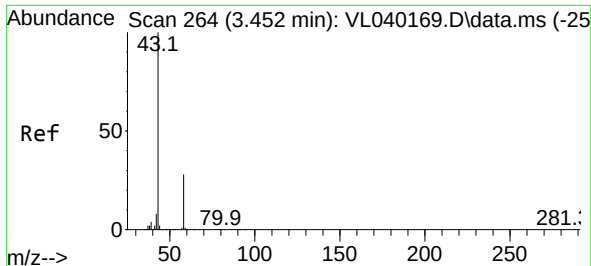
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Bromoethene
Concen: 0.960 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

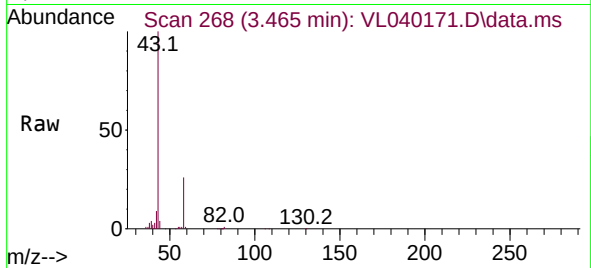
Tgt Ion:108 Resp: 46781
Ion Ratio Lower Upper
108 100
106 114.3 87.1 130.7
79 22.1 15.4 23.2





#15
Acetone
Concen: 1.031 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

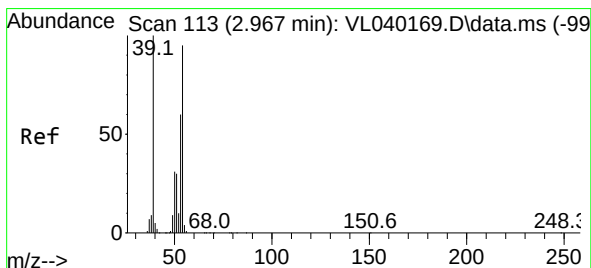
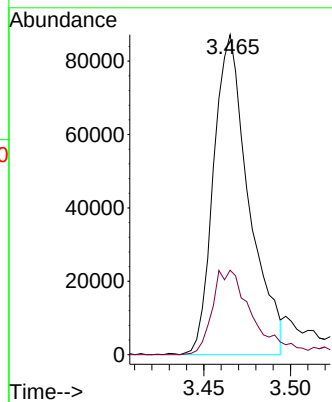
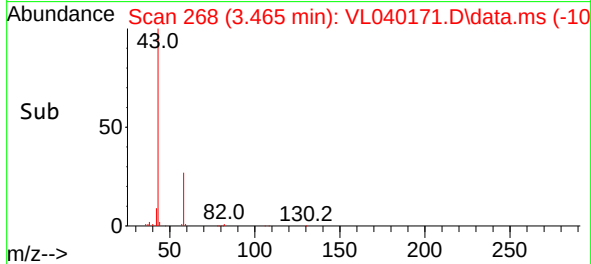
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 123360
Ion Ratio Lower Upper
43 100
58 32.0 22.4 33.6

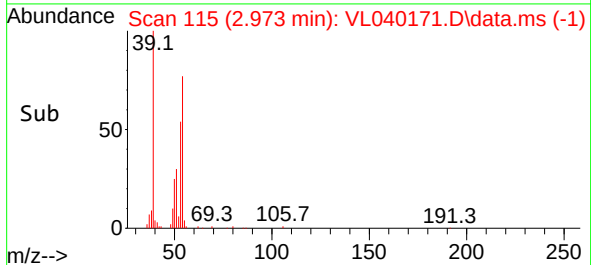
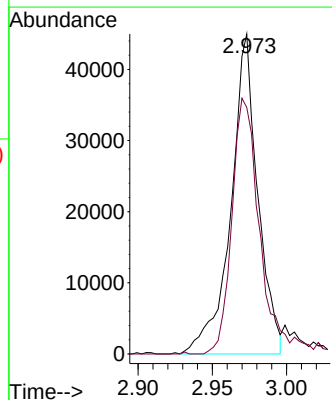
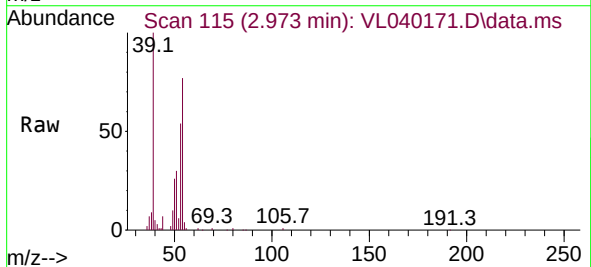
Manual Integrations
APPROVED

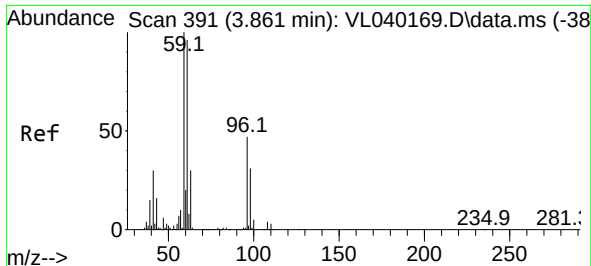
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#16
1,3-Butadiene
Concen: 1.018 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 39 Resp: 56786
Ion Ratio Lower Upper
39 100
54 85.4 66.7 100.1





#17

tert-Butyl alcohol

Concen: 1.035 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.019 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 11535

Ion Ratio Lower Upper

59 100

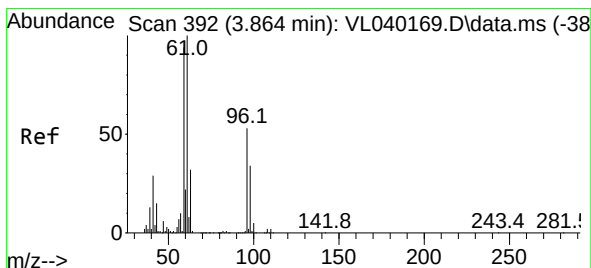
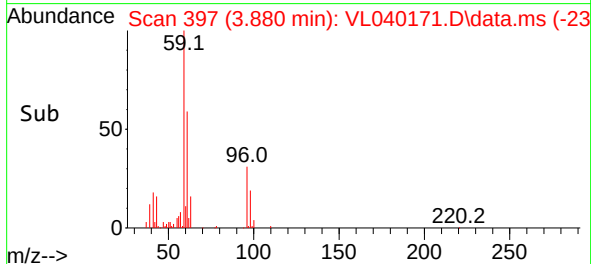
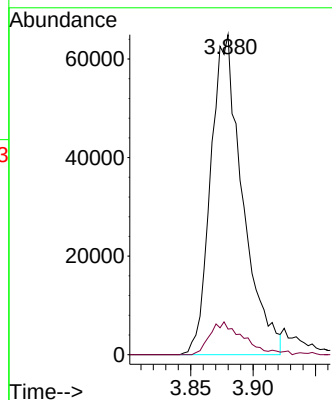
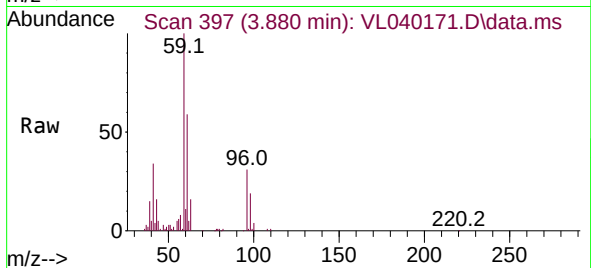
57 11.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#18

1,1-Dichloroethene

Concen: 0.995 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

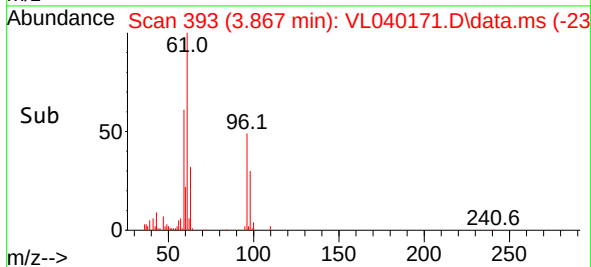
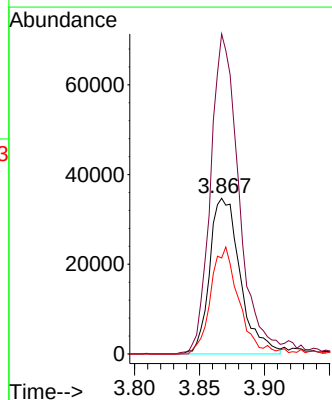
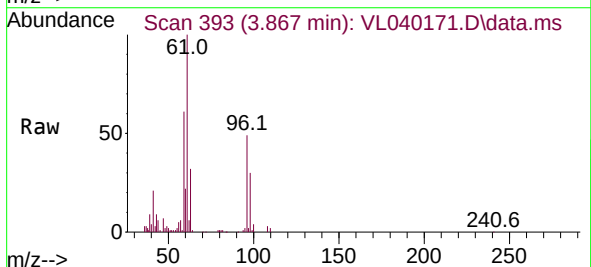
Tgt Ion: 96 Resp: 56768

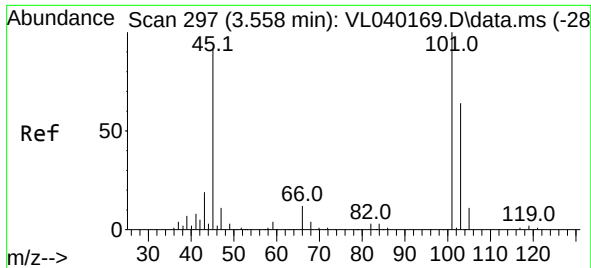
Ion Ratio Lower Upper

96 100

61 204.7 149.6 224.4

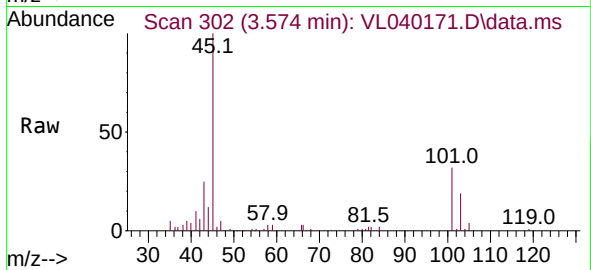
98 61.7 51.1 76.7





#19
Isopropyl Alcohol
Concen: 1.024 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

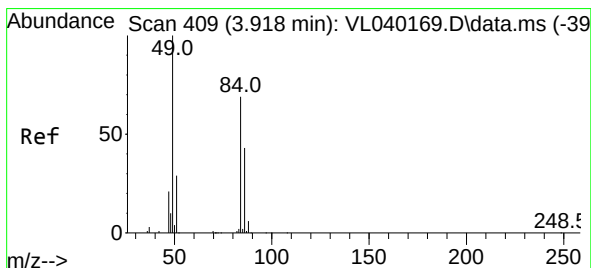
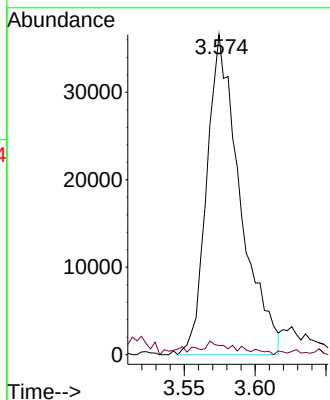
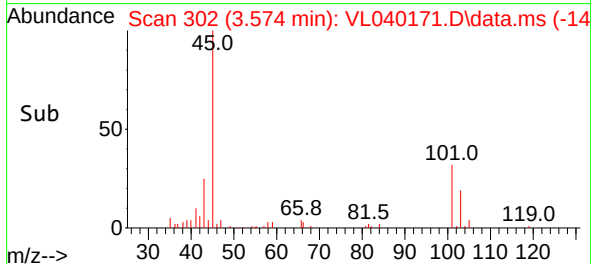
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



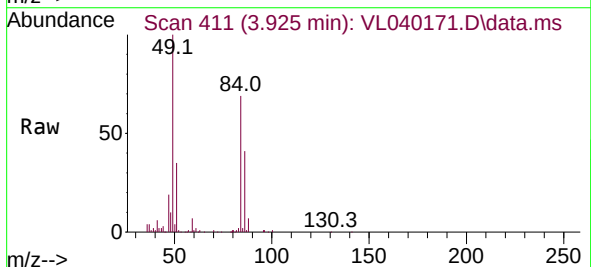
Tgt Ion: 45 Resp: 59952
Ion Ratio Lower Upper
45 100
58 5.5 2.6 3.8

Manual Integrations
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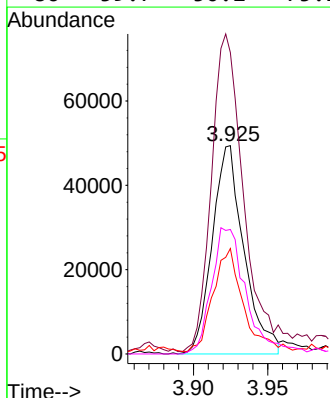
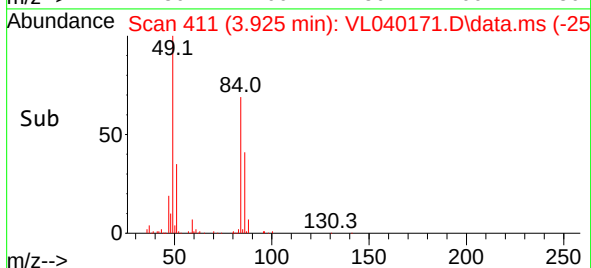
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

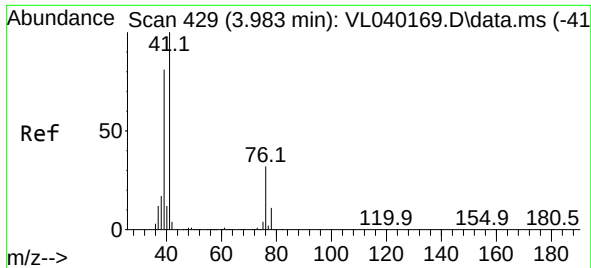


#20
Methylene Chloride
Concen: 1.390 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion: 84 Resp: 73367
Ion Ratio Lower Upper
84 100
49 141.9 115.5 173.3
51 49.0 33.1 49.7
86 59.7 50.2 75.2





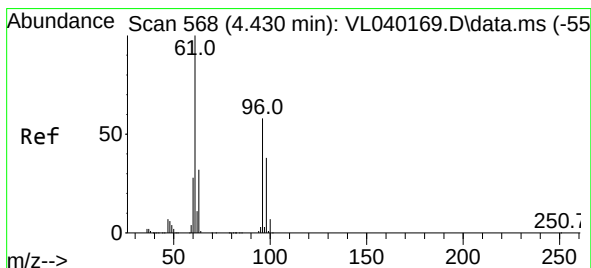
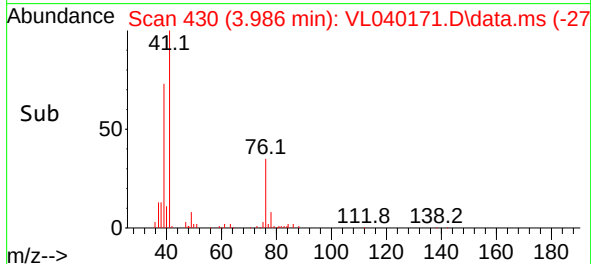
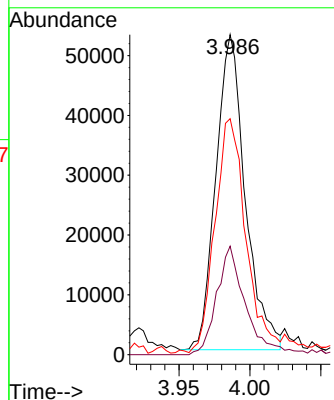
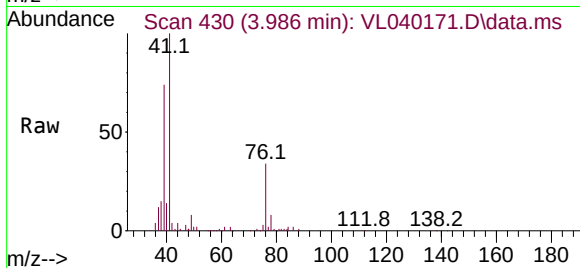
#21
 Allyl Chloride
 Concen: 0.991 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 76150
 Ion Ratio Lower Upper
 41 100
 76 34.6 25.5 38.3
 39 83.7 64.5 96.7

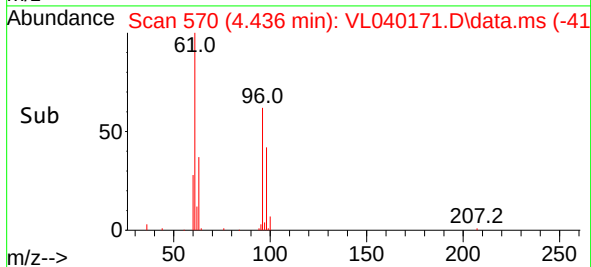
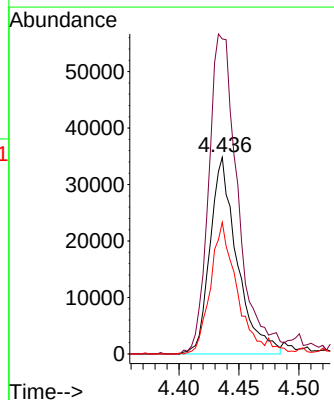
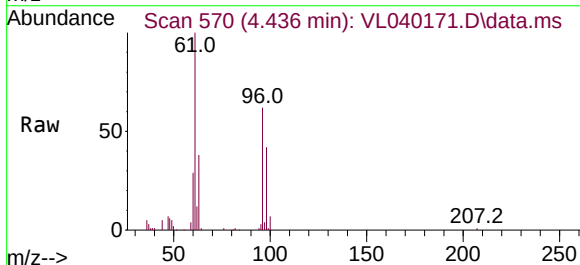
Manual Integrations
 APPROVED

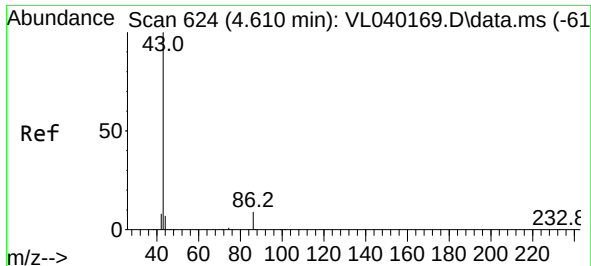
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.938 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

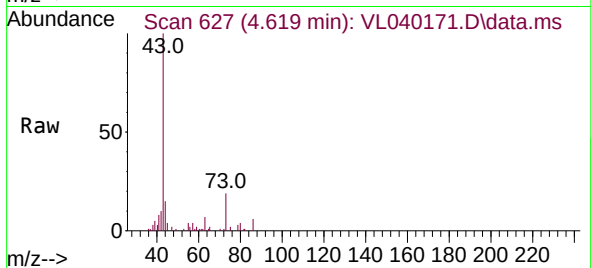
Tgt Ion: 96 Resp: 54659
 Ion Ratio Lower Upper
 96 100
 61 160.2 137.5 206.3
 98 66.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 0.931 ppbv m
 RT: 4.619 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

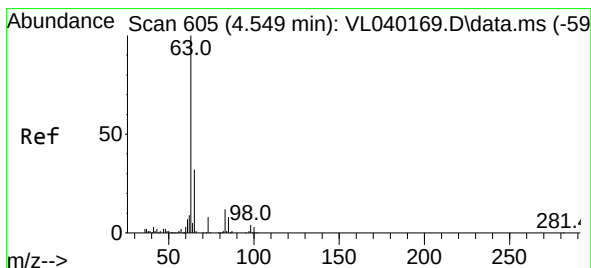
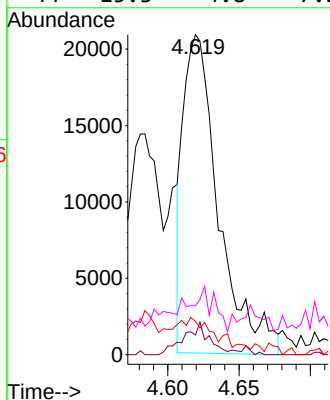
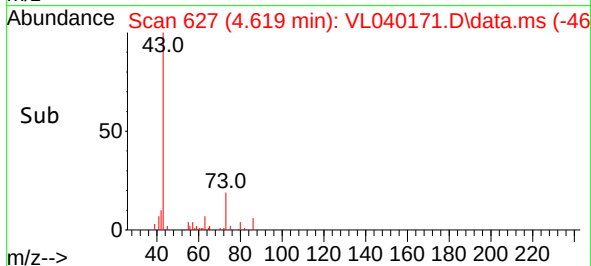
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



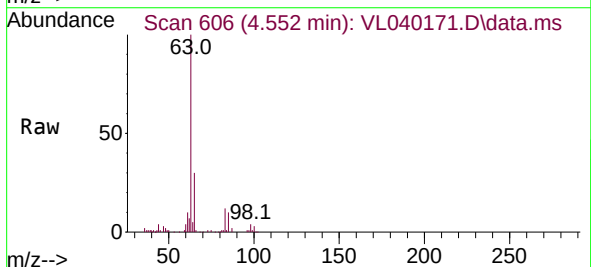
Tgt Ion: 43	Resp: 36128
Ion Ratio	Lower Upper
43 100	
86 6.2	5.6 8.4
42 10.4	7.6 11.4
44 15.3	4.8 7.2

Manual Integrations
 APPROVED

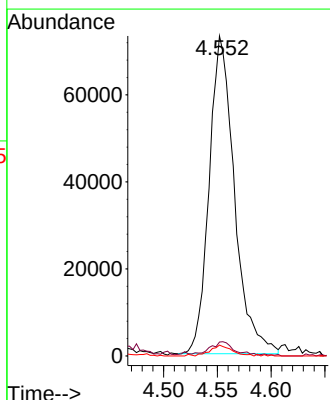
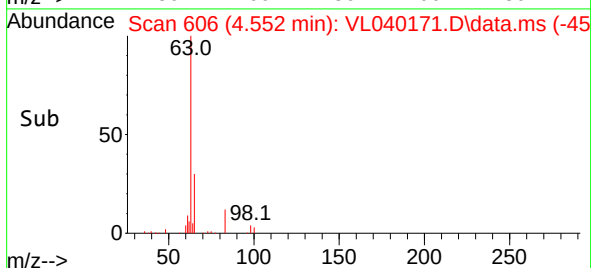
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

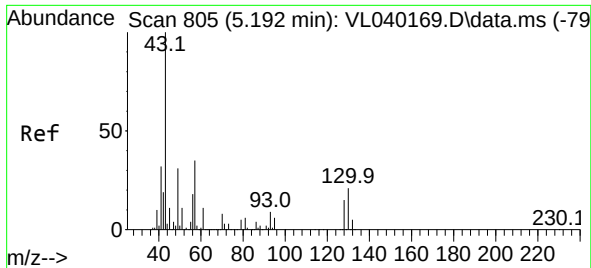


#24
 1,1-Dichloroethane
 Concen: 1.018 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46



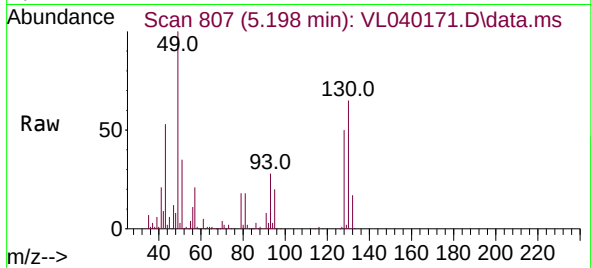
Tgt Ion: 63	Resp: 119571
Ion Ratio	Lower Upper
63 100	
98 4.0	2.3 6.8
100 3.4	1.4 4.0





#25
Ethyl Acetate
Concen: 1.085 ppbv
RT: 5.198 min Scan# 805
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

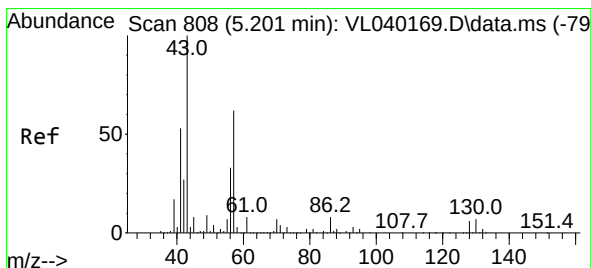
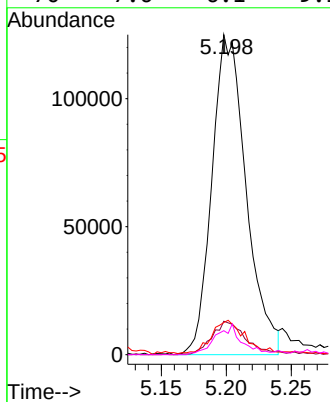
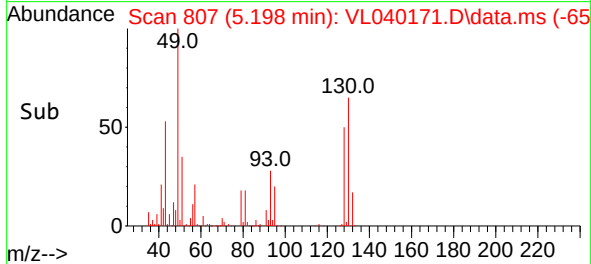
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



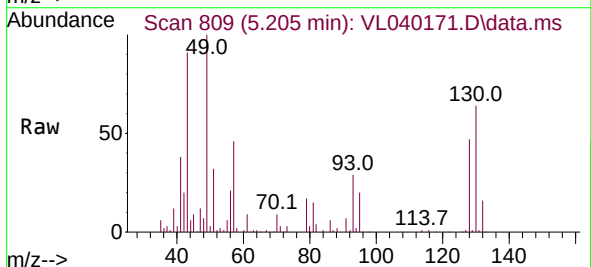
Tgt Ion: 43 Resp: 228700
Ion Ratio Lower Upper
43 100
45 11.0 8.3 12.5
61 11.2 8.4 12.6
70 7.6 6.1 9.1

Manual Integrations
APPROVED

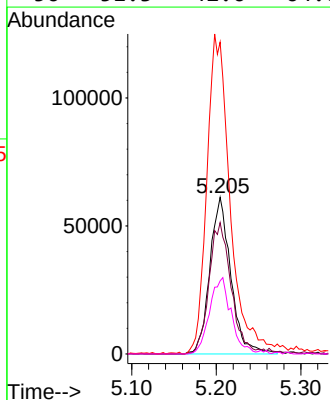
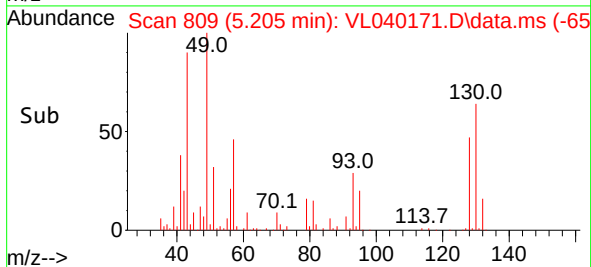
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

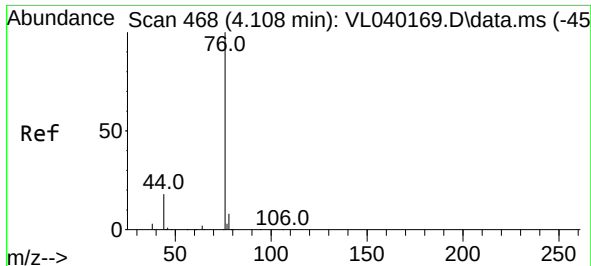


#26
Hexane
Concen: 1.148 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



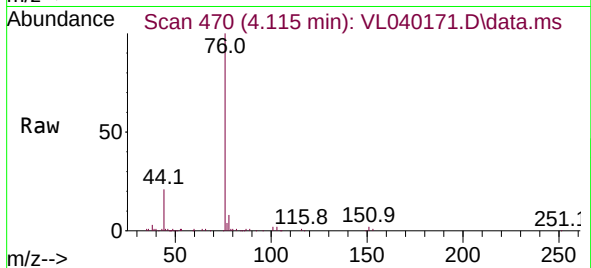
Tgt Ion: 57 Resp: 105938
Ion Ratio Lower Upper
57 100
41 90.7 74.3 111.5
43 231.6 193.0 289.4
56 51.3 42.6 64.0





#27
Carbon Disulfide
Concen: 0.931 ppbv
RT: 4.115 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

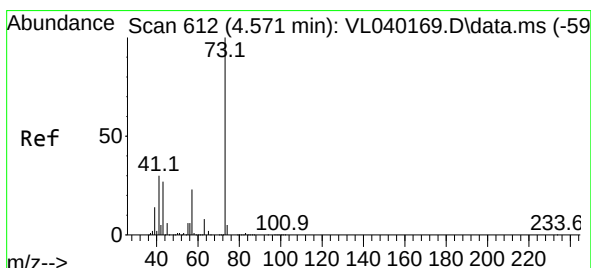
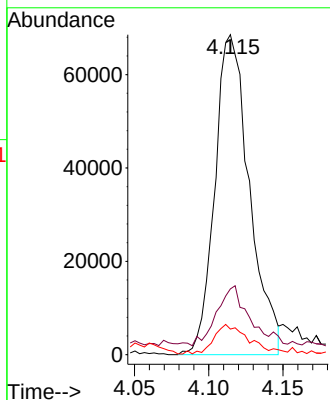
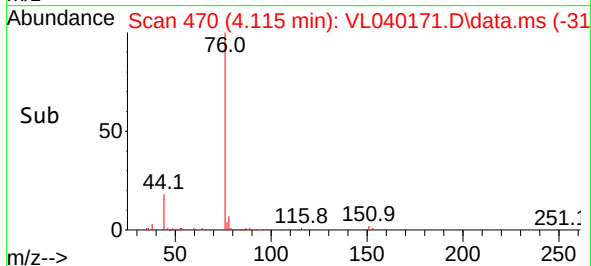
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 111220
Ion Ratio Lower Upper
76 100
44 18.6 15.3 22.9
78 10.3 7.7 11.5

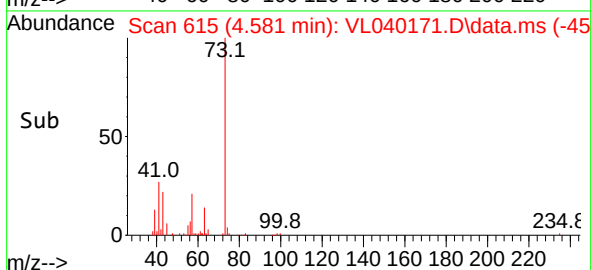
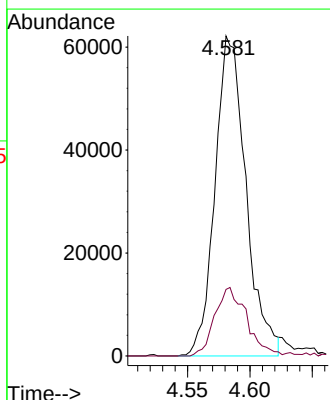
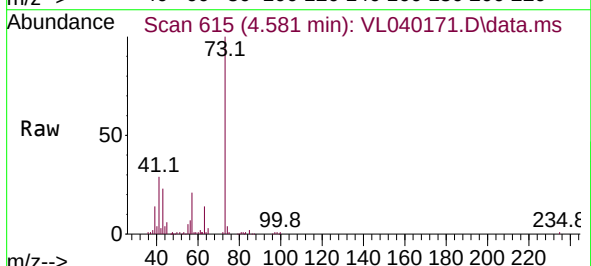
Manual Integrations
APPROVED

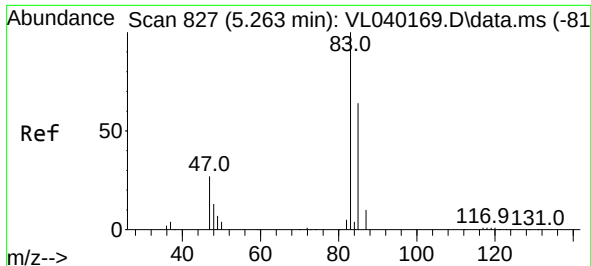
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
Methyl tert-Butyl Ether
Concen: 1.033 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 73 Resp: 107174
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2





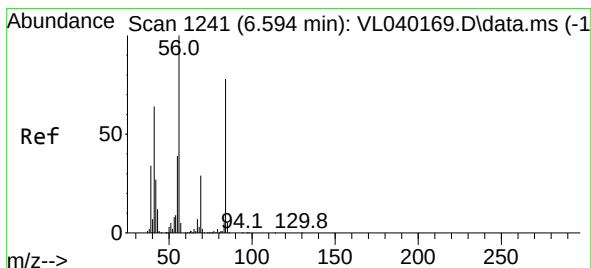
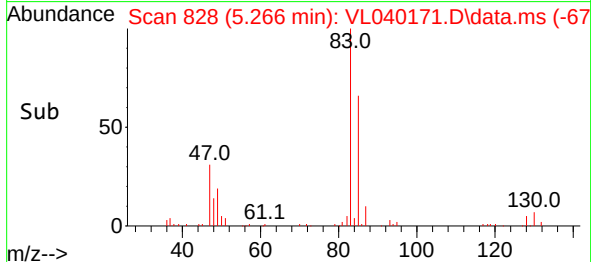
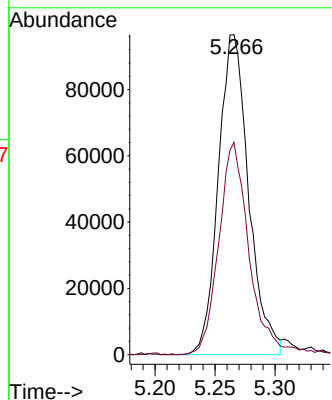
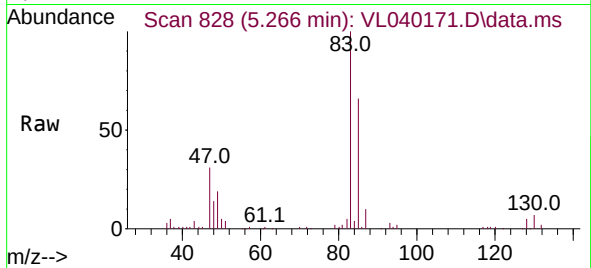
#29
Chloroform
Concen: 1.149 ppbv
RT: 5.266 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 16949
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3

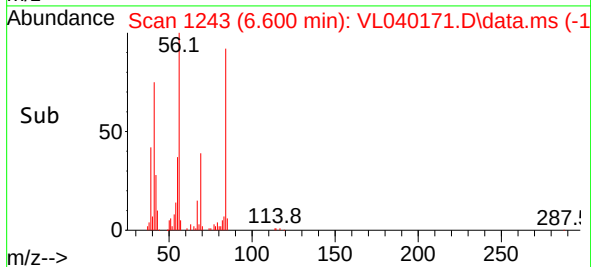
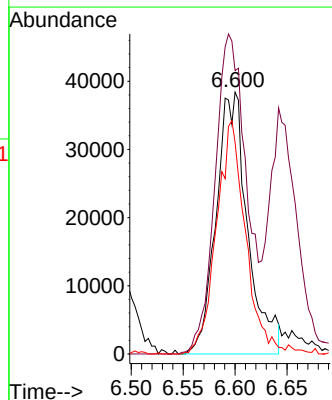
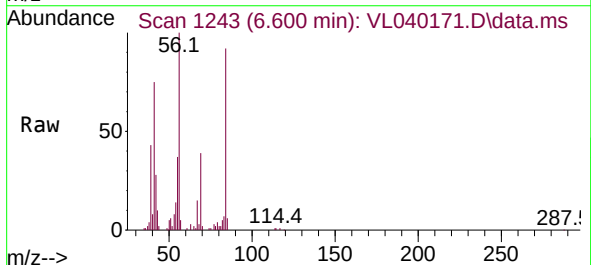
Manual Integrations
APPROVED

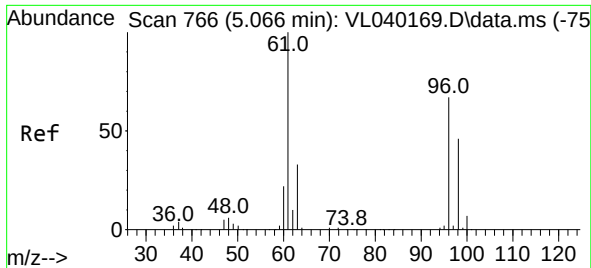
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
Cyclohexane
Concen: 1.106 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

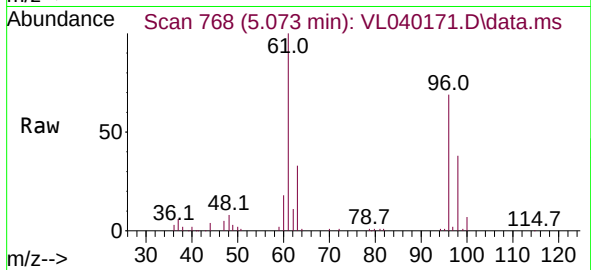
Tgt Ion: 84 Resp: 81126
Ion Ratio Lower Upper
84 100
56 126.9 109.9 164.9
41 83.1 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 1.064 ppbv
 RT: 5.073 min Scan# 766
 Delta R.T. 0.006 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

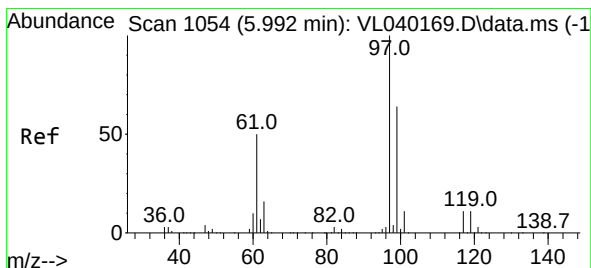
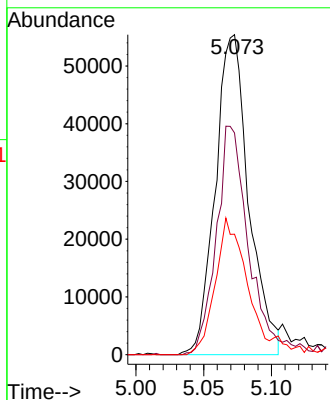
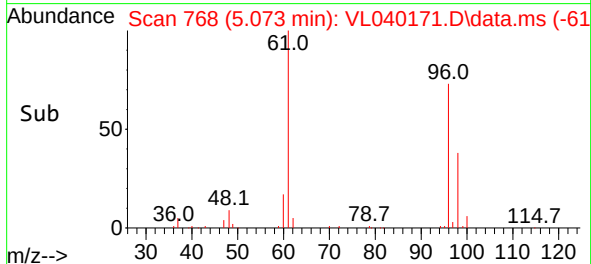
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 61 Resp: 9506
 Ion Ratio Lower Upper
 61 100
 96 69.3 53.7 80.5
 98 37.7 36.4 54.6

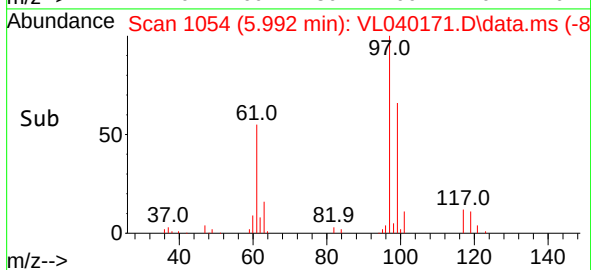
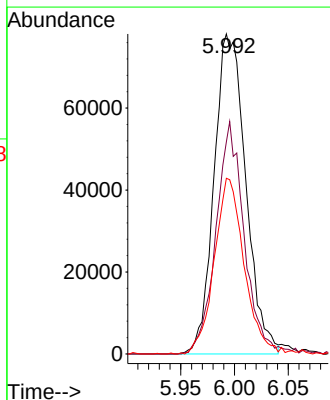
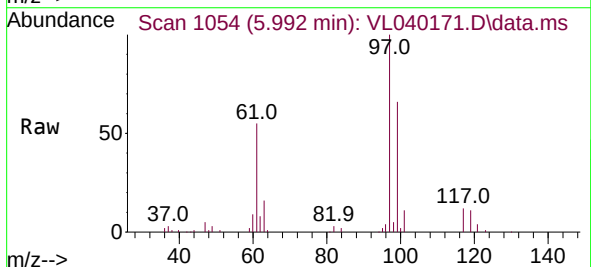
Manual Integrations
 APPROVED

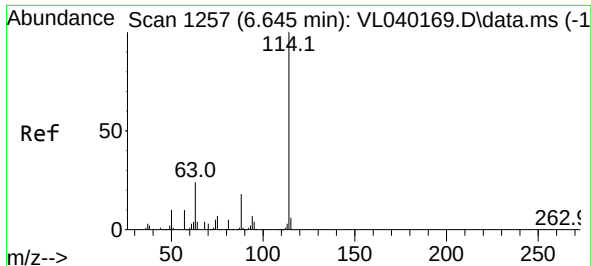
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#32
 1,1,1-Trichloroethane
 Concen: 1.065 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

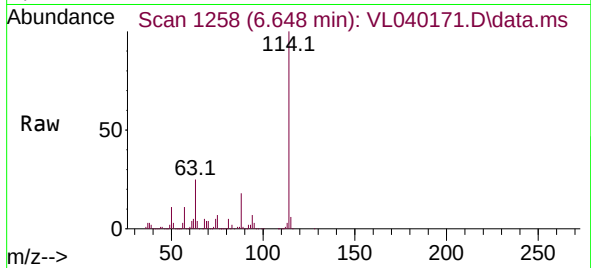
Tgt Ion: 97 Resp: 159651
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.5 77.3
 61 52.7 40.6 60.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

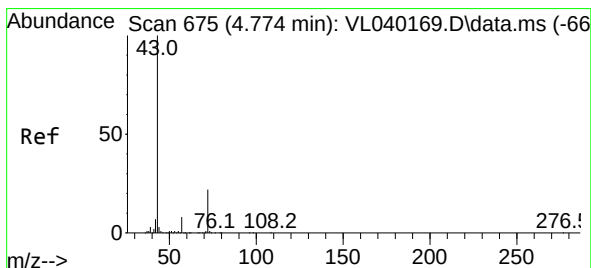
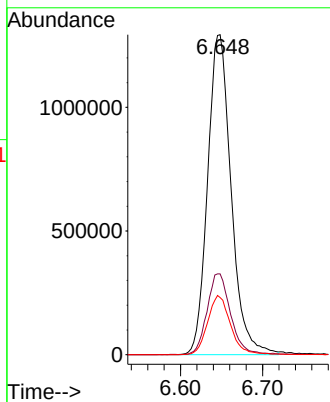
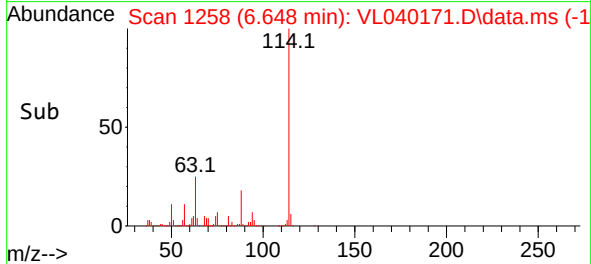
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



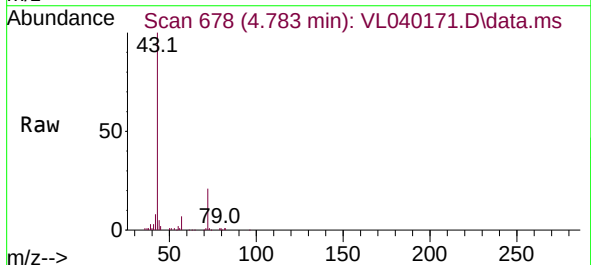
Tgt Ion:114 Resp: 2579590
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 18.1 14.3 21.5

Manual Integrations
APPROVED

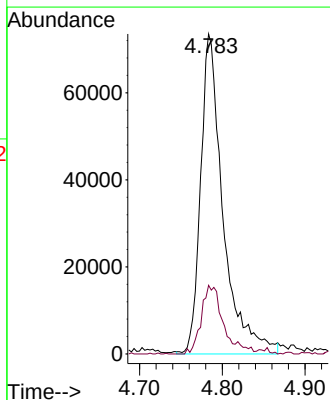
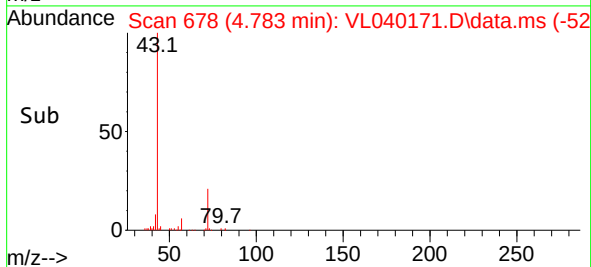
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

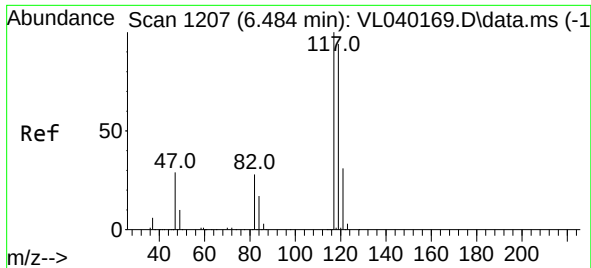


#34
2-Butanone
Concen: 1.135 ppbv m
RT: 4.783 min Scan# 678
Delta R.T. 0.010 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion: 43 Resp: 138541
Ion Ratio Lower Upper
43 100
72 21.8 17.8 26.8





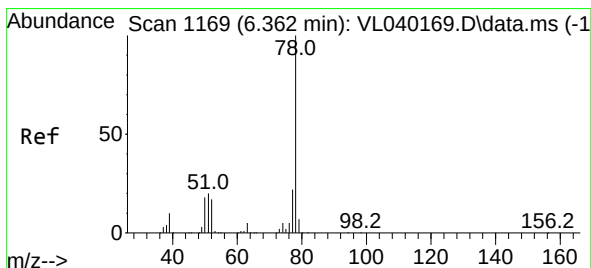
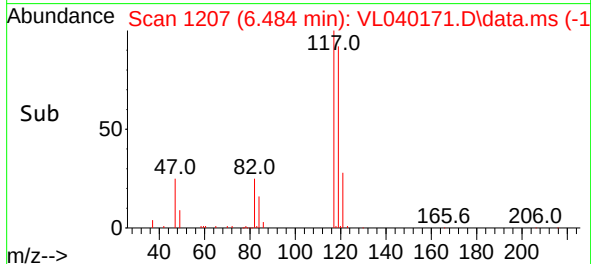
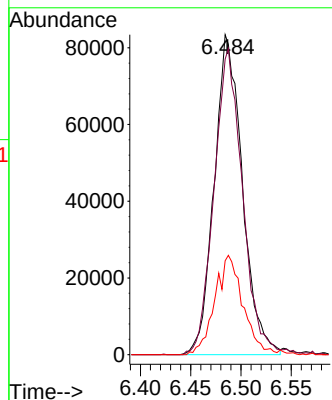
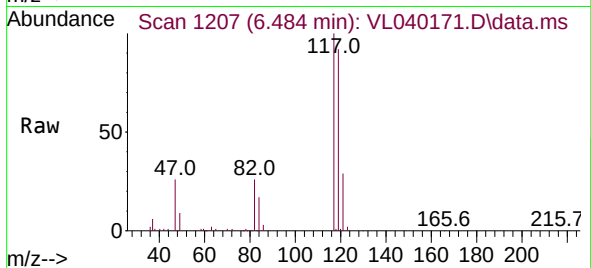
#35
Carbon Tetrachloride
Concen: 1.115 ppbv
RT: 6.484 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 117 Resp: 162680
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.6
121 29.3 25.0 37.4

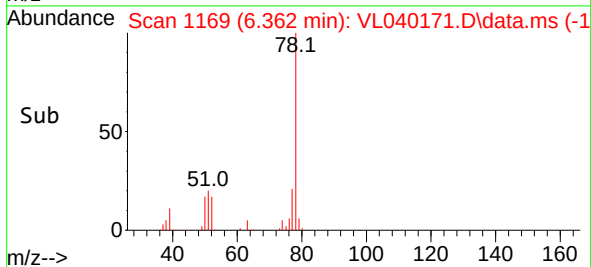
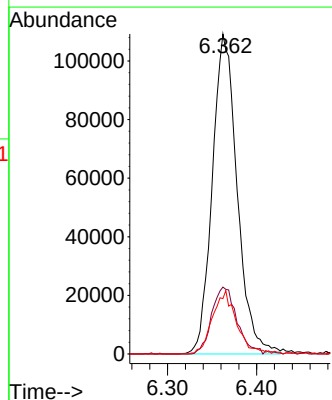
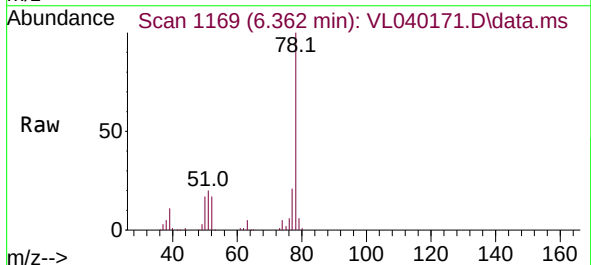
Manual Integrations
APPROVED

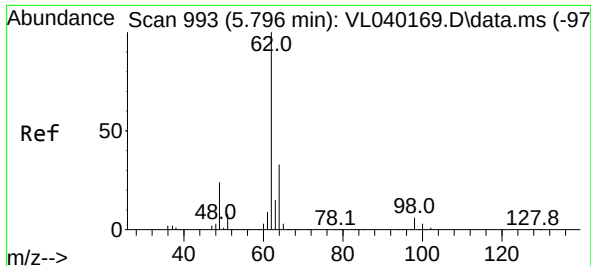
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
Benzene
Concen: 1.110 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

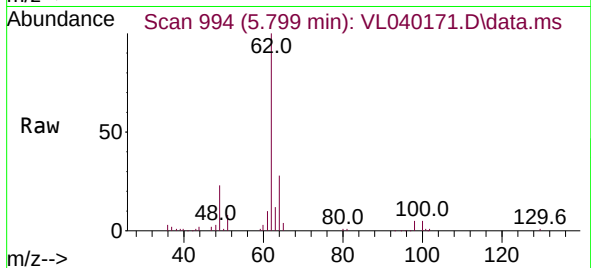
Tgt Ion: 78 Resp: 211925
Ion Ratio Lower Upper
78 100
77 20.9 17.5 26.3
50 17.1 14.6 22.0





#37
1,2-Dichloroethane
Concen: 1.058 ppbv
RT: 5.799 min Scan# 994
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

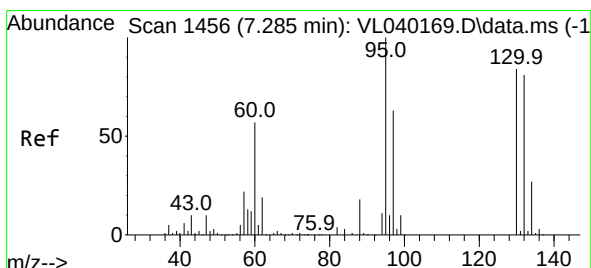
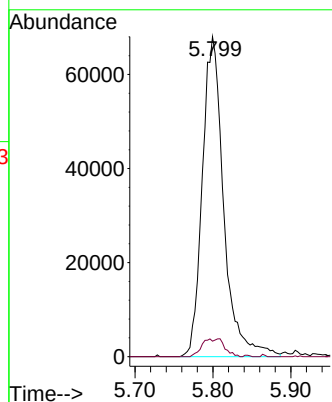
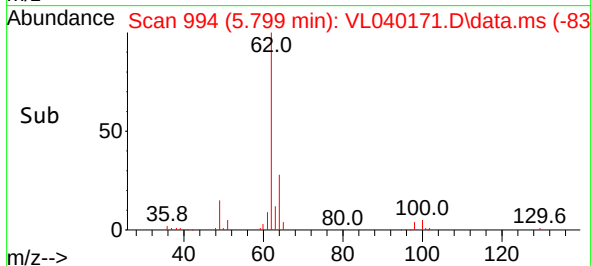
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



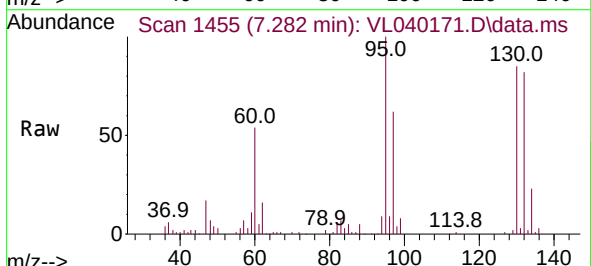
Tgt Ion: 62 Resp: 129875
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1

Manual Integrations
APPROVED

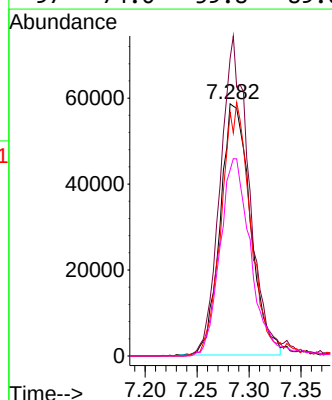
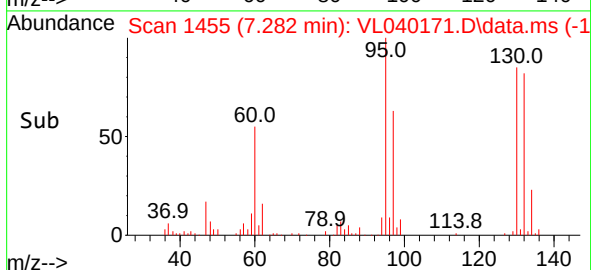
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

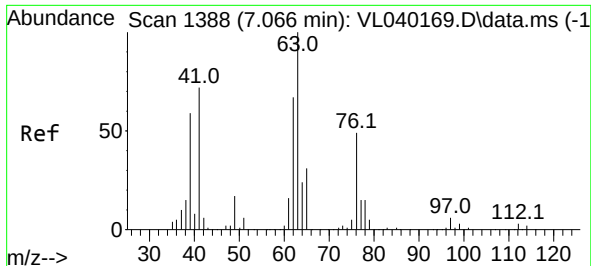


#38
Trichloroethene
Concen: 1.090 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion:130 Resp: 118115
Ion Ratio Lower Upper
130 100
95 118.4 94.7 142.1
132 97.0 76.4 114.6
97 74.0 59.8 89.6





#39

1,2-Dichloropropane

Concen: 1.069 ppbv m

RT: 7.069 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

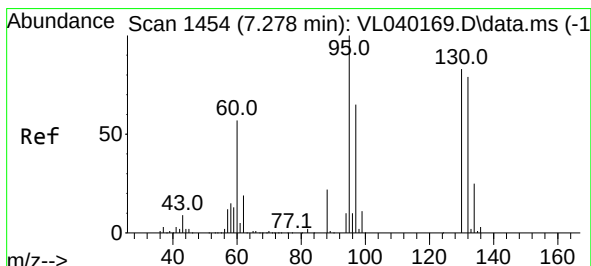
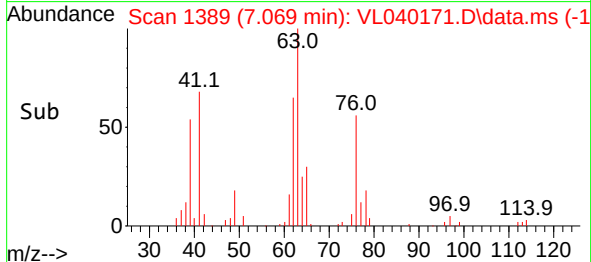
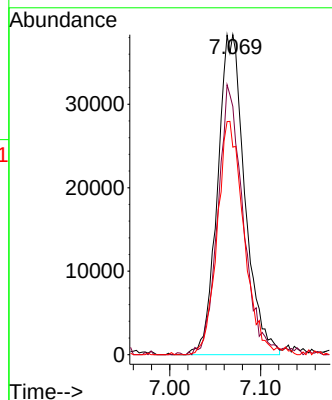
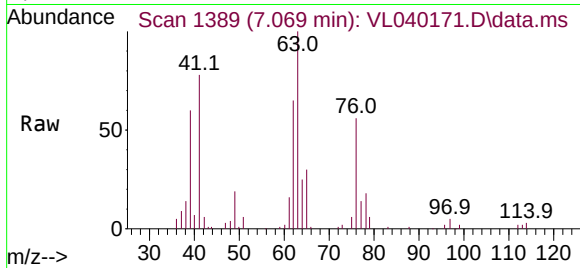
Tgt Ion: 63 Resp: 7984

Ion	Ratio	Lower	Upper
63	100		
41	77.5	57.6	86.4
62	64.9	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40

1,4-Dioxane

Concen: 1.116 ppbv m

RT: 7.307 min Scan# 1463

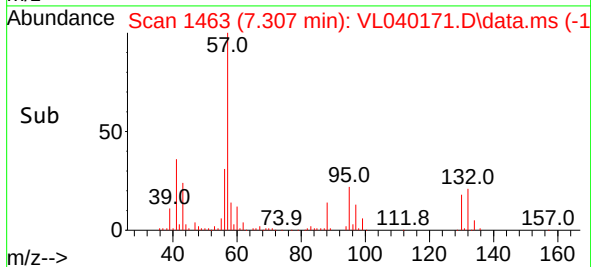
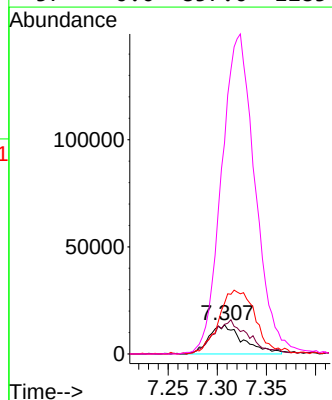
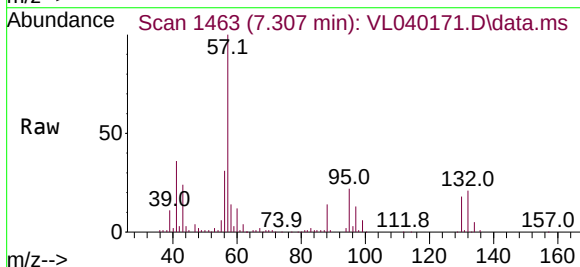
Delta R.T. 0.029 min

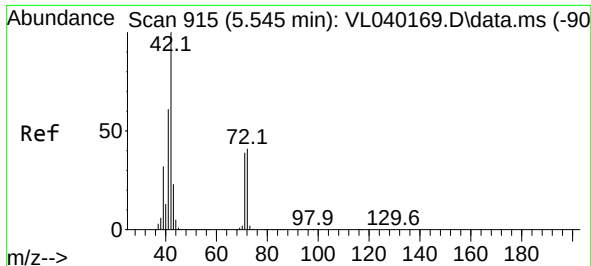
Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion: 88 Resp: 33066

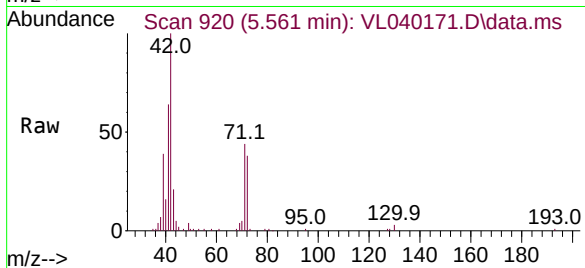
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.4	146.0#
43	0.0	193.5	290.3#
57	0.0	857.0	1285.6#





#41
Tetrahydrofuran
Concen: 1.108 ppbv m
RT: 5.561 min Scan# 915
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

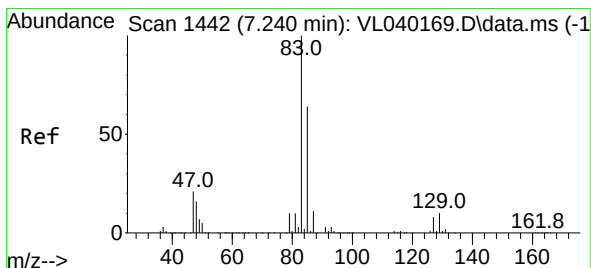
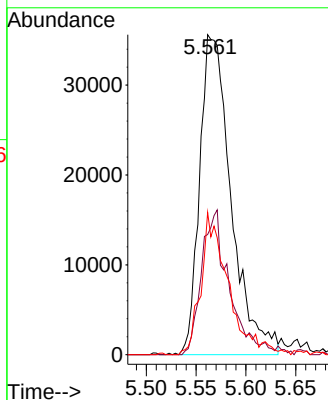
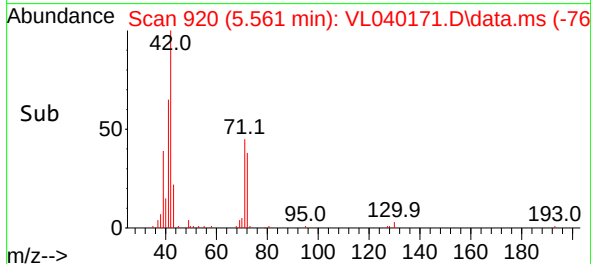
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 42 Resp: 78039
Ion Ratio Lower Upper
42 100
72 40.9 33.0 49.4
71 39.4 31.4 47.2

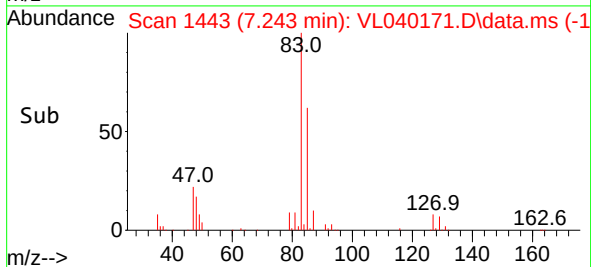
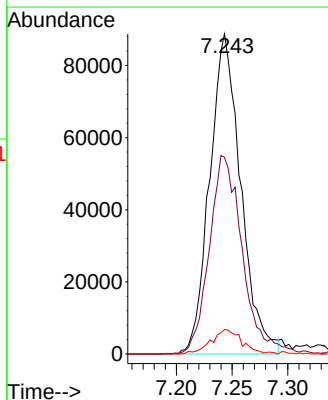
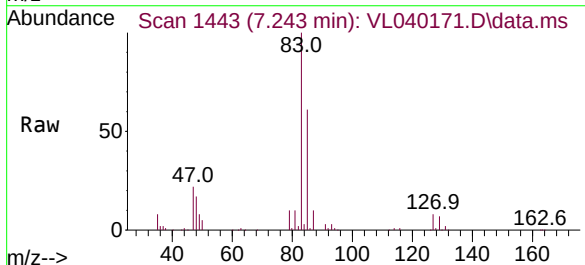
Manual Integrations
APPROVED

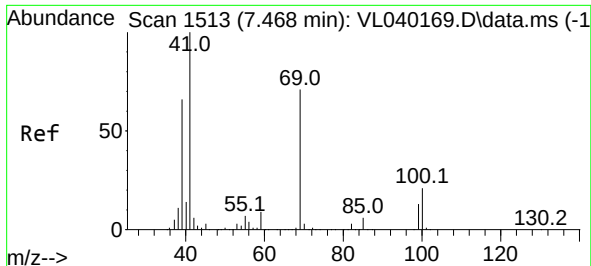
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Bromodichloromethane
Concen: 1.039 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

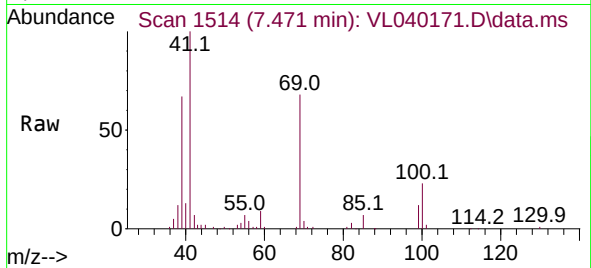
Tgt Ion: 83 Resp: 172165
Ion Ratio Lower Upper
83 100
85 61.2 50.9 76.3
127 7.6 6.2 9.2





#43
Methyl Methacrylate
Concen: 1.055 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

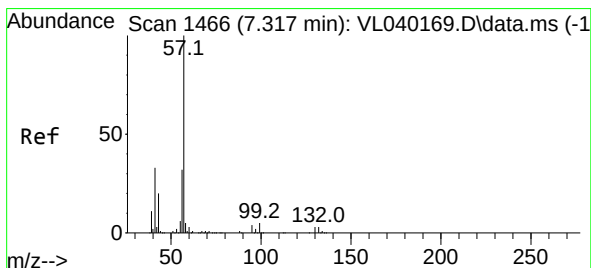
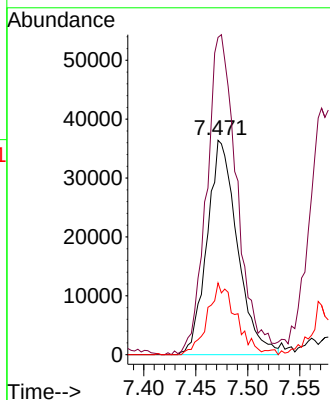
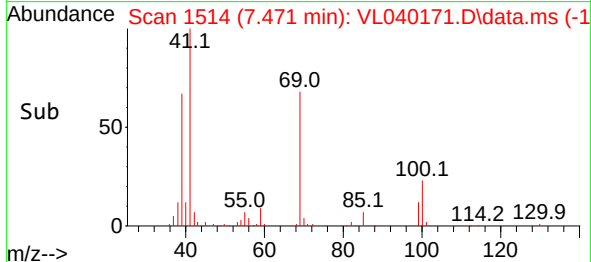
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 7392
Ion Ratio Lower Upper
69 100
41 148.9 116.6 174.8
100 32.2 25.6 38.4

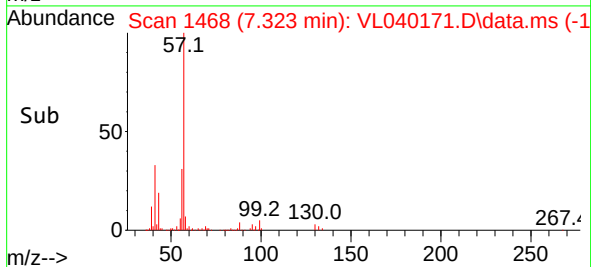
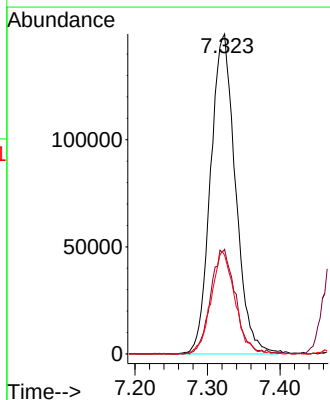
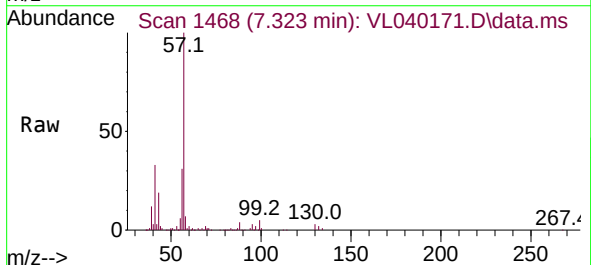
Manual Integrations
APPROVED

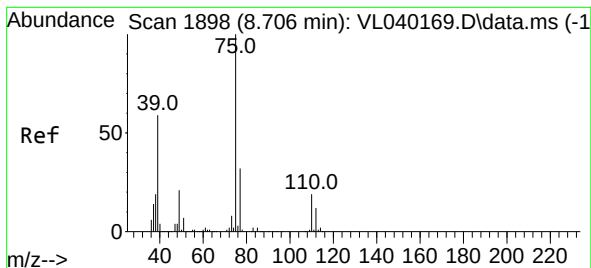
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
2,2,4-Trimethylpentane
Concen: 1.121 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 57 Resp: 355902
Ion Ratio Lower Upper
57 100
41 33.0 26.2 39.4
56 30.8 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 0.904 ppbv

RT: 8.709 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 5648

Ion Ratio Lower Upper

75 100

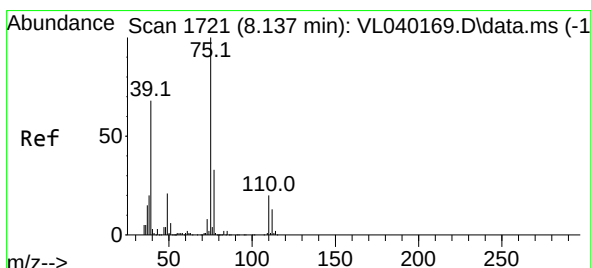
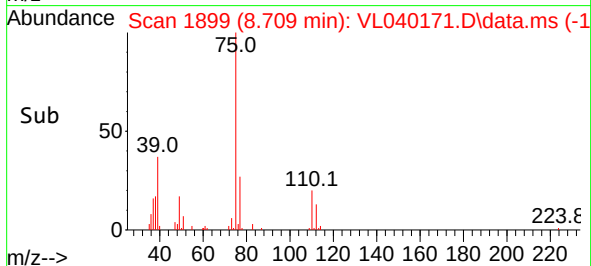
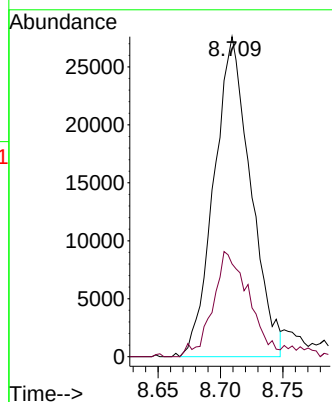
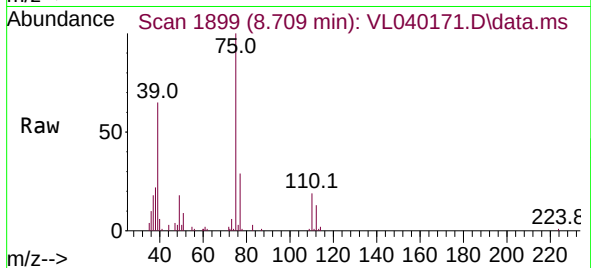
77 29.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#46

cis-1,3-Dichloropropene

Concen: 0.982 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

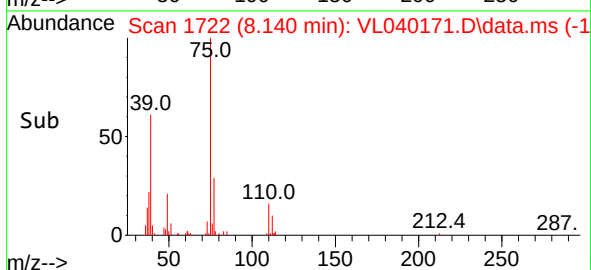
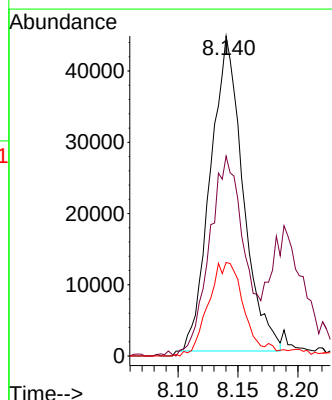
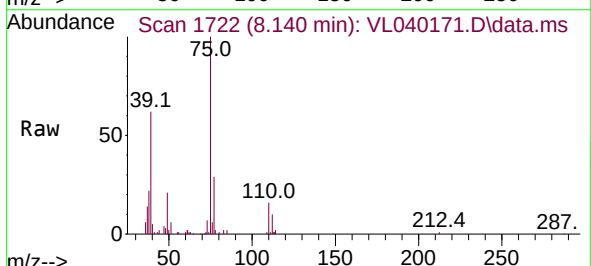
Tgt Ion: 75 Resp: 83818

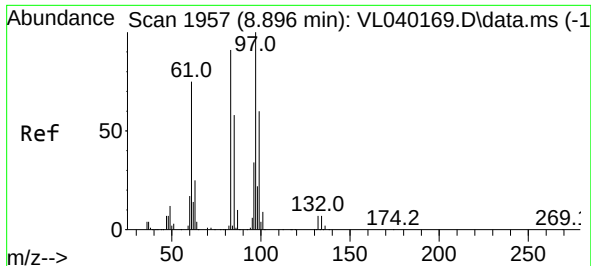
Ion Ratio Lower Upper

75 100

39 61.6 54.2 81.2

77 29.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 1.101 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VL040171.D

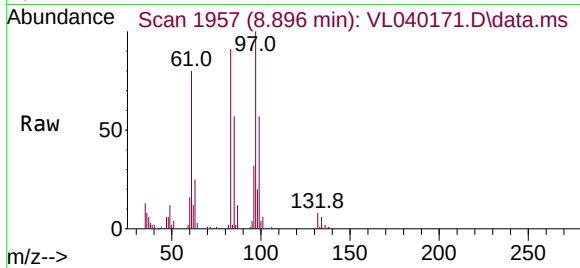
Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion: 97 Resp: 8655

Ion Ratio Lower Upper

97 100

83 91.0 72.8 109.2

85 57.0 46.6 69.8

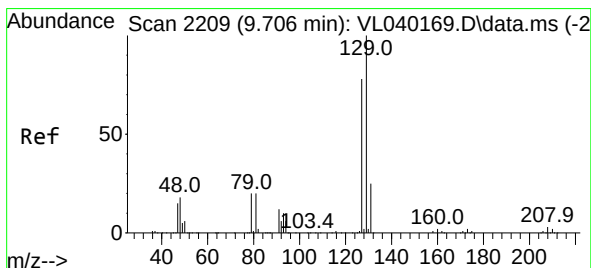
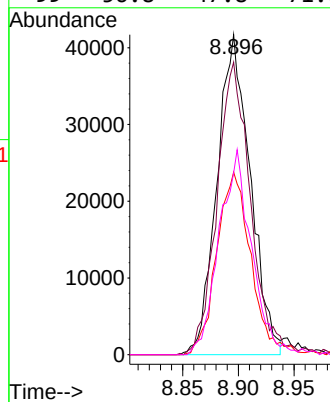
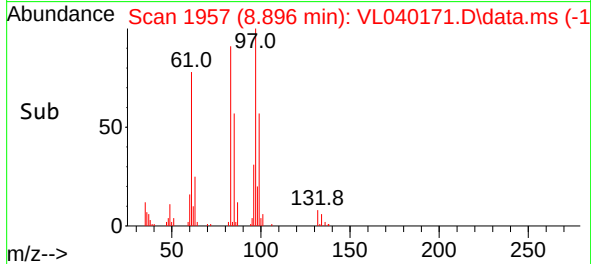
99 56.8 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#48

Dibromochloromethane

Concen: 1.023 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VL040171.D

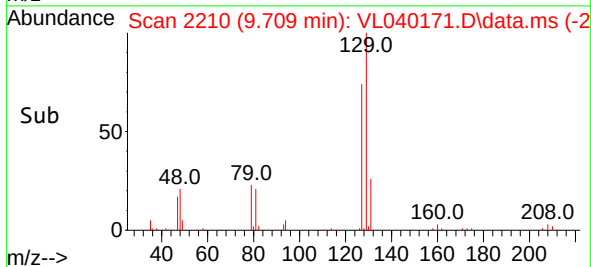
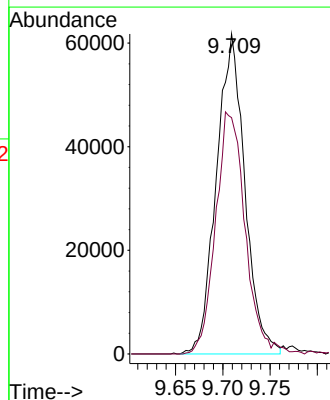
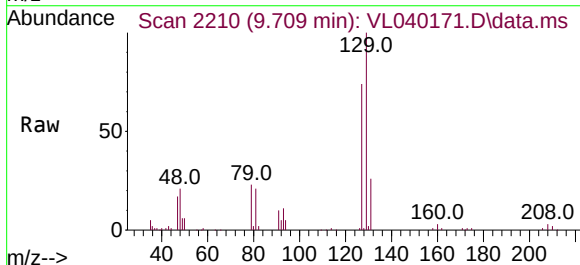
Acq: 15 Feb 2023 11:46

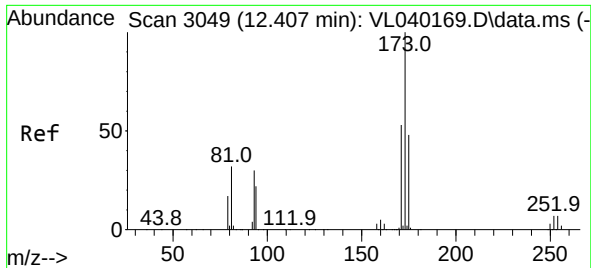
Tgt Ion:129 Resp: 129258

Ion Ratio Lower Upper

129 100

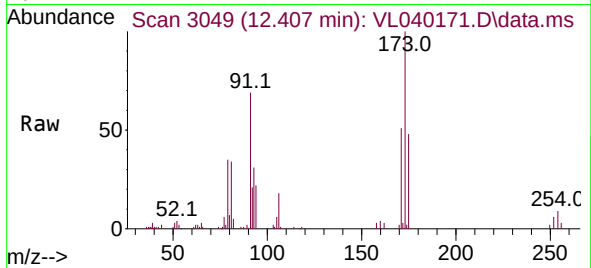
127 78.9 39.1 117.2





#49
Bromoform
Concen: 0.995 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

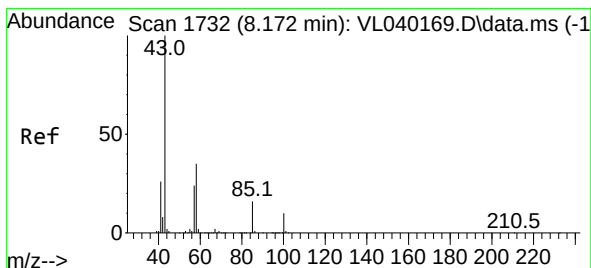
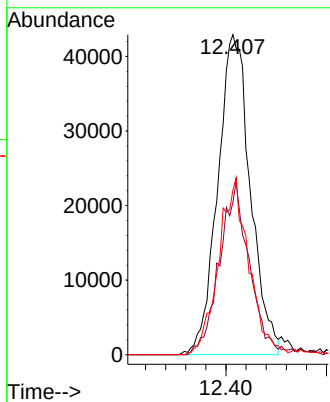
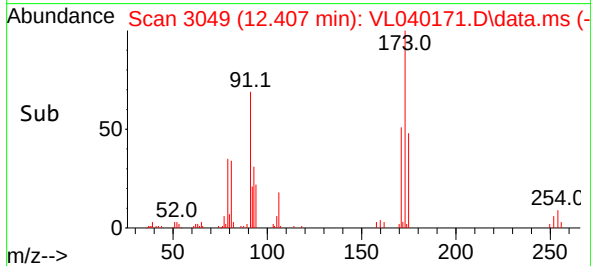
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



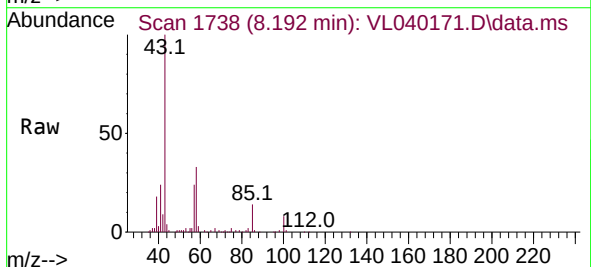
Tgt Ion: 173 Resp: 96890
Ion Ratio Lower Upper
173 100
175 50.6 39.4 59.0
171 52.4 41.8 62.6

Manual Integrations
APPROVED

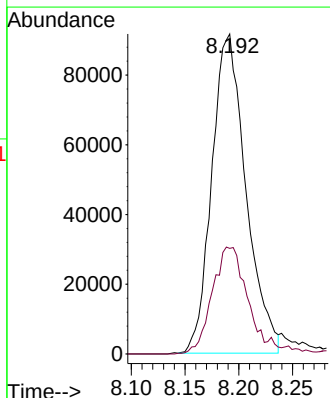
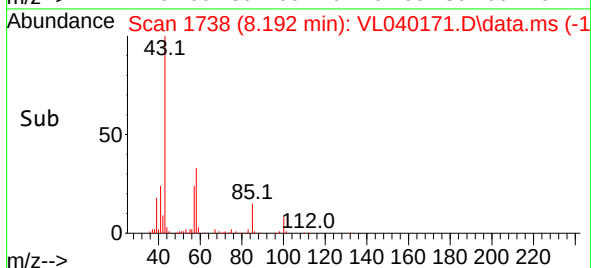
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

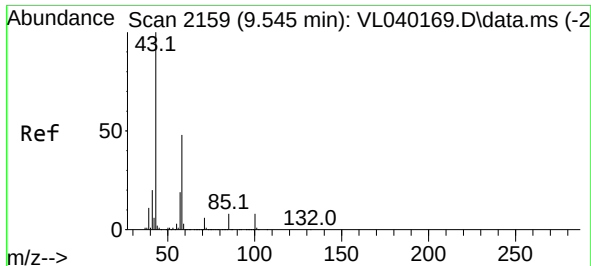


#50
4-Methyl-2-Pentanone
Concen: 1.054 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.019 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion: 43 Resp: 202380
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8





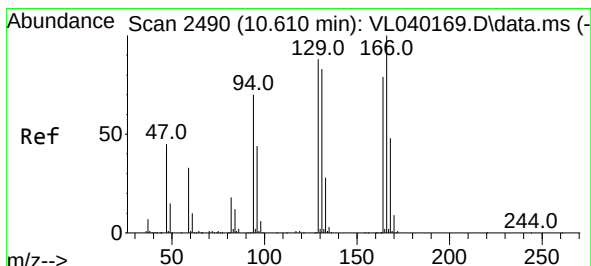
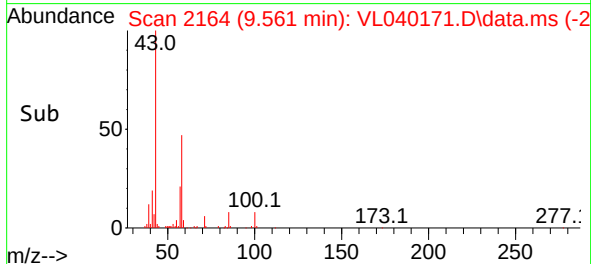
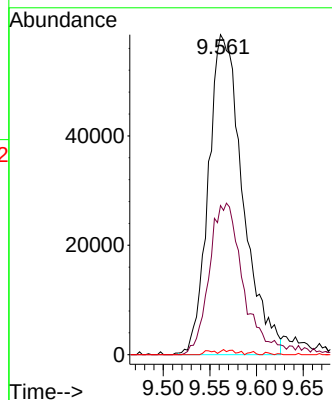
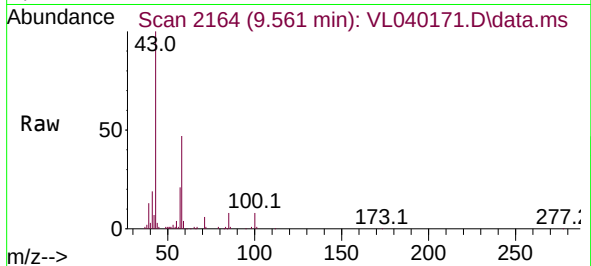
#51
2-Hexanone
Concen: 1.032 ppbv m
RT: 9.561 min Scan# 2159
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 150124
Ion Ratio Lower Upper
43 100
58 49.0 39.1 58.7
98 1.4 0.2 0.4

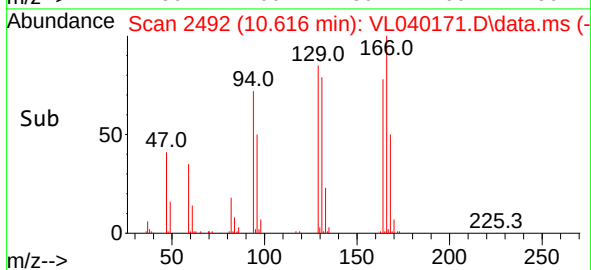
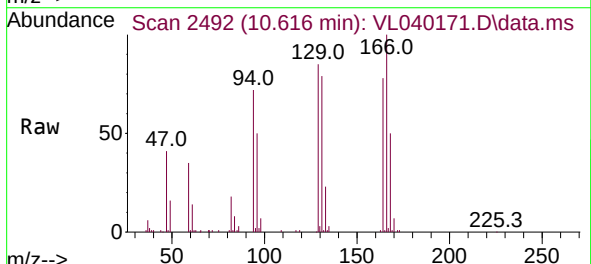
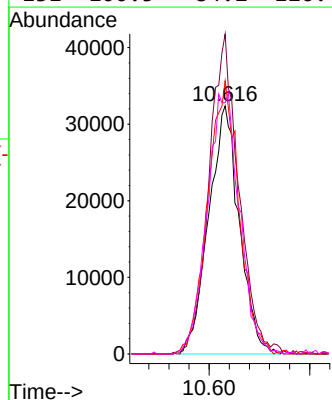
Manual Integrations
APPROVED

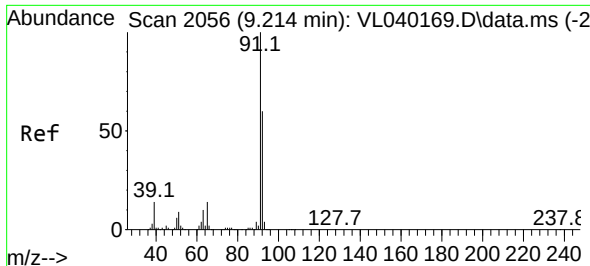
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
Tetrachloroethene
Concen: 1.093 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

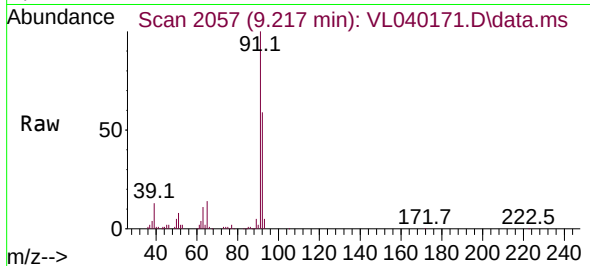
Tgt Ion:164 Resp: 68255
Ion Ratio Lower Upper
164 100
166 129.0 101.5 152.3
129 109.4 89.0 133.4
131 100.5 84.2 126.4





#53
Toluene
Concen: 1.075 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

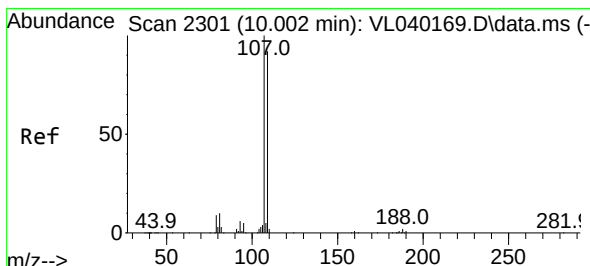
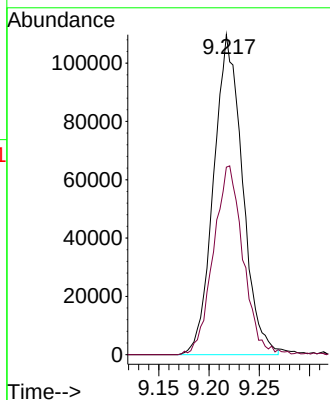
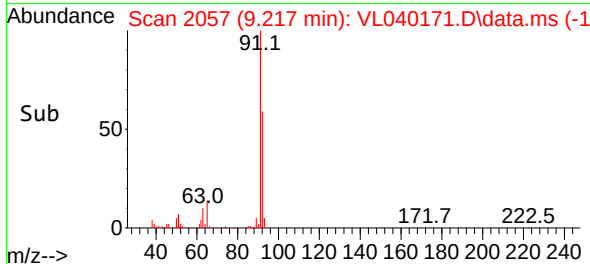
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



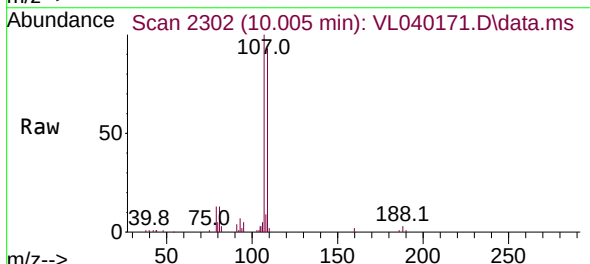
Tgt Ion: 91 Resp: 21892
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

Manual Integrations
APPROVED

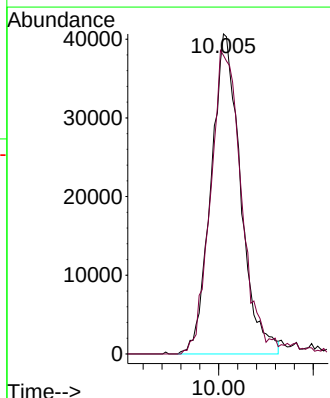
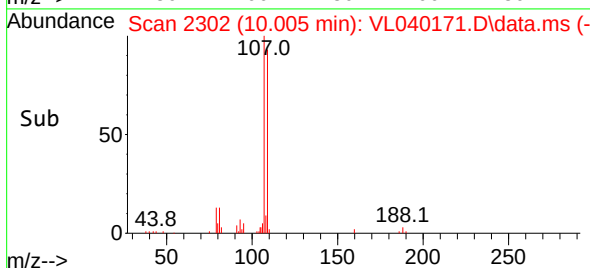
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

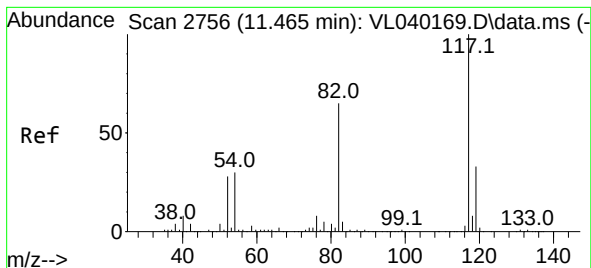


#54
1,2-Dibromoethane
Concen: 1.072 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



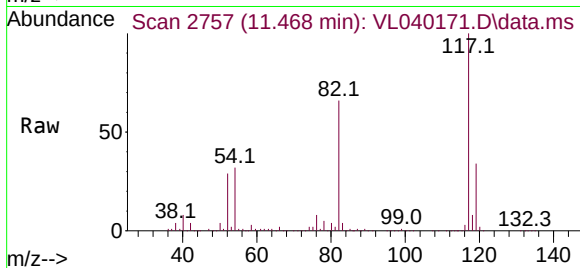
Tgt Ion:107 Resp: 88207
Ion Ratio Lower Upper
107 100
109 93.3 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

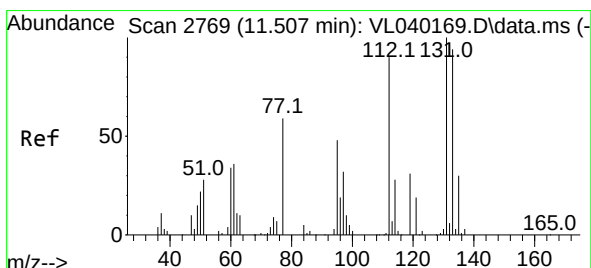
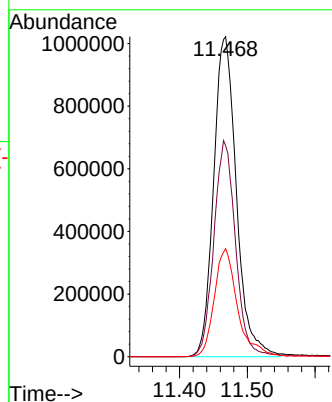
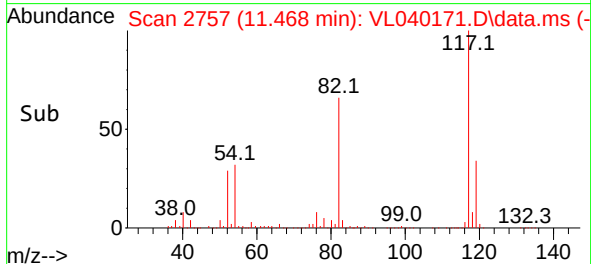
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:117 Resp: 238767
Ion Ratio Lower Upper
117 100
82 64.8 53.3 79.9
119 34.4 24.6 37.0

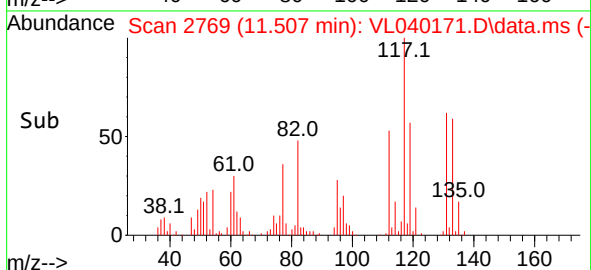
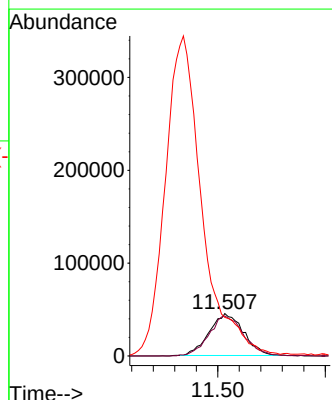
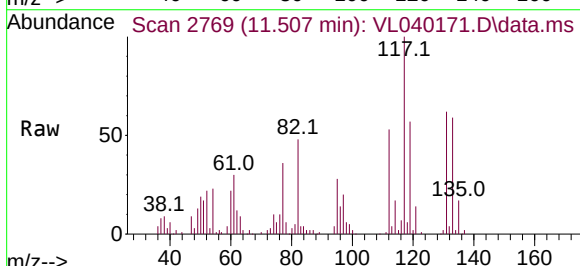
Manual Integrations
APPROVED

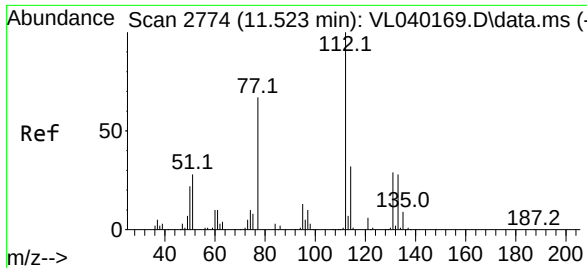
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 1.071 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

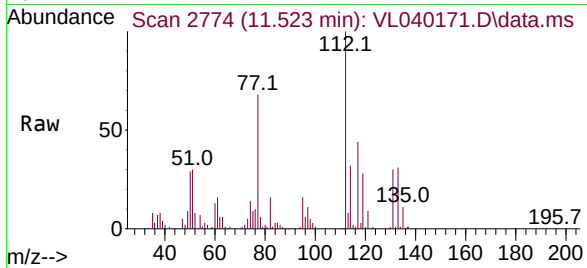
Tgt Ion:131 Resp: 99536
Ion Ratio Lower Upper
131 100
133 97.5 76.2 114.2
119 825.4 45.4 68.0#





#57
Chlorobenzene
Concen: 1.118 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

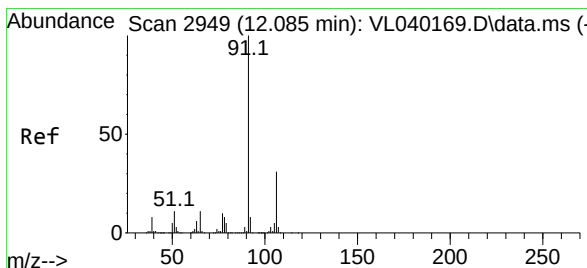
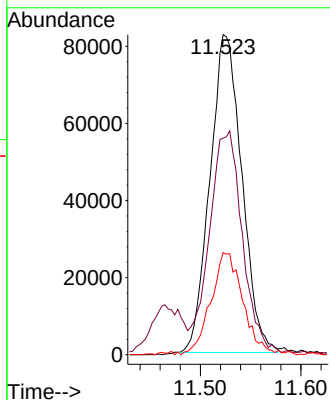
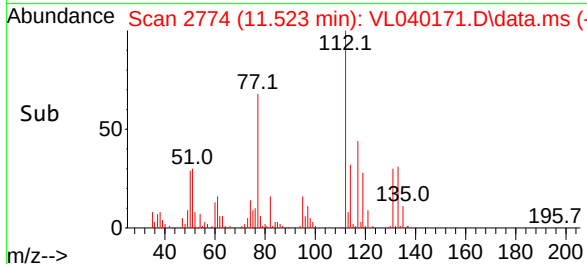
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 181894
Ion Ratio Lower Upper
112 100
77 66.6 55.0 82.4
114 31.3 29.0 35.4

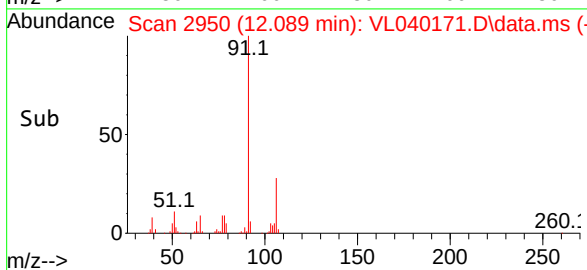
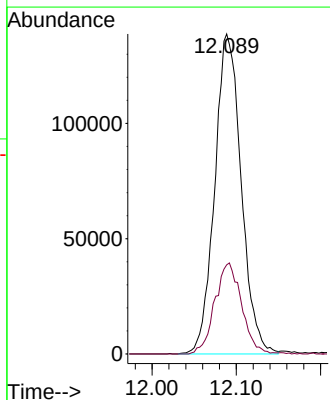
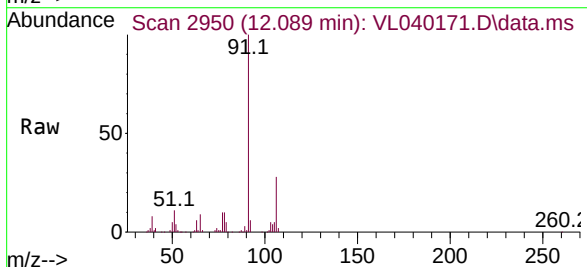
Manual Integrations
APPROVED

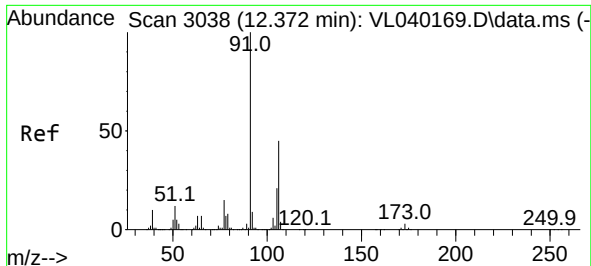
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
Ethyl Benzene
Concen: 1.136 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 302635
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3





#59

m/p-Xylene

Concen: 2.254 ppbv m

RT: 12.375 min Scan# 3038

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 539892

Ion Ratio Lower Upper

91 100

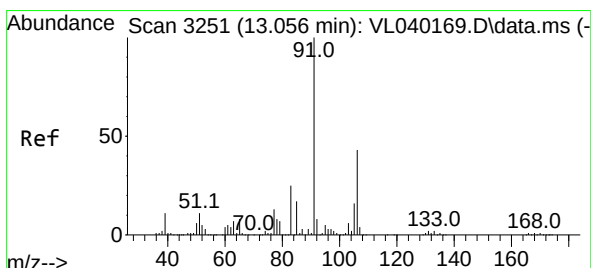
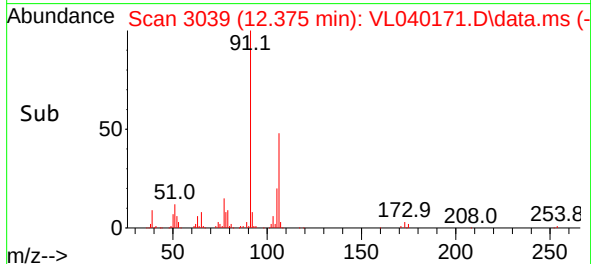
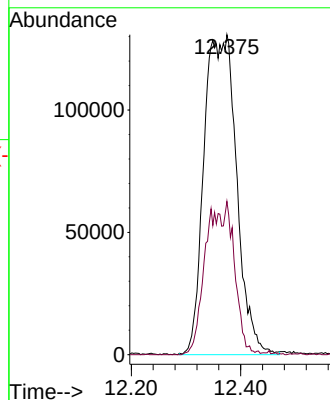
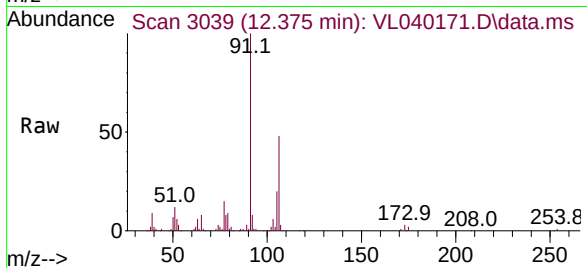
106 42.4 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#60

o-Xylene

Concen: 1.144 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.006 min

Lab File: VL040171.D

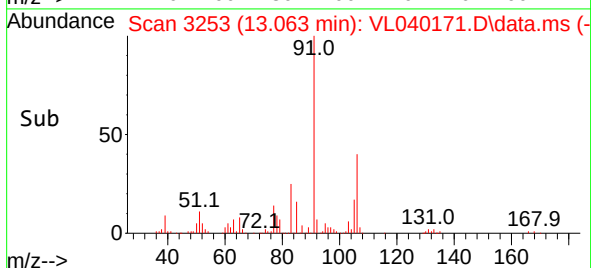
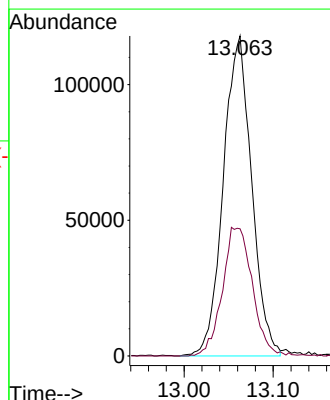
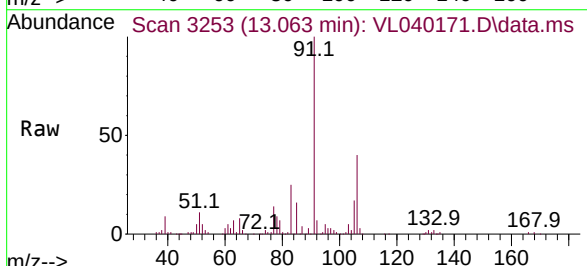
Acq: 15 Feb 2023 11:46

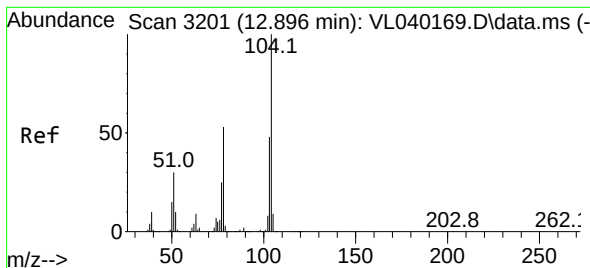
Tgt Ion: 91 Resp: 260122

Ion Ratio Lower Upper

91 100

106 42.7 21.6 65.0





#61

Styrene

Concen: 1.103 ppbv m

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

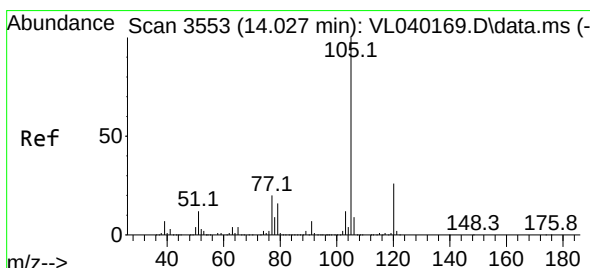
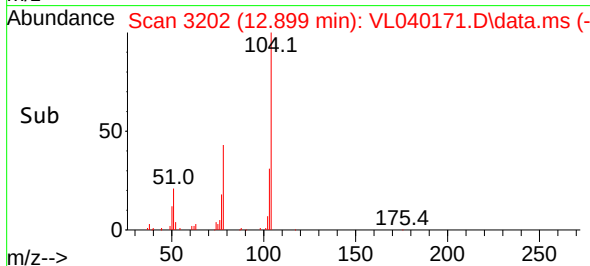
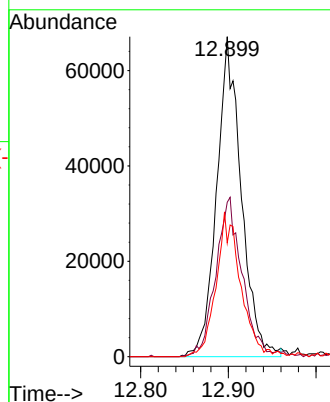
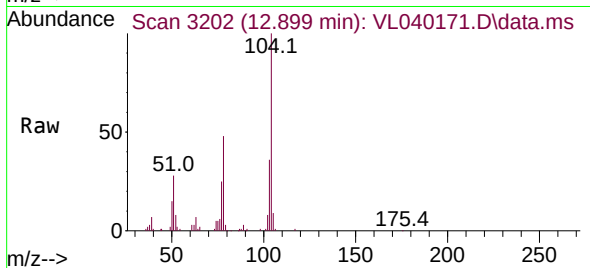
VSTDIC001

Tgt Ion:104 Resp: 130670
 Ion Ratio Lower Upper
 104 100
 78 0.0 42.3 63.5
 103 45.3 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#62

Isopropylbenzene

Concen: 1.161 ppbv

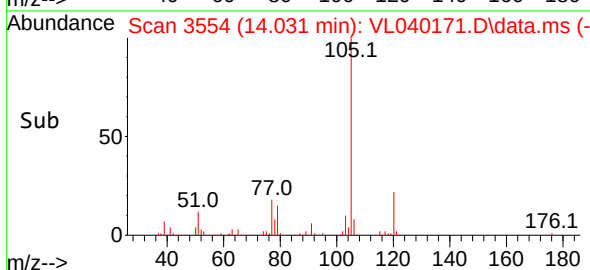
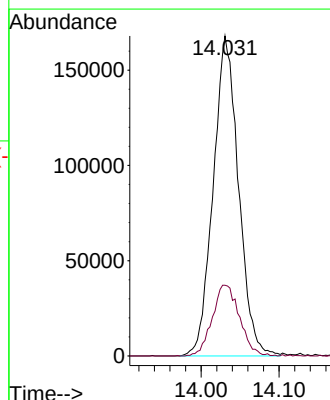
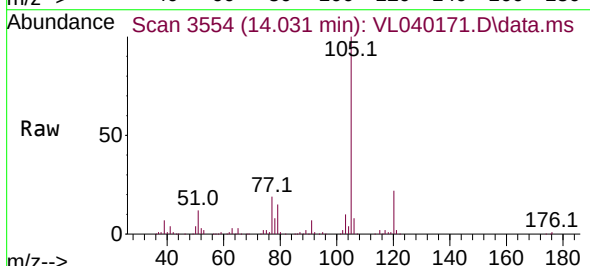
RT: 14.031 min Scan# 3554

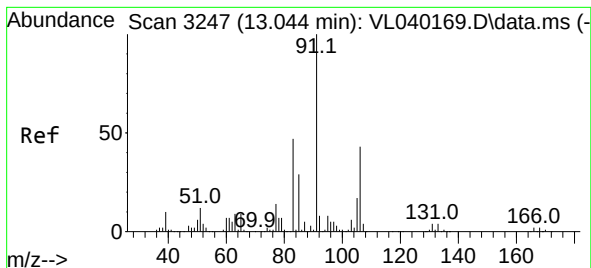
Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion:105 Resp: 379687
 Ion Ratio Lower Upper
 105 100
 120 23.9 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 1.164 ppbv m

RT: 13.056 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

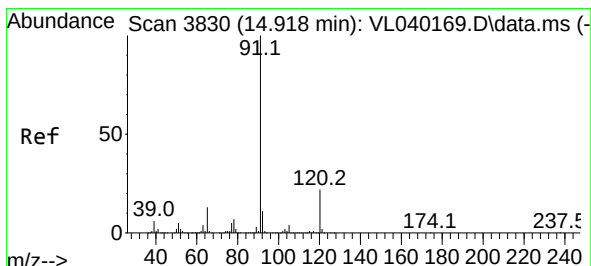
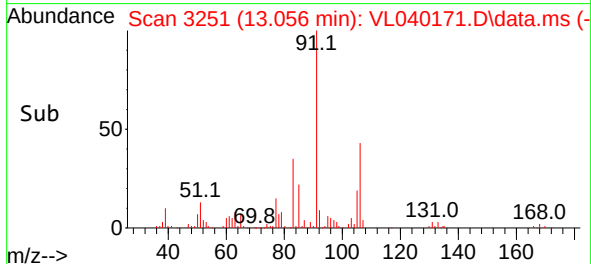
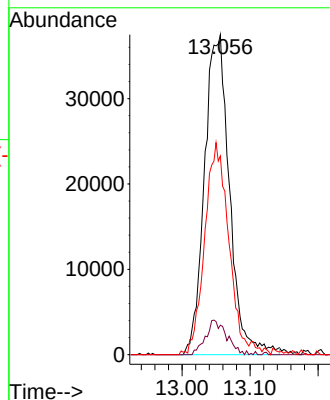
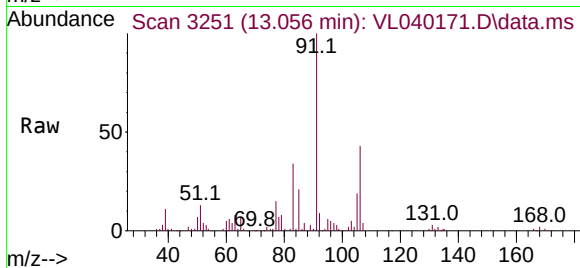
Tgt Ion: 83 Resp: 96140

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.4	13.2
85	64.2	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64

n-propylbenzene

Concen: 1.104 ppbv

RT: 14.918 min Scan# 3830

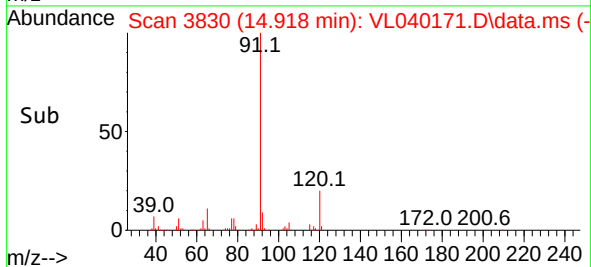
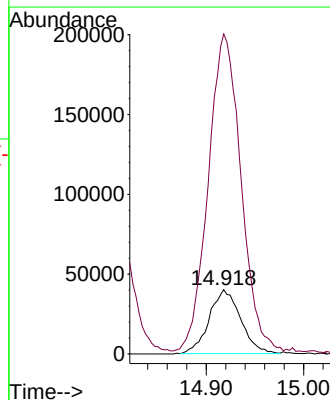
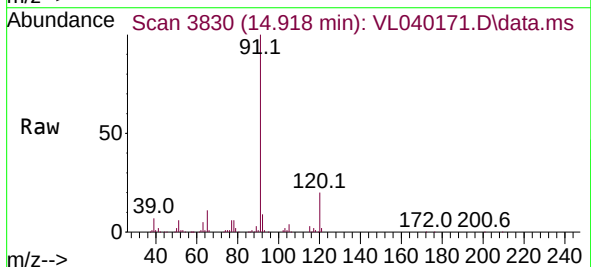
Delta R.T. -0.000 min

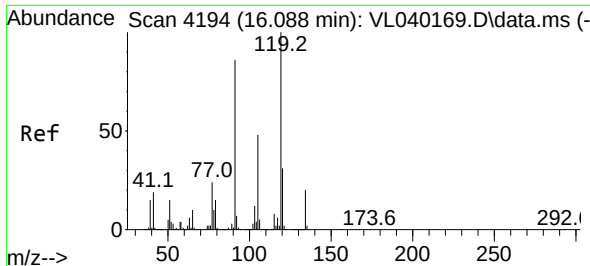
Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion:120 Resp: 89802

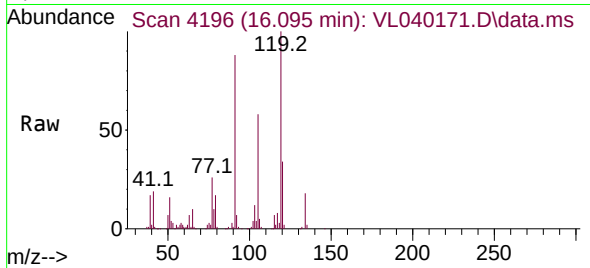
Ion	Ratio	Lower	Upper
120	100		
91	533.6	389.8	584.8





#65
tert-Butylbenzene
Concen: 1.179 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

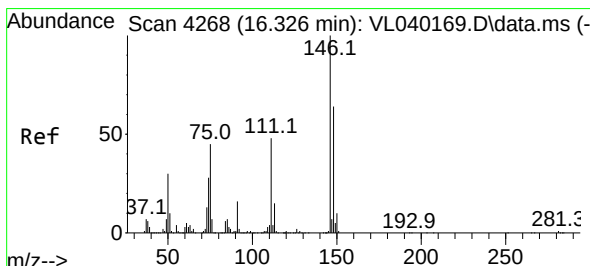
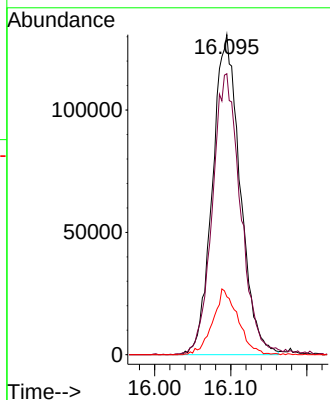
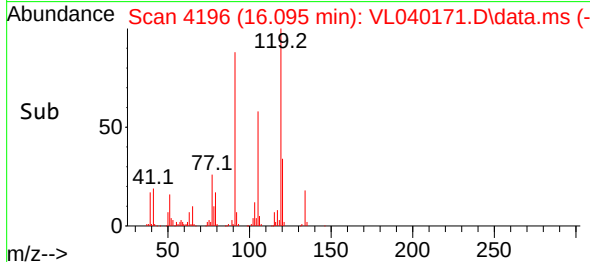
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 119 Resp: 330220
Ion Ratio Lower Upper
119 100
91 90.4 68.6 102.8
134 18.8 15.9 23.9

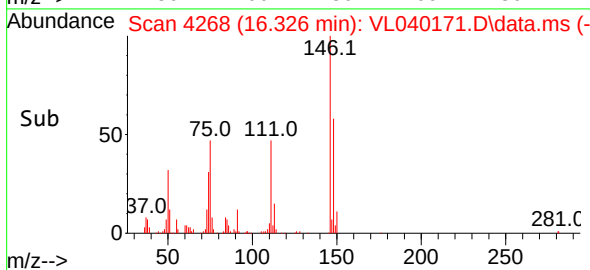
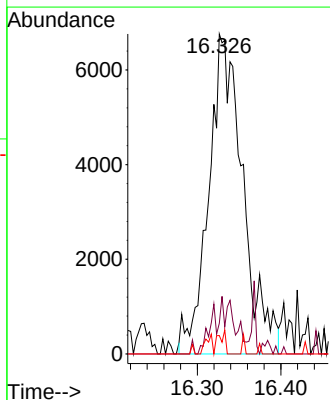
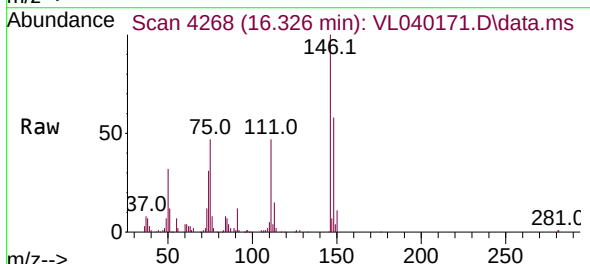
Manual Integrations
APPROVED

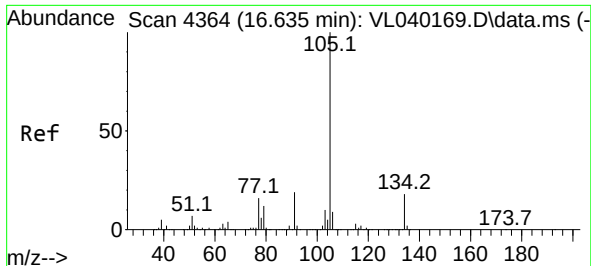
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Benzyl Chloride
Concen: 1.003 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 19196
Ion Ratio Lower Upper
91 100
126 14.6 13.1 19.7
128 2.9 4.1 6.1#





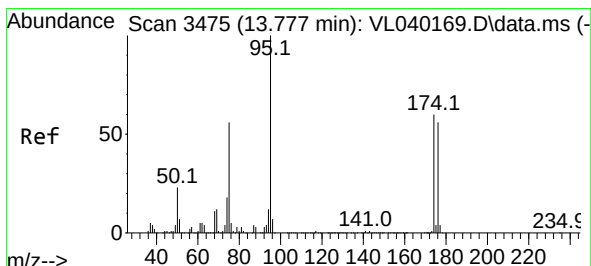
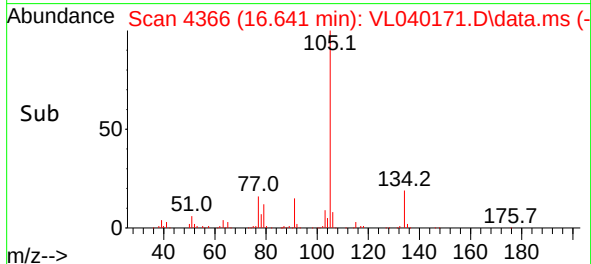
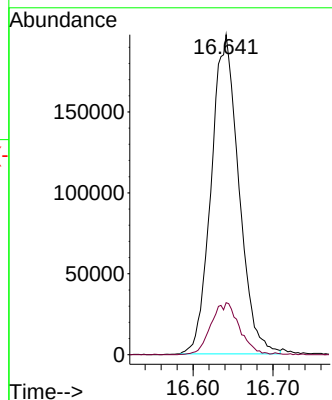
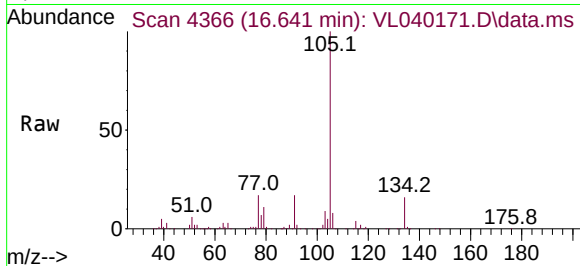
#67
 sec-Butylbenzene
 Concen: 1.193 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 473420
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

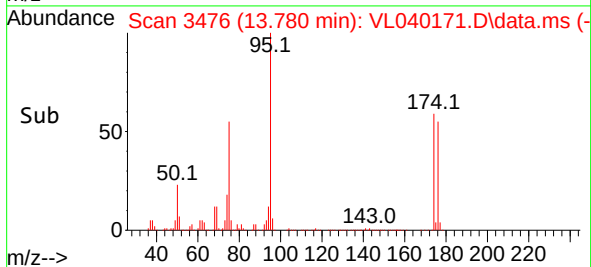
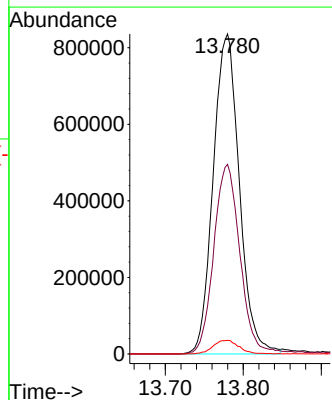
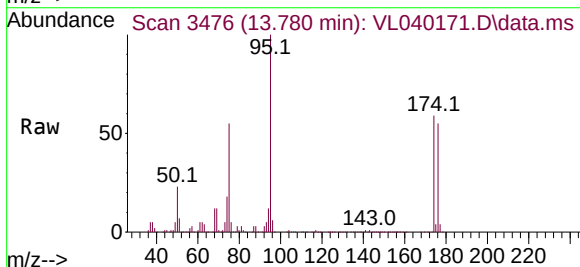
Manual Integrations
 APPROVED

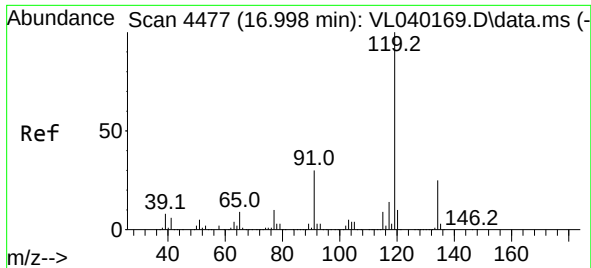
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.818 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Tgt Ion: 95 Resp: 1948331
 Ion Ratio Lower Upper
 95 100
 174 60.3 48.2 72.2
 175 4.3 3.4 5.2





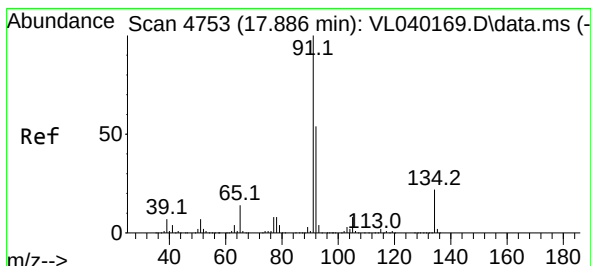
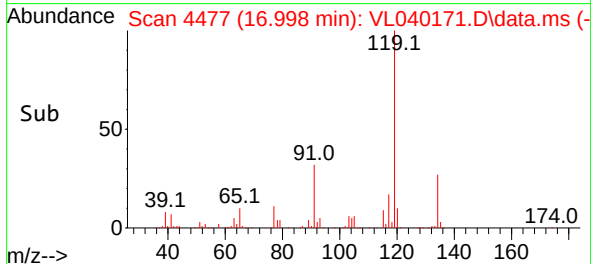
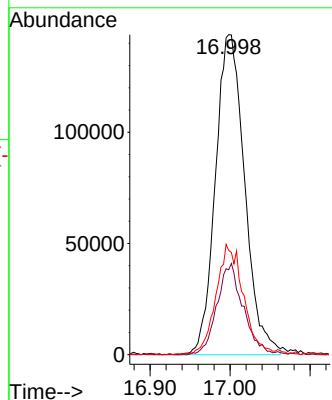
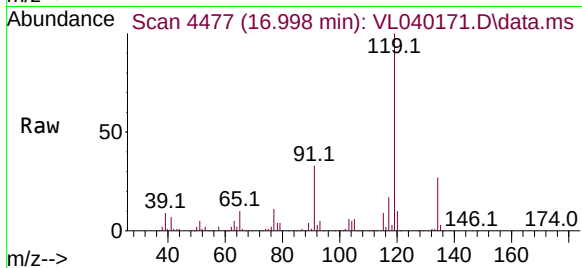
#69
p-Isopropyltoluene
Concen: 1.171 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 36524
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 33.1 24.7 37.1

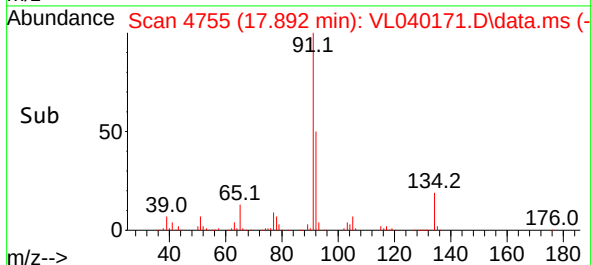
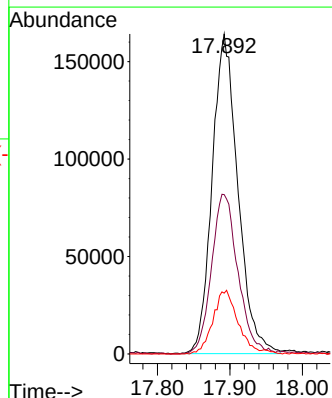
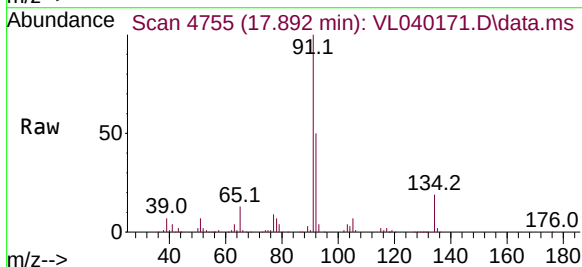
Manual Integrations
APPROVED

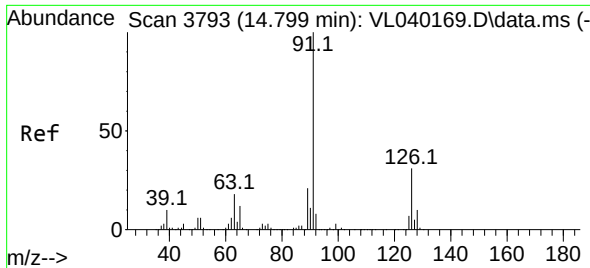
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
n-Butylbenzene
Concen: 1.202 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 404339
Ion Ratio Lower Upper
91 100
92 52.1 43.0 64.6
134 19.7 16.9 25.3





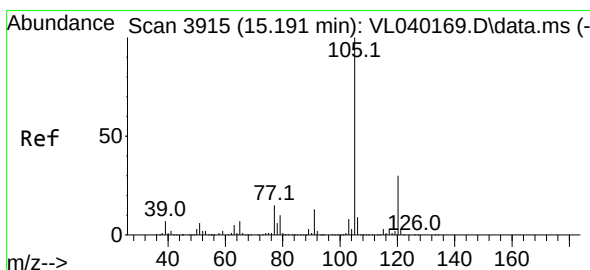
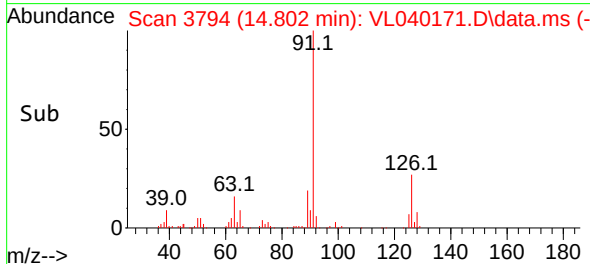
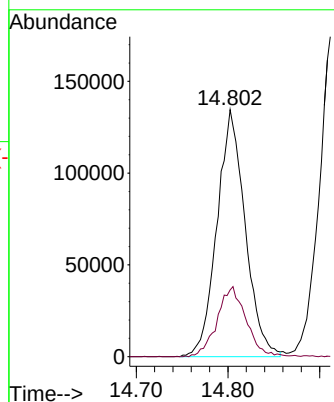
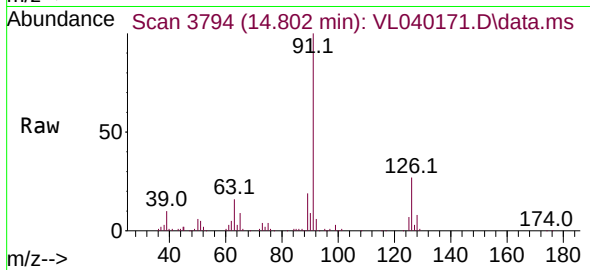
#71
2-Chlorotoluene
Concen: 1.141 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 287059
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2

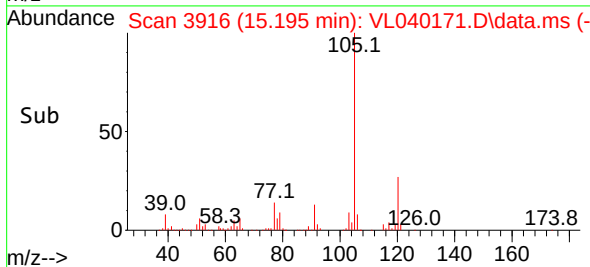
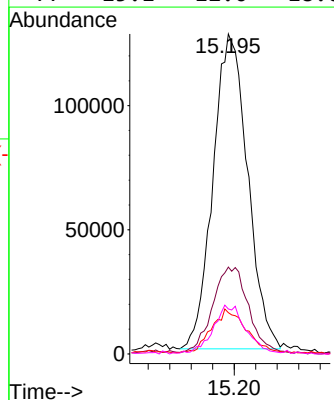
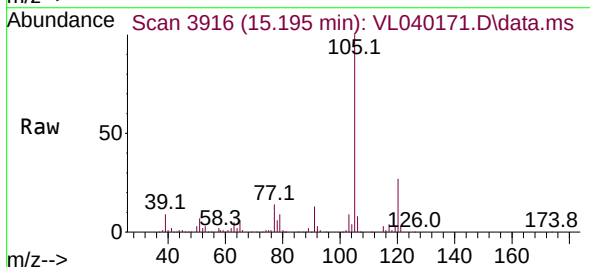
Manual Integrations
APPROVED

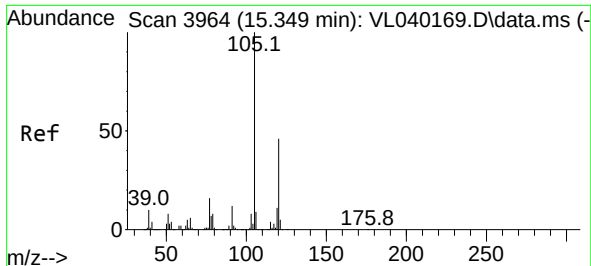
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
4-Ethyltoluene
Concen: 1.122 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

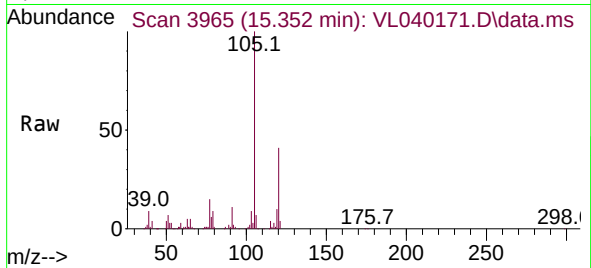
Tgt Ion:105 Resp: 283116
Ion Ratio Lower Upper
105 100
120 29.7 23.2 34.8
91 14.7 11.3 16.9
77 15.1 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 1.185 ppbv m
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

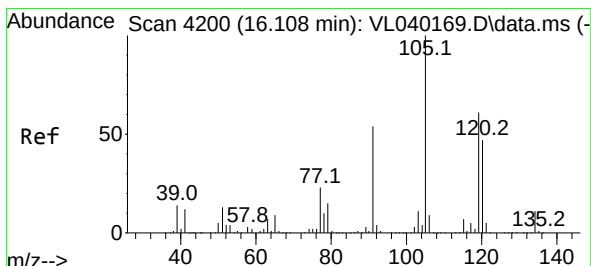
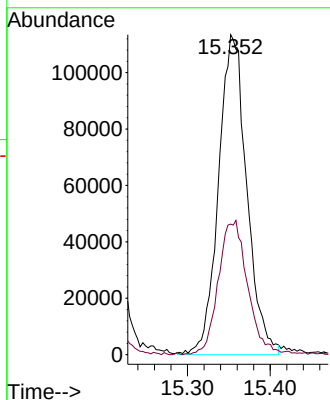
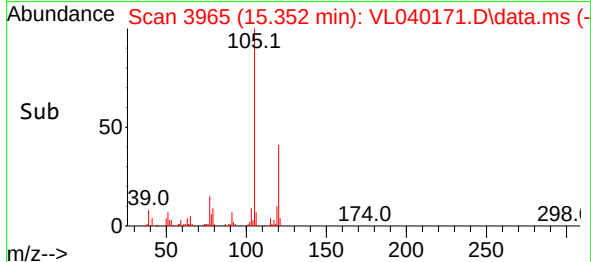
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 26928
Ion Ratio Lower Upper
105 100
120 40.8 36.8 55.2

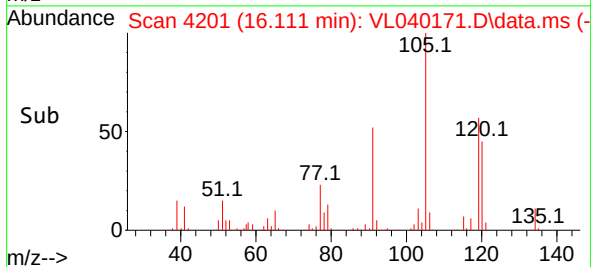
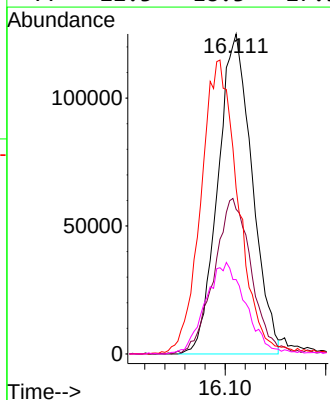
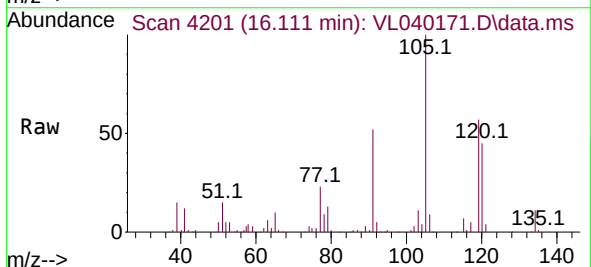
Manual Integrations
APPROVED

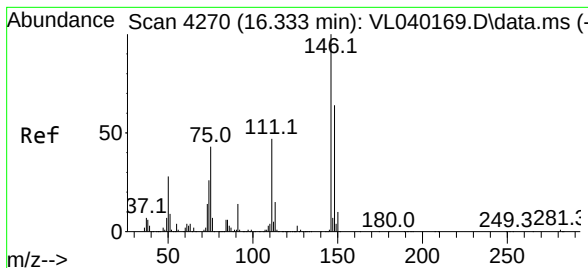
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
1,2,4-Trimethylbenzene
Concen: 1.172 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:105 Resp: 294917
Ion Ratio Lower Upper
105 100
120 44.3 37.9 56.9
91 49.4 43.7 65.5
77 22.3 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 1.101 ppbv

RT: 16.333 min Scan# 4316

Delta R.T. -0.000 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

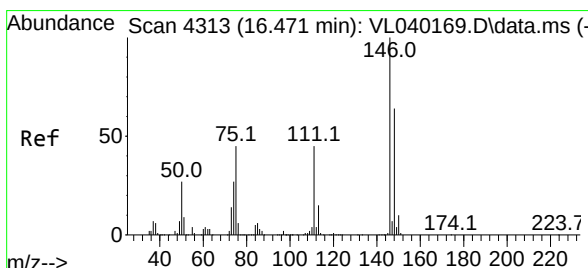
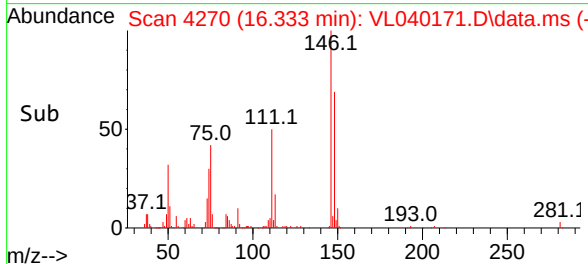
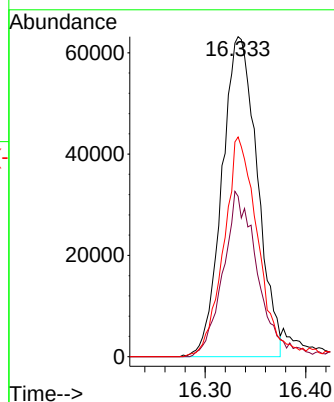
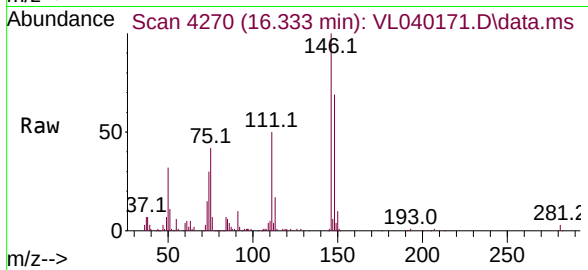
VSTDIC001

Tgt Ion:	146	Resp:	15395
Ion Ratio	Lower	Upper	
146	100		
111	50.6	23.9	71.8
148	67.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76

1,4-Dichlorobenzene

Concen: 1.099 ppbv

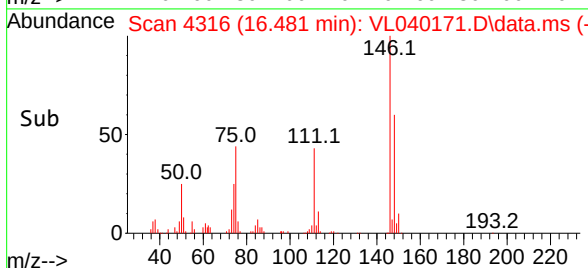
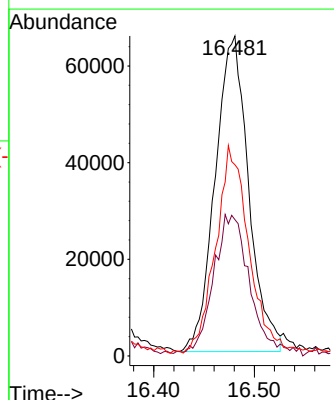
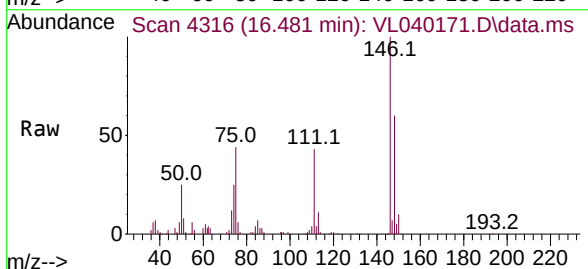
RT: 16.481 min Scan# 4316

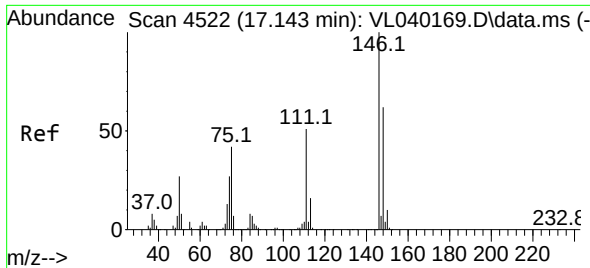
Delta R.T. 0.010 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

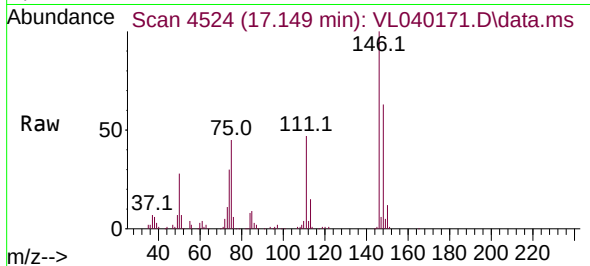
Tgt Ion:	146	Resp:	151084
Ion Ratio	Lower	Upper	
146	100		
111	48.6	23.5	70.5
148	70.3	32.5	97.4





#77
1,2-Dichlorobenzene
Concen: 1.201 ppbv m
RT: 17.149 min Scan# 4524
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

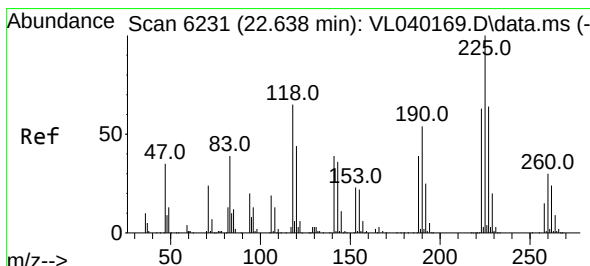
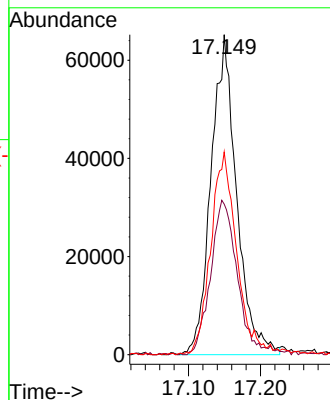
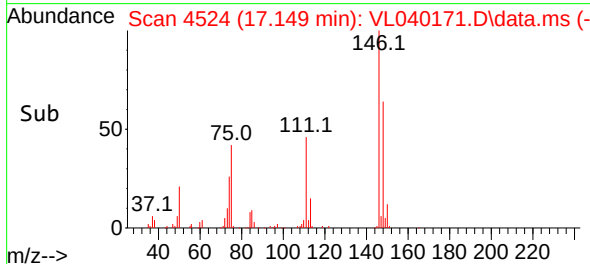
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



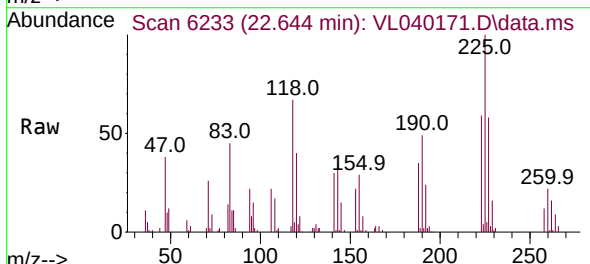
Tgt Ion:146 Resp: 16060
Ion Ratio Lower Upper
146 100
111 51.3 25.3 75.8
148 65.3 32.0 96.2

Manual Integrations
APPROVED

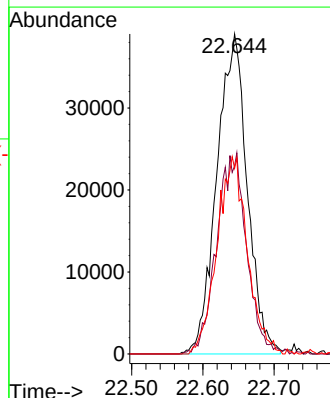
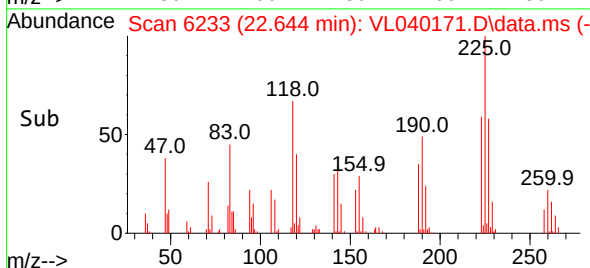
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

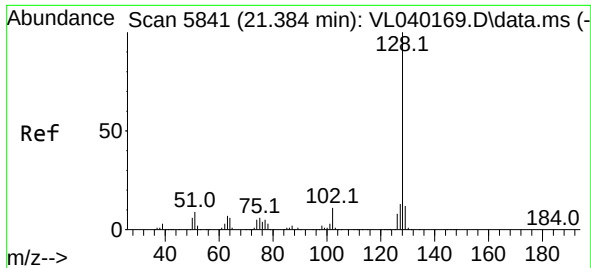


#78
Hexachloro-1,3-Butadiene
Concen: 1.181 ppbv m
RT: 22.644 min Scan# 6233
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



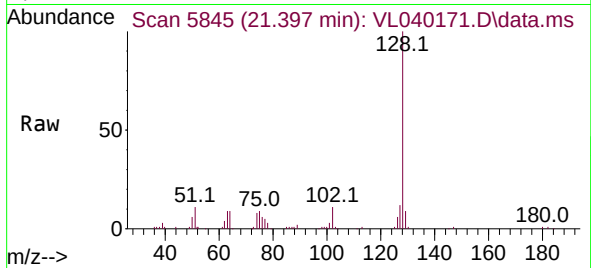
Tgt Ion:225 Resp: 115664
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.6
227 61.8 51.2 76.8





#79
Naphthalene
Concen: 1.168 ppbv m
RT: 21.397 min Scan# 5841
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

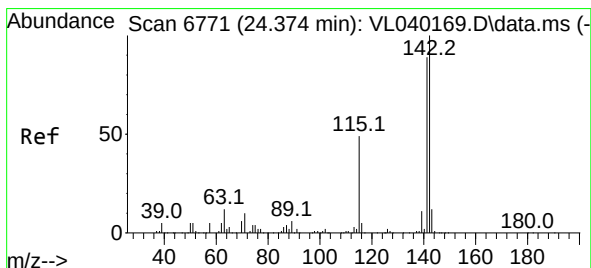
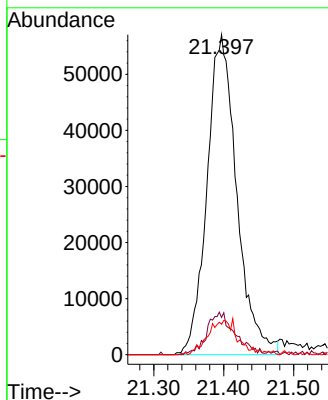
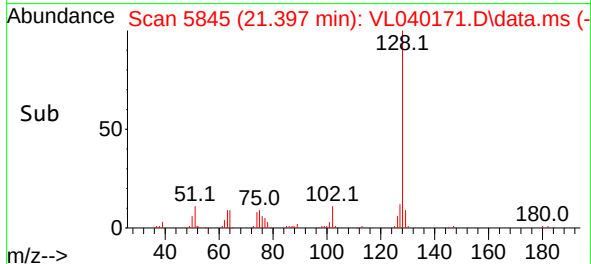
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



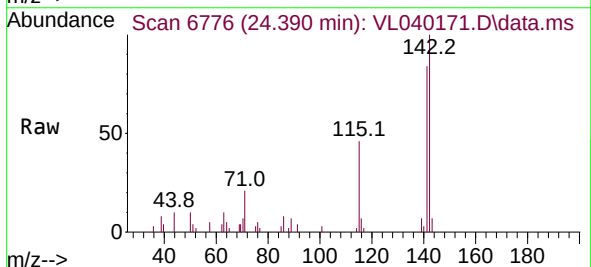
Tgt Ion:128 Resp: 16841
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 9.5 9.4 14.0

Manual Integrations
APPROVED

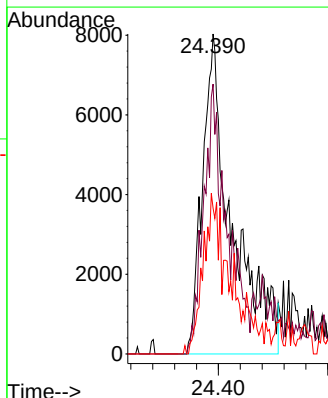
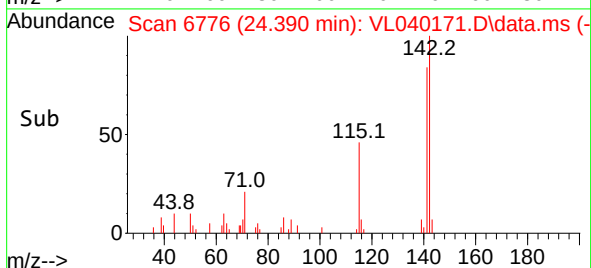
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

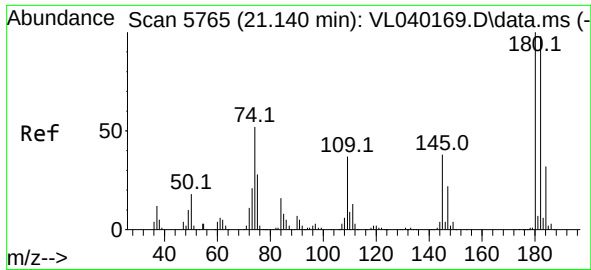


#80
Naphthalene,2-methyl-
Concen: 0.615 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46



Tgt Ion:142 Resp: 29901
Ion Ratio Lower Upper
142 100
141 69.7 67.3 100.9
115 39.7 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 1.127 ppbv m

RT: 21.156 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040171.D

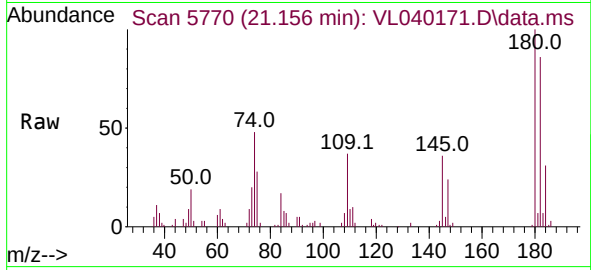
Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 100128

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6

184 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023

