

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040197.D
 Acq On : 21 Feb 2023 16:31
 Operator : SY/MD
 Sample : 01626-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-22

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:24:03 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 22 03:17:31 2023

Response via : Initial Calibration

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

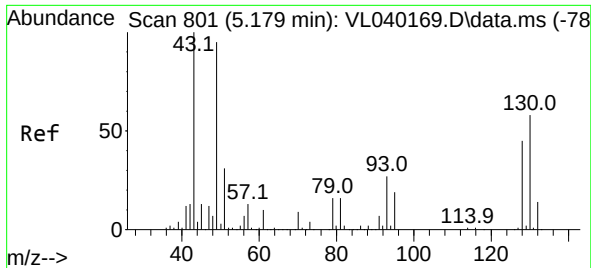
Internal Standards						
1) Bromochloromethane	5.205	49	886377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2218061	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	1954684	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1601595	9.964	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	27225	0.165	ppbv	95
3) Chlorodifluoromethane	2.674	51	497243m	4.696	ppbv	
4) Chloromethane	2.812	50	36837	0.554	ppbv	91
9) Propene	2.703	41	224183m	5.194	ppbv	
10) Heptane	7.597	43	39565	0.385	ppbv	95
11) Trichlorofluoromethane	3.568	101	31134	0.210	ppbv	86
13) Ethanol	3.246	45	5857455	1474.144	ppbv	93
15) Acetone	3.468	43	2279746	21.363	ppbv	99
17) tert-Butyl alcohol	3.899	59	24497m	0.252	ppbv	
19) Isopropyl Alcohol	3.587	45	3662474	72.199	ppbv #	95
20) Methylene Chloride	3.941	84	313482	5.643	ppbv	98
25) Ethyl Acetate	5.224	43	284515	1.434	ppbv #	91
26) Hexane	5.224	57	238041m	2.795	ppbv	
30) Cyclohexane	6.623	84	17455	0.261	ppbv #	82
34) 2-Butanone	4.799	43	75610m	0.691	ppbv	
35) Carbon Tetrachloride	6.516	117	9550m	0.073	ppbv	
36) Benzene	6.388	78	240639	1.394	ppbv	99
37) 1,2-Dichloroethane	5.819	62	11842	0.110	ppbv	99
41) Tetrahydrofuran	5.584	42	20908m	0.330	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	149145	0.518	ppbv #	86
50) 4-Methyl-2-Pentanone	8.217	43	22825m	0.134	ppbv	
52) Tetrachloroethene	10.629	164	8719m	0.162	ppbv	
53) Toluene	9.243	91	594251	3.214	ppbv	100
58) Ethyl Benzene	12.114	91	104468	0.440	ppbv	92
59) m/p-Xylene	12.368	91	287370	1.366	ppbv	97
60) o-Xylene	13.085	91	110376	0.545	ppbv	99
61) Styrene	12.925	104	16216m	0.153	ppbv	
69) p-Isopropyltoluene	17.024	119	37620m	0.131	ppbv	
72) 4-Ethyltoluene	15.217	105	33320m	0.149	ppbv	
73) 1,3,5-Trimethylbenzene	15.378	105	24454m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	16.133	105	100844m	0.441	ppbv	
76) 1,4-Dichlorobenzene	16.503	146	40240m	0.328	ppbv	
79) Naphthalene	21.423	128	24690m	0.192	ppbv	

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

Manual Integrations

Quant Time: Feb 22 03:24:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration





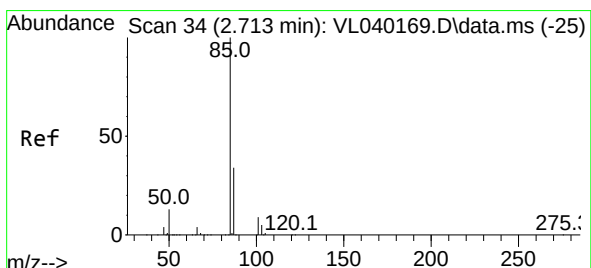
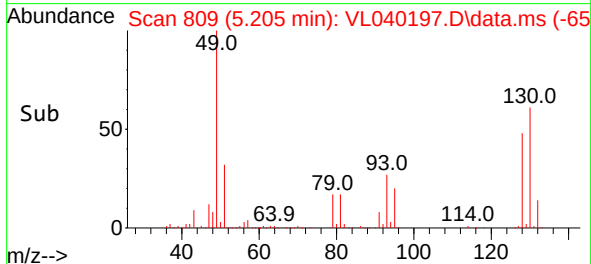
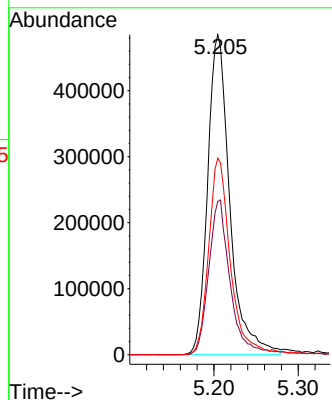
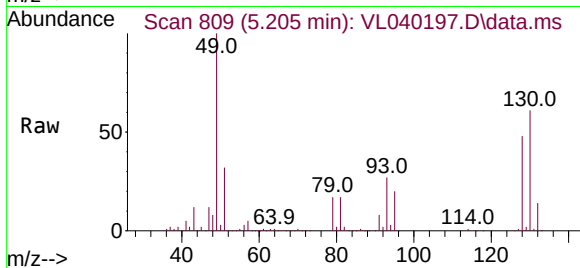
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion: 49 Resp: 88637
Ion Ratio Lower Upper
49 100
128 47.6 24.1 72.3
130 61.4 30.9 92.8

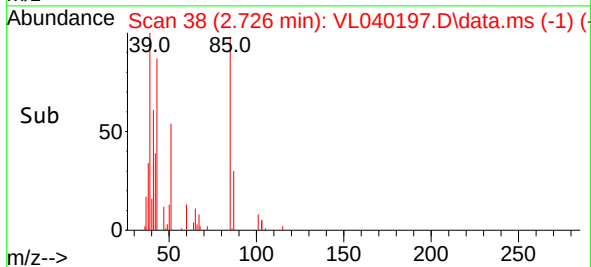
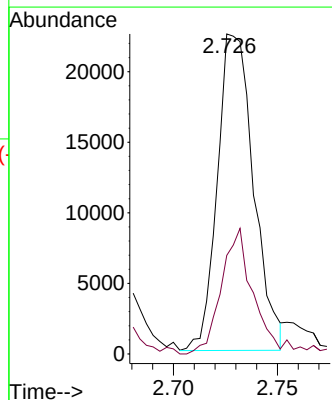
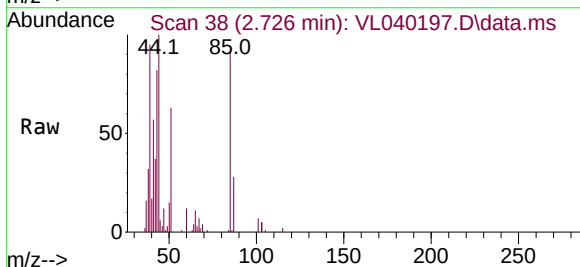
Manual Integrations
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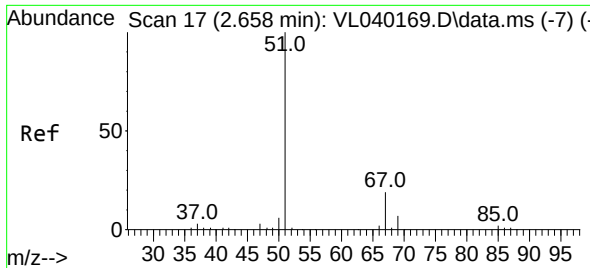
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.165 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion: 85 Resp: 27225
Ion Ratio Lower Upper
85 100
87 31.1 27.0 40.6





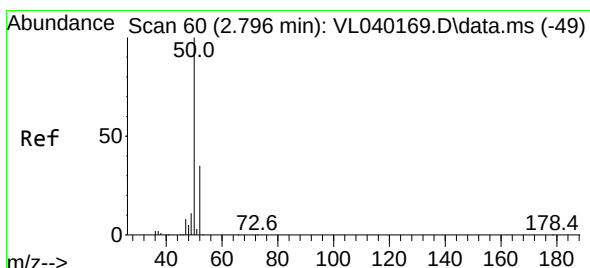
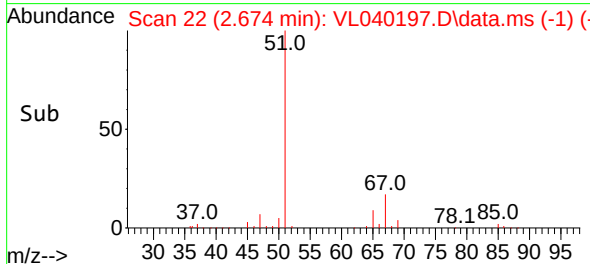
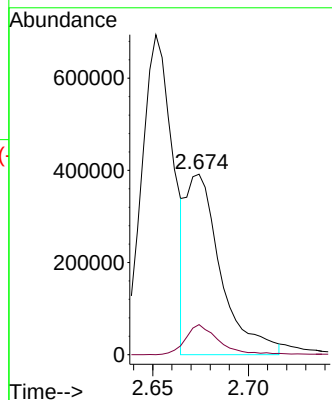
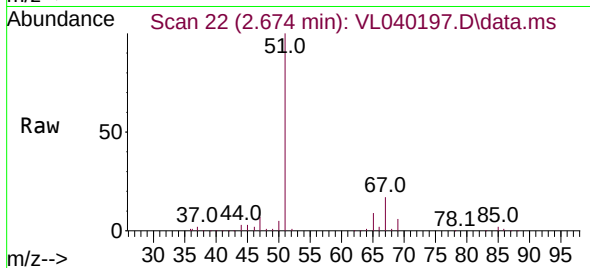
#3
Chlorodifluoromethane
Concen: 4.696 ppbv m
RT: 2.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion: 51 Resp: 49724
Ion Ratio Lower Upper
51 100
67 16.4 15.4 23.2

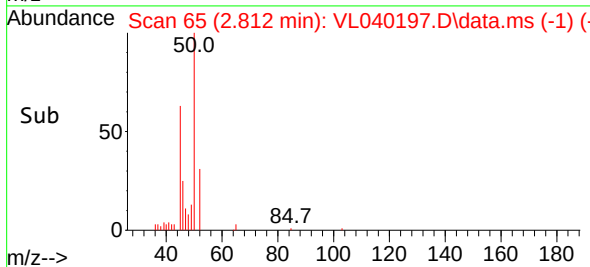
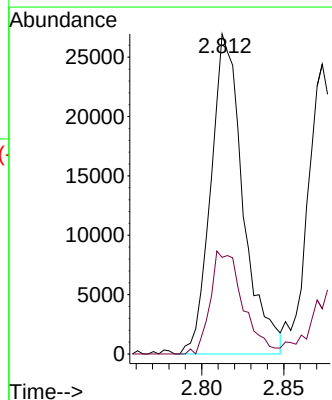
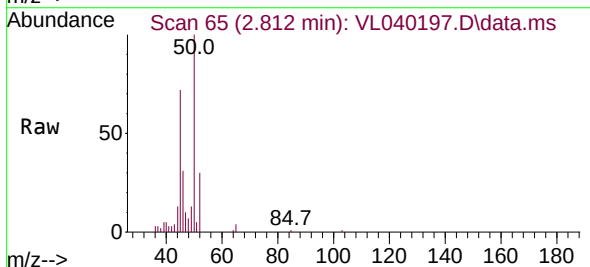
Manual Integrations
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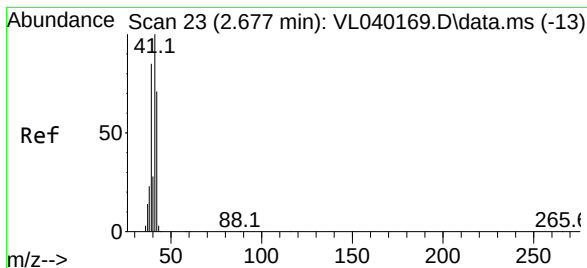
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Chloromethane
Concen: 0.554 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion: 50 Resp: 36837
Ion Ratio Lower Upper
50 100
52 30.2 28.3 42.5





#9

Propene

Concen: 5.194 ppbv m

RT: 2.703 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040197.D

Acq: 21 Feb 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

IA-22

Tgt Ion: 41 Resp: 22418

Ion Ratio Lower Upper

41 100

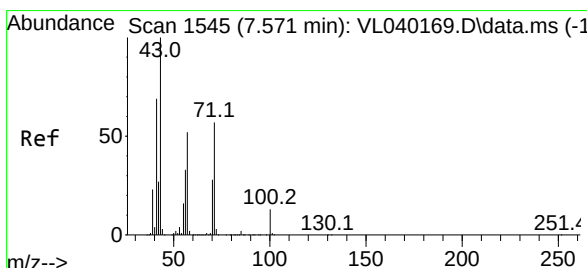
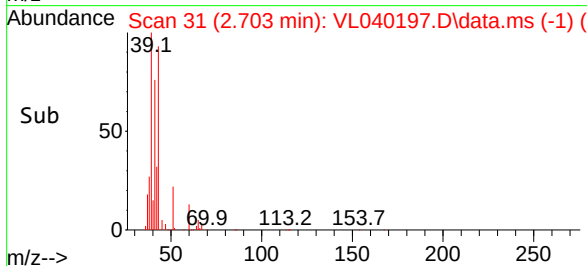
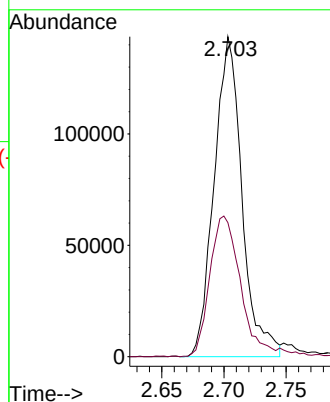
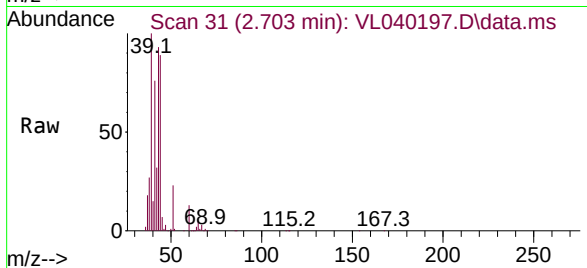
42 378.0 56.9 85.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#10

Heptane

Concen: 0.385 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. -0.007 min

Lab File: VL040197.D

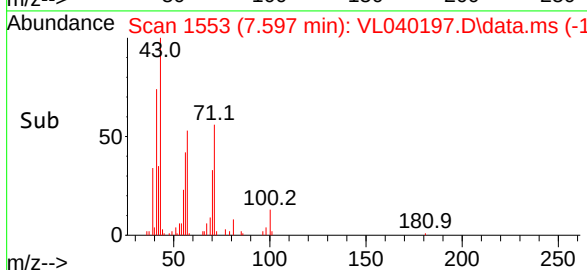
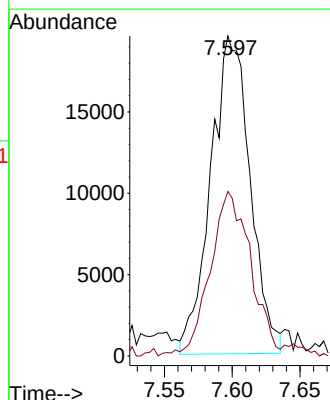
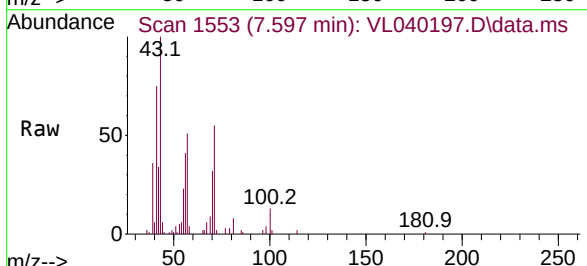
Acq: 21 Feb 2023 16:31

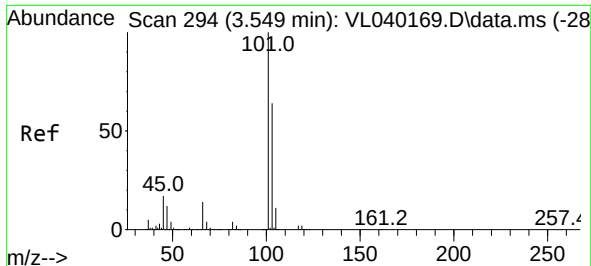
Tgt Ion: 43 Resp: 39565

Ion Ratio Lower Upper

43 100

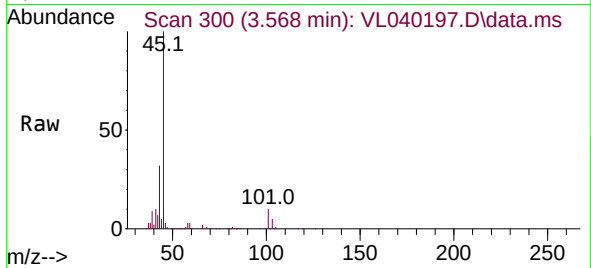
57 55.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.210 ppbv
RT: 3.568 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

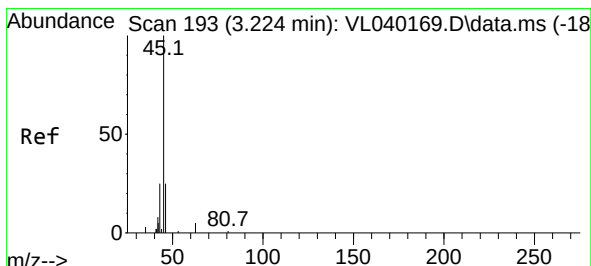
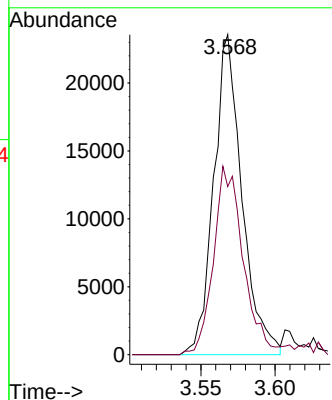
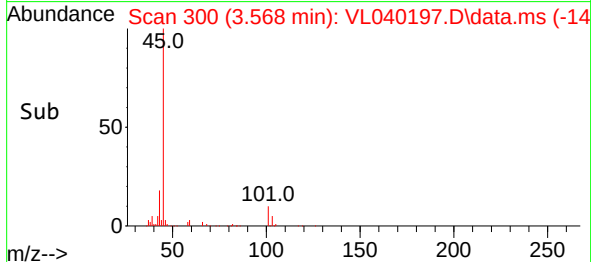
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion:101 Resp: 31134
Ion Ratio Lower Upper
101 100
103 52.6 51.0 76.6

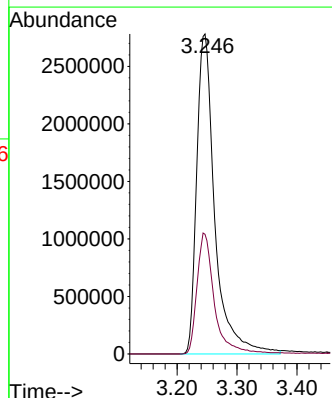
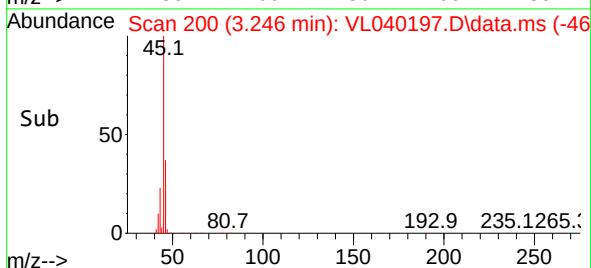
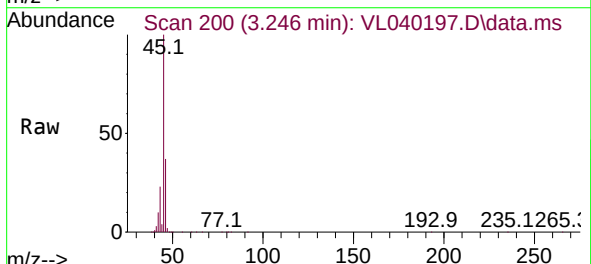
Manual Integrations
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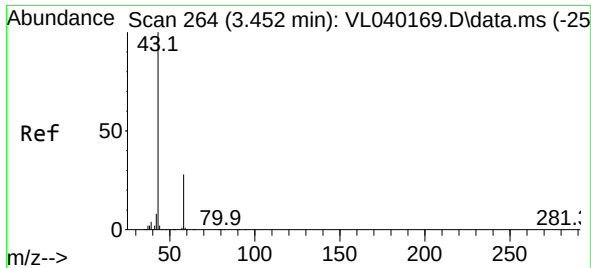
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#13
Ethanol
Concen: 1474.144 ppbv
RT: 3.246 min Scan# 200
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

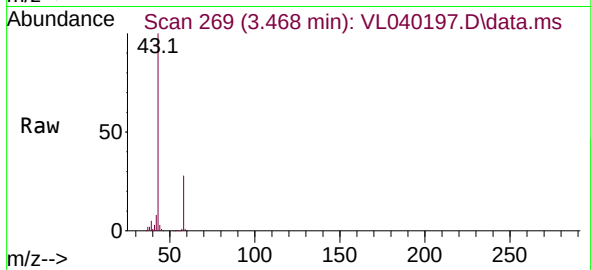
Tgt Ion: 45 Resp: 5857455
Ion Ratio Lower Upper
45 100
46 37.0 13.3 53.1





#15
Acetone
Concen: 21.363 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

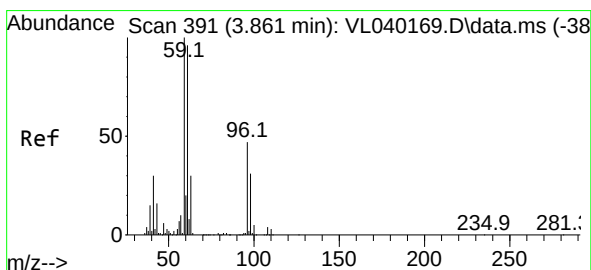
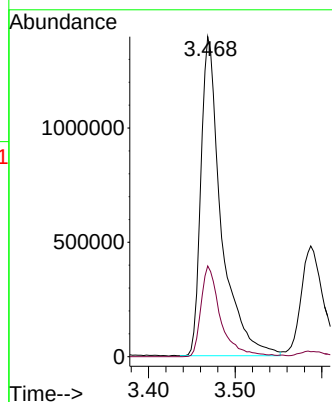
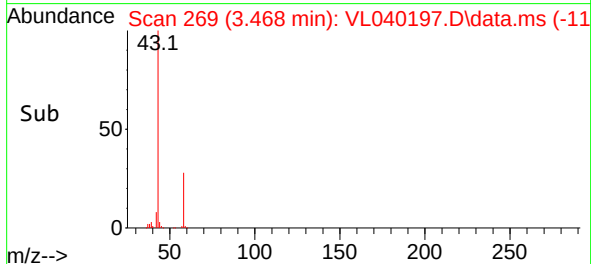
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 43 Resp: 2279740
Ion Ratio Lower Upper
43 100
58 27.5 22.4 33.6

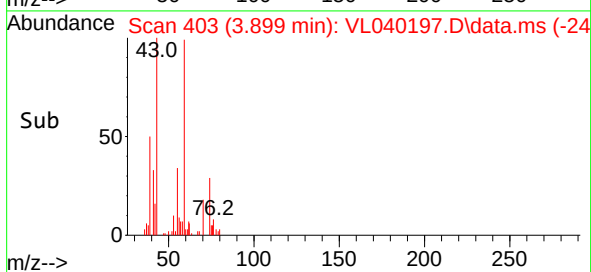
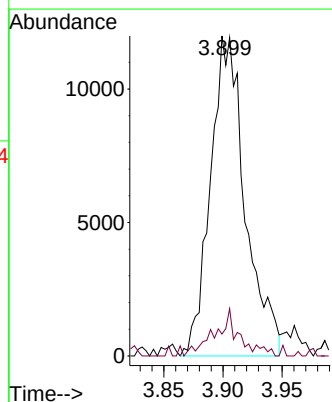
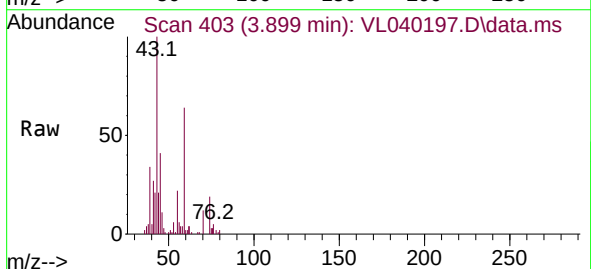
Manual Integrations
APPROVED

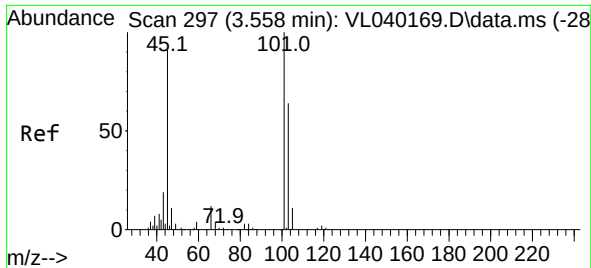
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#17
tert-Butyl alcohol
Concen: 0.252 ppbv m
RT: 3.899 min Scan# 403
Delta R.T. 0.013 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

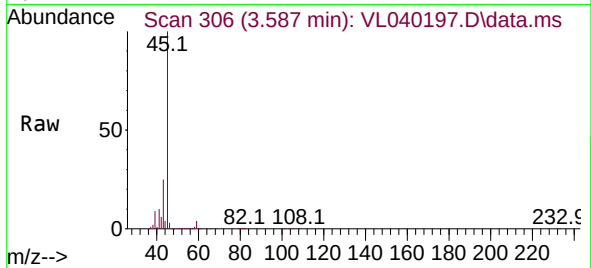
Tgt Ion: 59 Resp: 24497
Ion Ratio Lower Upper
59 100
57 61.4 8.5 12.7#





#19
Isopropyl Alcohol
Concen: 72.199 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

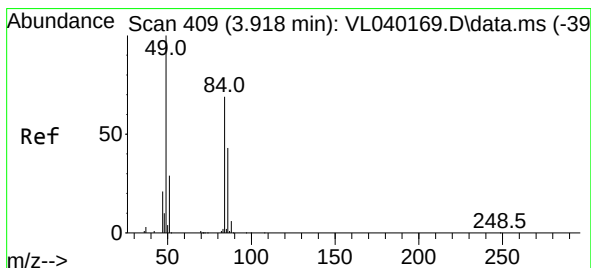
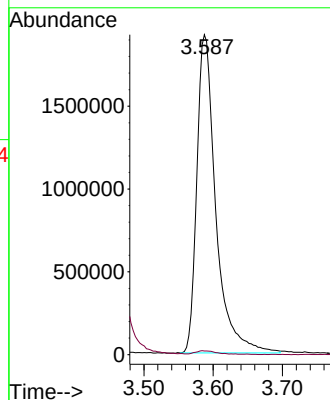
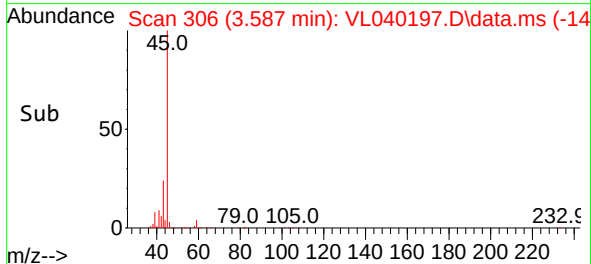
Instrument :
MSVOA_L
ClientSampleId :
IA-22



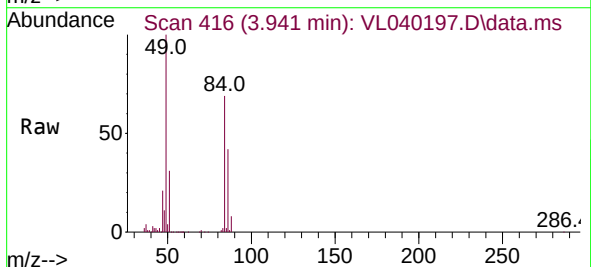
Tgt Ion: 45 Resp: 3662474
Ion Ratio Lower Upper
45 100
58 1.4 2.6 3.8

Manual Integrations
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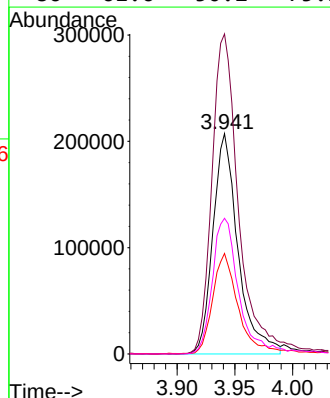
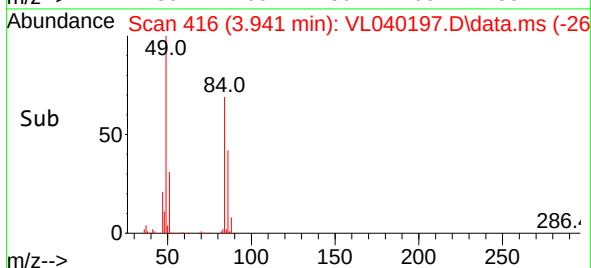
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

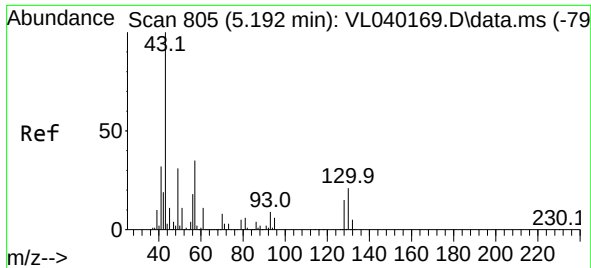


#20
Methylene Chloride
Concen: 5.643 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31



Tgt Ion: 84 Resp: 313482
Ion Ratio Lower Upper
84 100
49 145.1 115.5 173.3
51 45.5 33.1 49.7
86 61.6 50.2 75.2





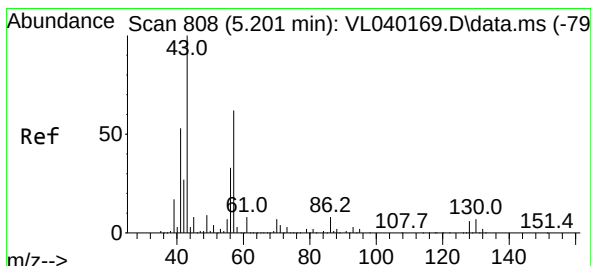
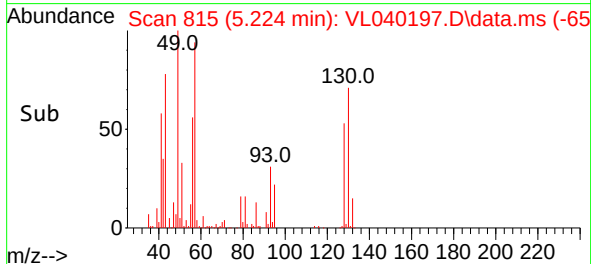
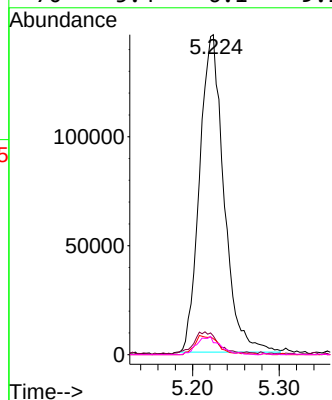
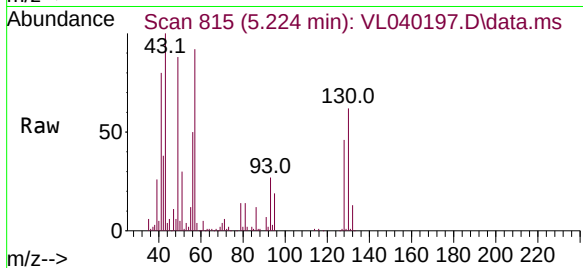
#25
Ethyl Acetate
Concen: 1.434 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.006 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion: 43 Resp: 284515
Ion Ratio Lower Upper
43 100
45 7.5 8.3 12.5#
61 5.9 8.4 12.6#
70 5.4 6.1 9.1#

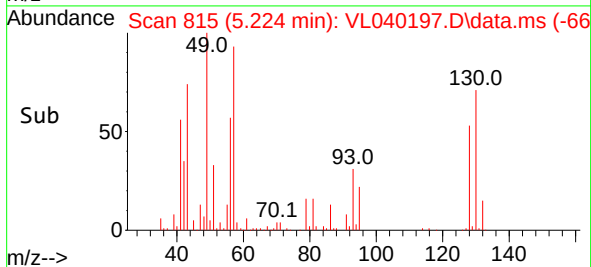
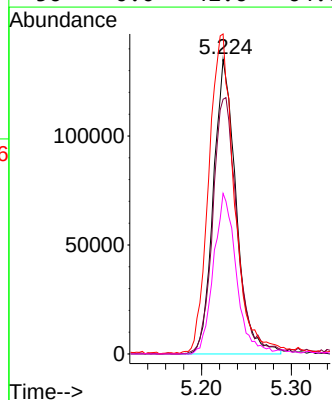
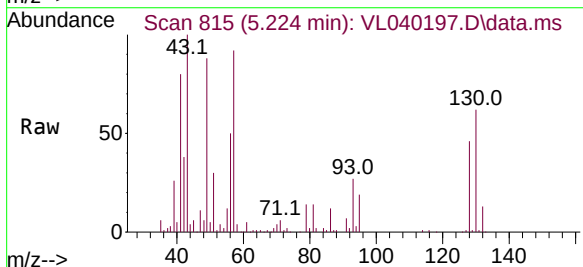
Manual Integrations
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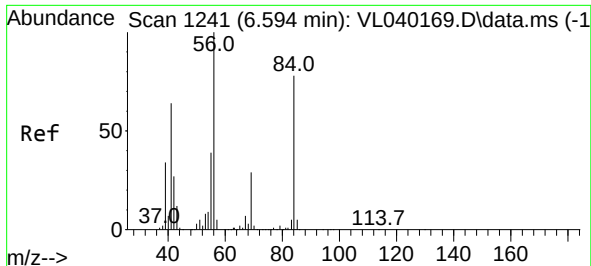
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
Hexane
Concen: 2.795 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

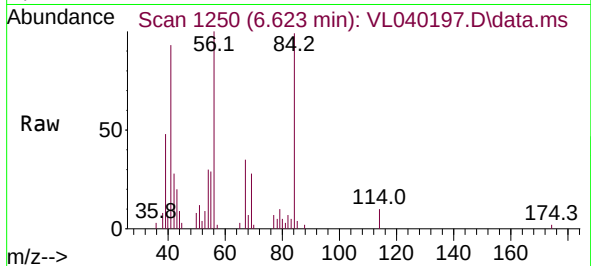
Tgt Ion: 57 Resp: 238041
Ion Ratio Lower Upper
57 100
41 0.0 74.3 111.5#
43 0.0 193.0 289.4#
56 0.0 42.6 64.0#





#30
Cyclohexane
Concen: 0.261 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

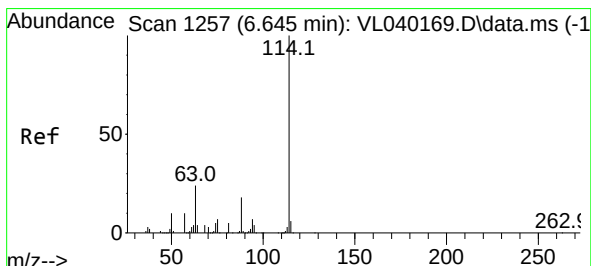
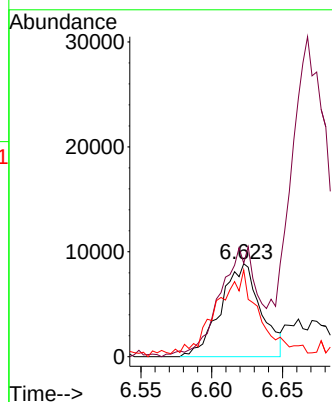
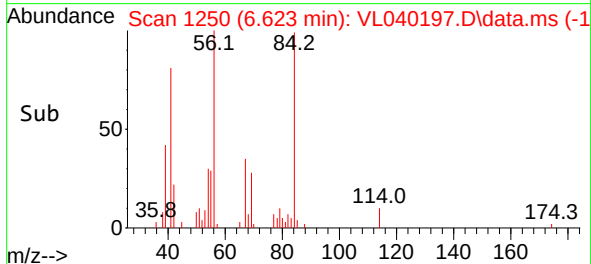
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 84 Resp: 1745
Ion Ratio Lower Upper
84 100
56 119.8 109.9 164.9
41 107.2 67.8 101.6

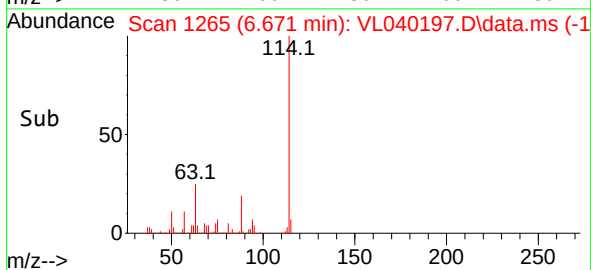
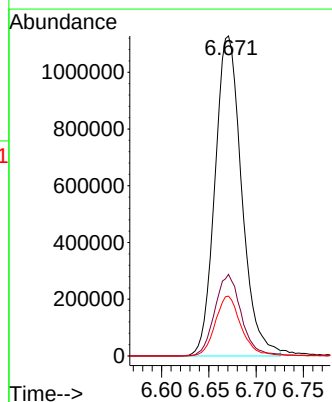
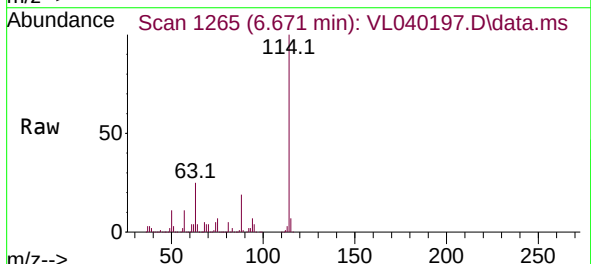
Manual Integrations
APPROVED

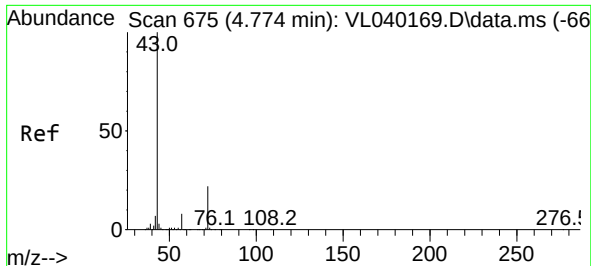
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

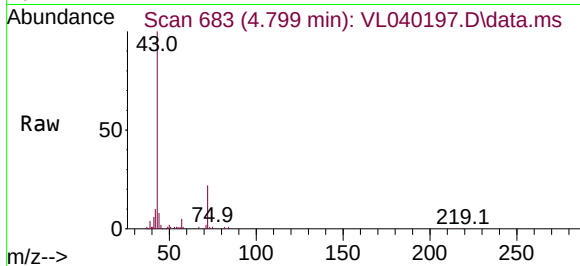
Tgt Ion:114 Resp: 2218061
Ion Ratio Lower Upper
114 100
63 25.6 20.4 30.6
88 18.3 14.3 21.5





#34
2-Butanone
Concen: 0.691 ppbv m
RT: 4.799 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

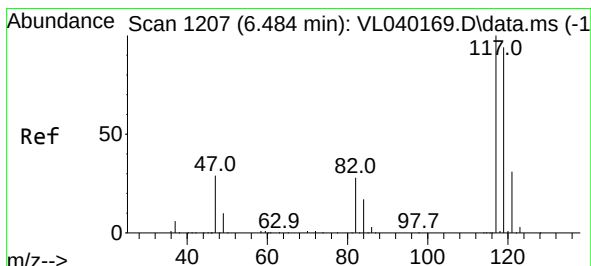
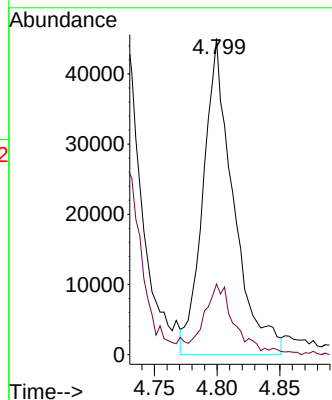
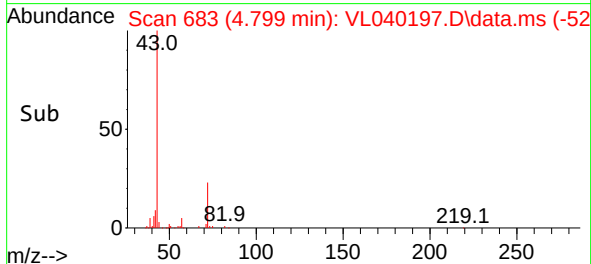
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 43 Resp: 75610
Ion Ratio Lower Upper
43 100
72 24.7 17.8 26.8

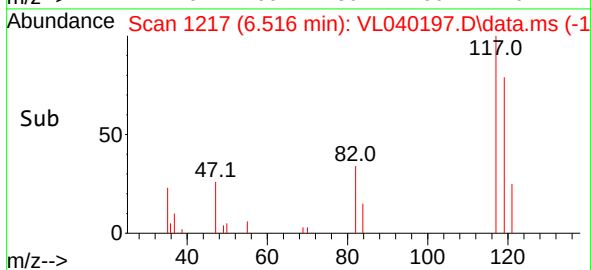
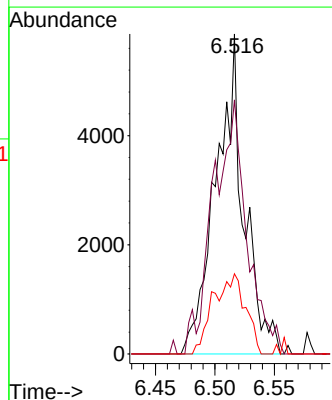
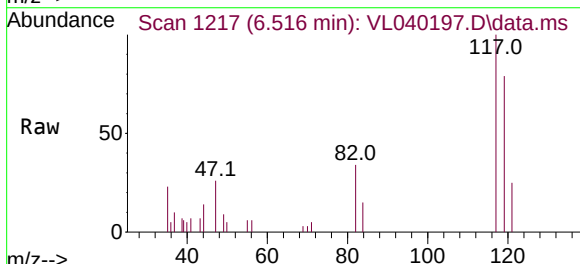
Manual Integrations
APPROVED

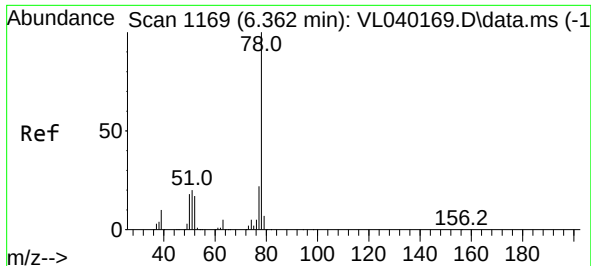
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#35
Carbon Tetrachloride
Concen: 0.073 ppbv m
RT: 6.516 min Scan# 1217
Delta R.T. 0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

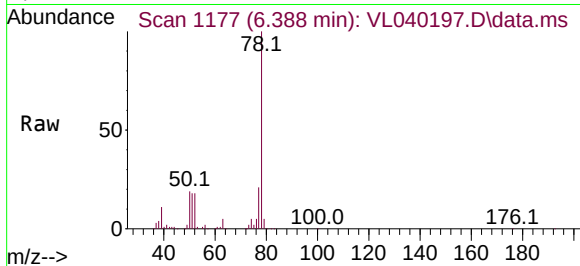
Tgt Ion:117 Resp: 9550
Ion Ratio Lower Upper
117 100
119 79.4 75.0 112.6
121 25.0 25.0 37.4





#36
Benzene
Concen: 1.394 ppbv
RT: 6.388 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

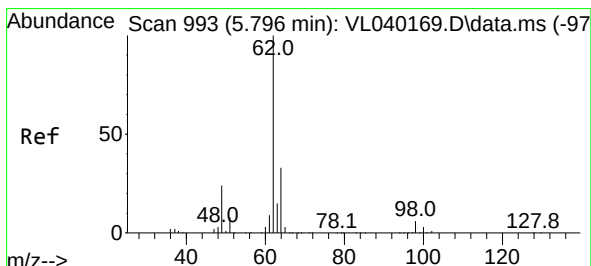
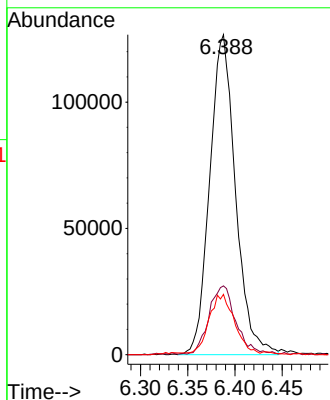
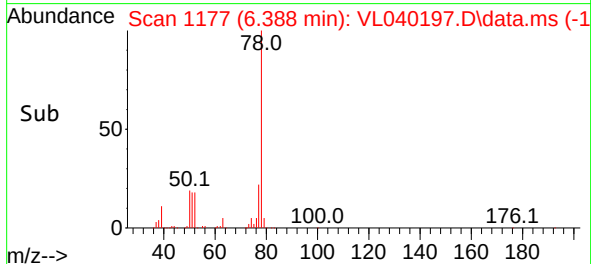
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 78 Resp: 240639
Ion Ratio Lower Upper
78 100
77 21.3 17.5 26.3
50 18.5 14.6 22.0

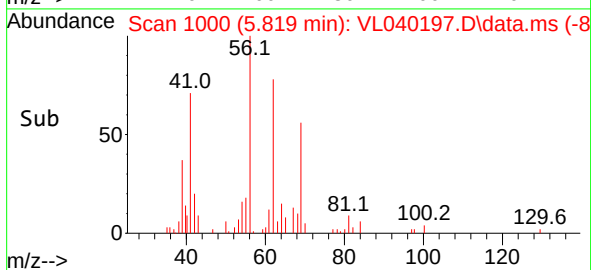
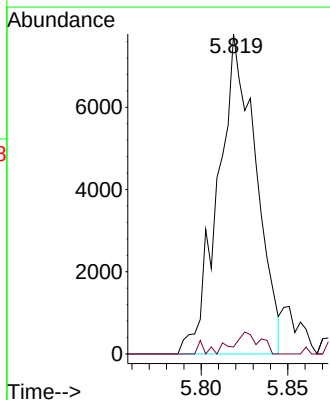
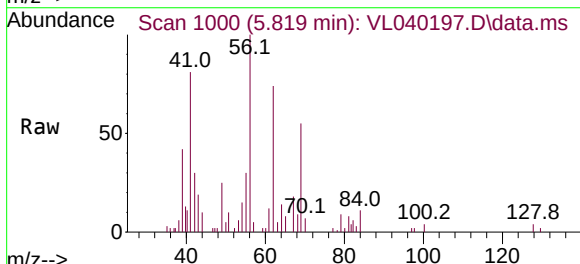
Manual Integrations
APPROVED

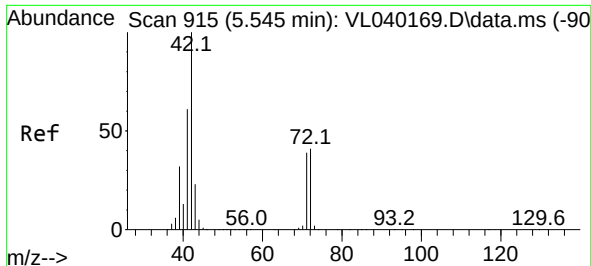
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#37
1,2-Dichloroethane
Concen: 0.110 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion: 62 Resp: 11842
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1





#41

Tetrahydrofuran

Concen: 0.330 ppbv m

RT: 5.584 min Scan# 915

Delta R.T. 0.013 min

Lab File: VL040197.D

Acq: 21 Feb 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

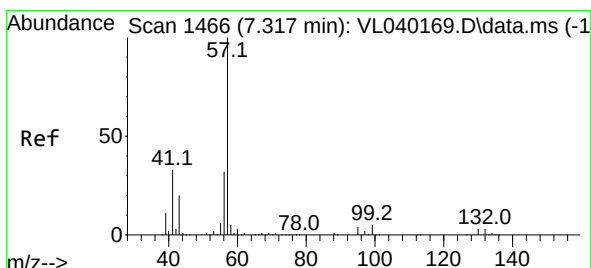
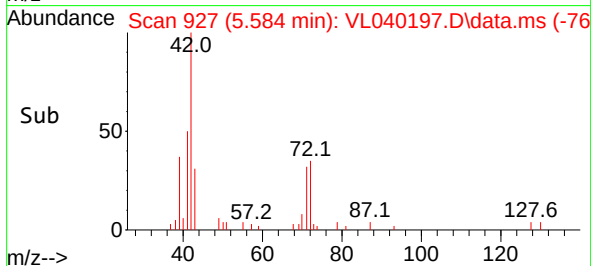
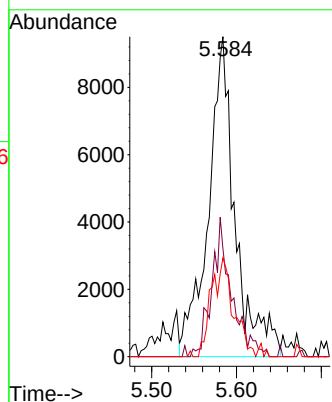
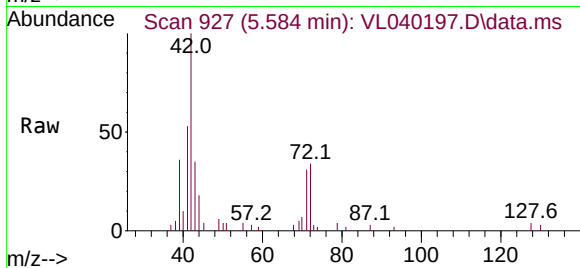
IA-22

Tgt Ion:	42	Resp:	20908
Ion Ratio	Lower	Upper	
42	100		
72	32.6	33.0	49.4#
71	26.3	31.4	47.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44

2,2,4-Trimethylpentane

Concen: 0.518 ppbv

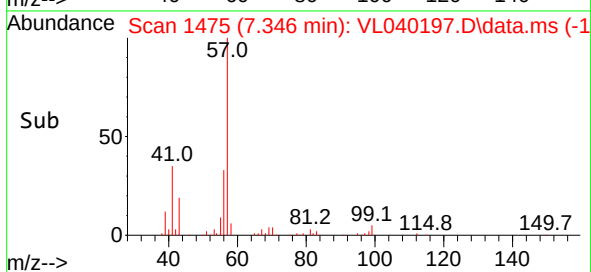
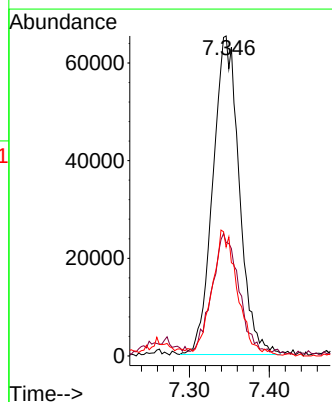
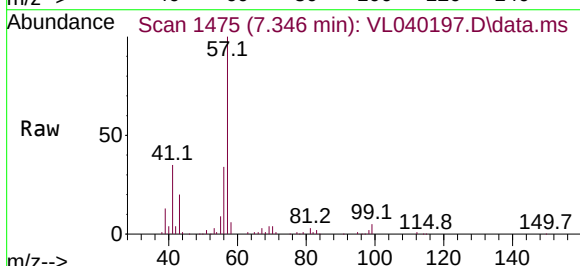
RT: 7.346 min Scan# 1475

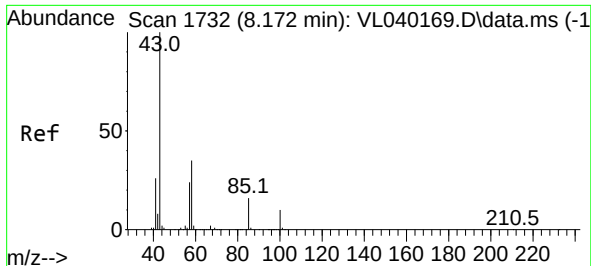
Delta R.T. -0.000 min

Lab File: VL040197.D

Acq: 21 Feb 2023 16:31

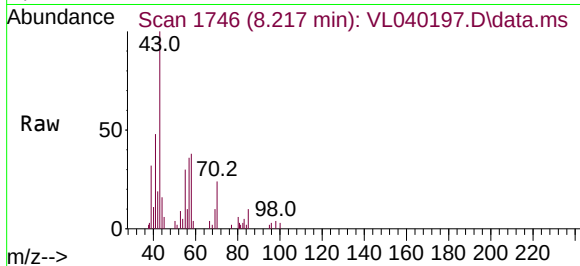
Tgt Ion:	57	Resp:	149145
Ion Ratio	Lower	Upper	
57	100		
41	40.4	26.2	39.4#
56	39.6	24.9	37.3#





#50
4-Methyl-2-Pentanone
Concen: 0.134 ppbv m
RT: 8.217 min Scan# 1746
Delta R.T. 0.016 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

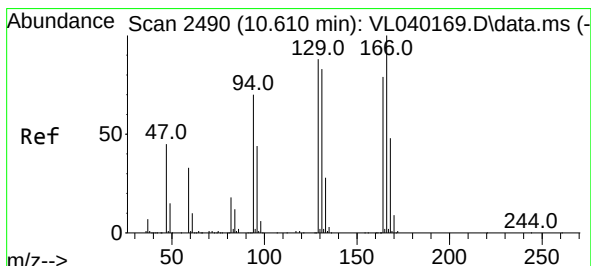
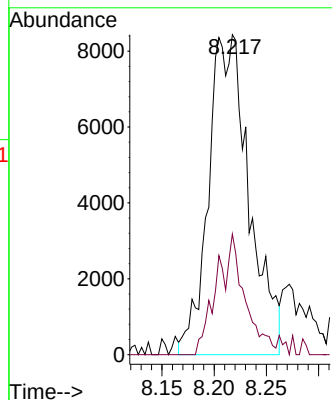
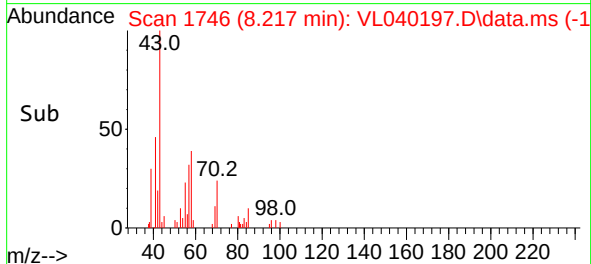
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8

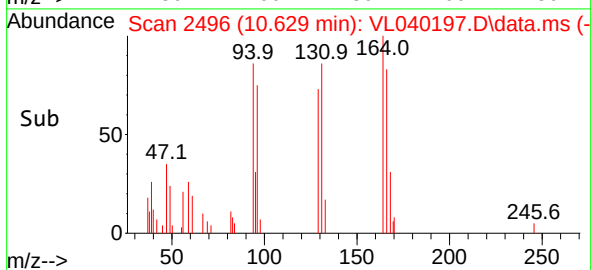
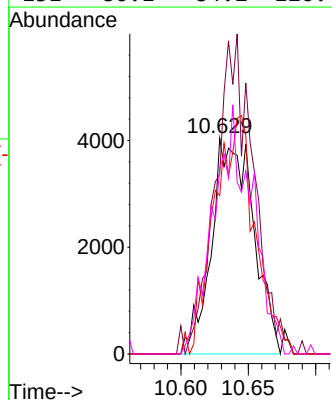
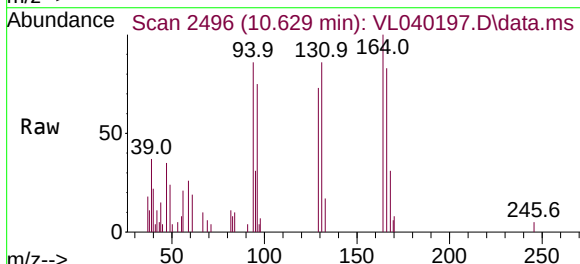
Manual Integrations
APPROVED

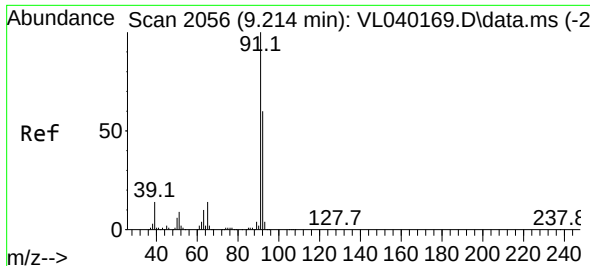
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Tetrachloroethene
Concen: 0.162 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. -0.013 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

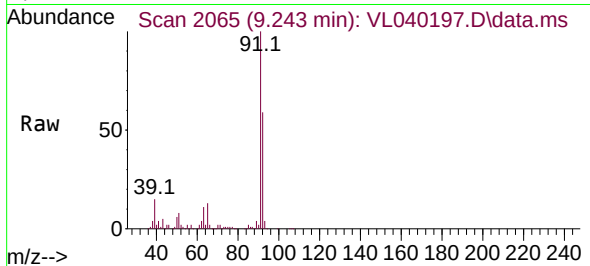
Tgt Ion:164 Resp: 8719
Ion Ratio Lower Upper
164 100
166 83.3 101.5 152.3#
129 73.4 89.0 133.4#
131 86.1 84.2 126.4





#53
Toluene
Concen: 3.214 ppbv
RT: 9.243 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

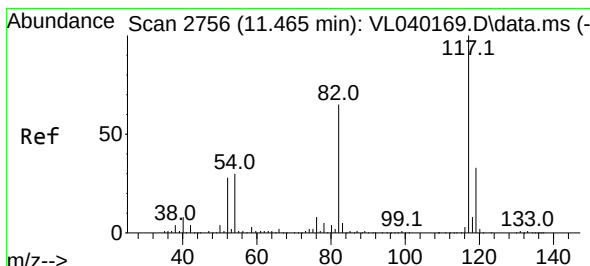
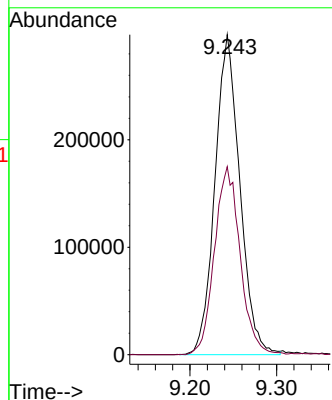
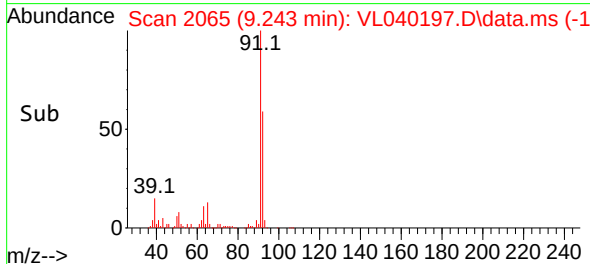
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion: 91 Resp: 59425
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3

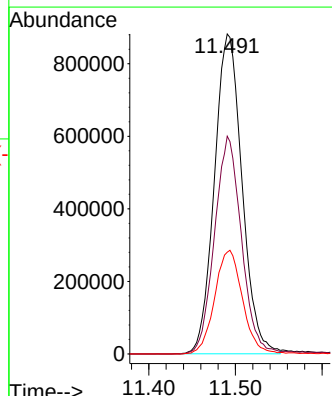
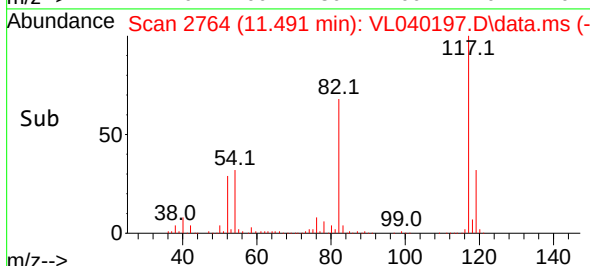
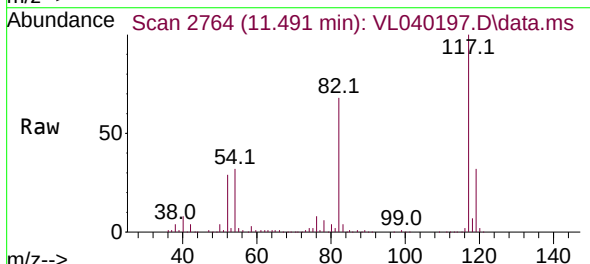
Manual Integrations
APPROVED

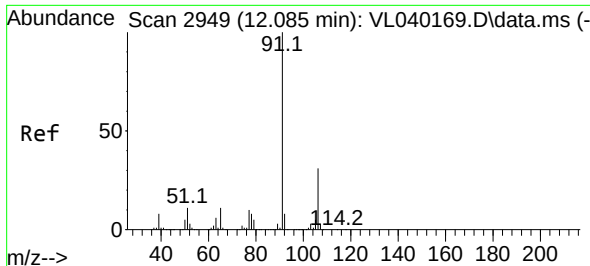
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion:117 Resp: 1954684
Ion Ratio Lower Upper
117 100
82 67.6 53.3 79.9
119 32.9 24.6 37.0





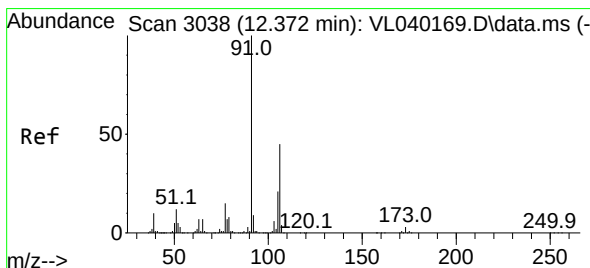
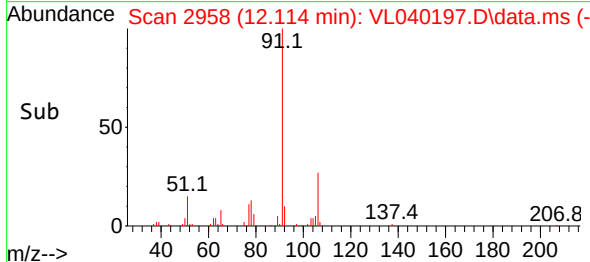
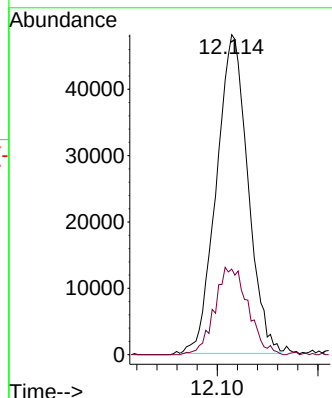
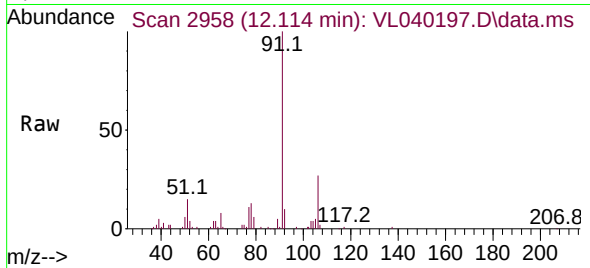
#58
Ethyl Benzene
Concen: 0.440 ppbv
RT: 12.114 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion: 91 Resp: 104468
Ion Ratio Lower Upper
91 100
106 26.8 24.9 37.3

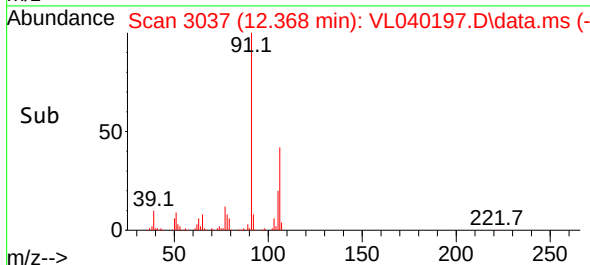
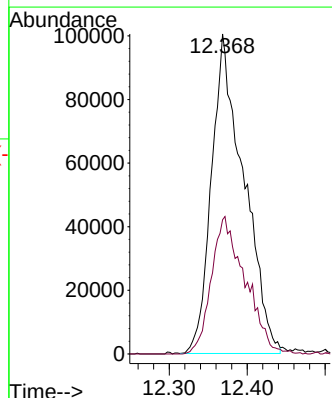
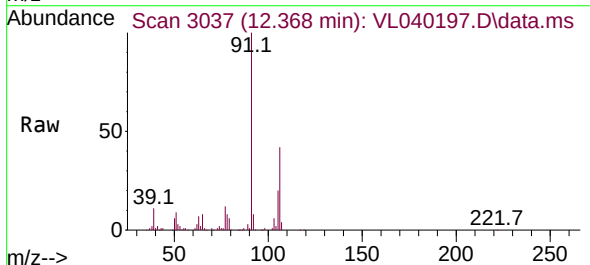
Manual Integrations
APPROVED

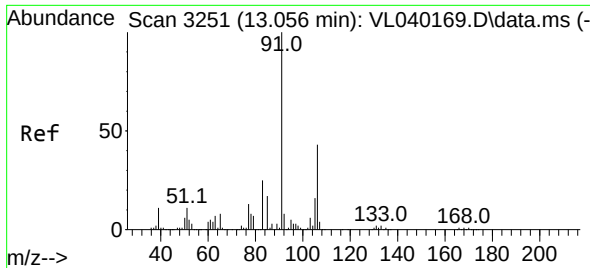
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#59
m/p-Xylene
Concen: 1.366 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. -0.029 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion: 91 Resp: 287370
Ion Ratio Lower Upper
91 100
106 45.3 34.6 51.8





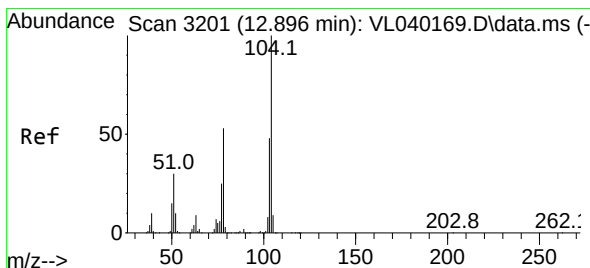
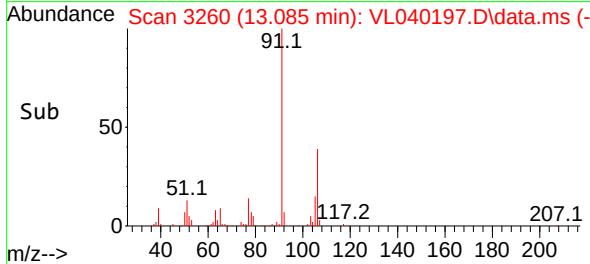
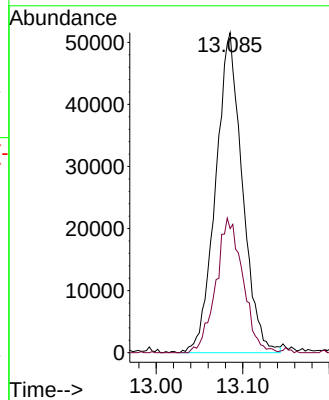
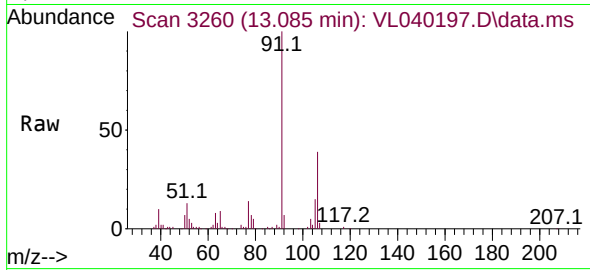
#60
o-Xylene
Concen: 0.545 ppbv
RT: 13.085 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion: 91 Resp: 110370
Ion Ratio Lower Upper
91 100
106 42.9 21.6 65.0

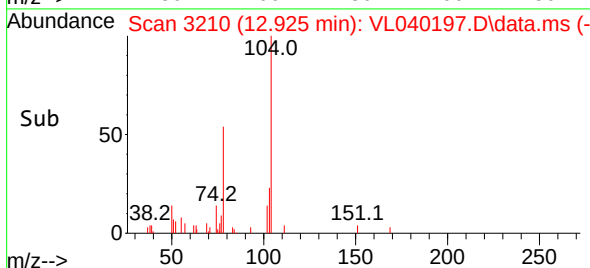
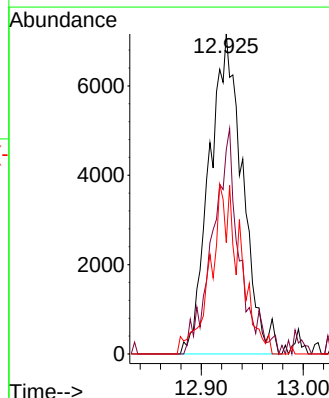
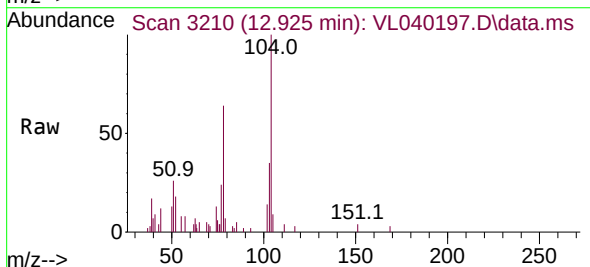
Manual Integrations
APPROVED

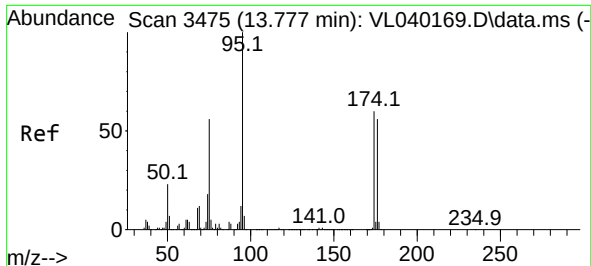
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#61
Styrene
Concen: 0.153 ppbv m
RT: 12.925 min Scan# 3210
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

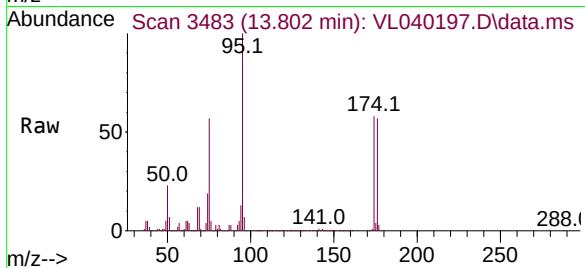
Tgt Ion:104 Resp: 16216
Ion Ratio Lower Upper
104 100
78 56.9 42.3 63.5
103 0.0 37.5 56.3#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.964 ppbv
RT: 13.802 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

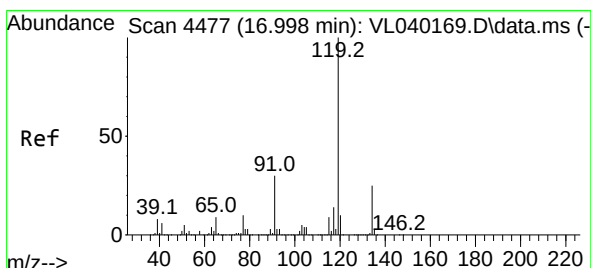
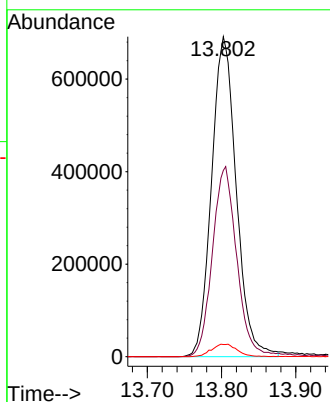
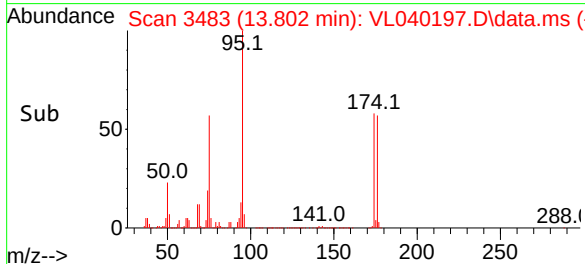
Instrument :
MSVOA_L
ClientSampleId :
IA-22



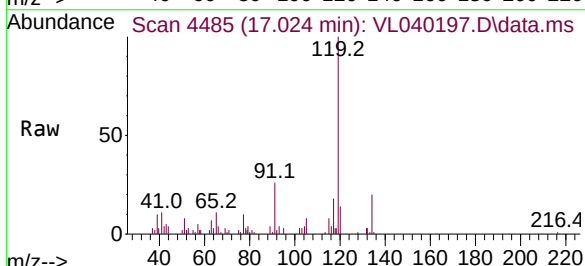
Tgt Ion: 95 Resp: 160159
Ion Ratio Lower Upper
95 100
174 59.7 48.2 72.2
175 4.1 3.4 5.2

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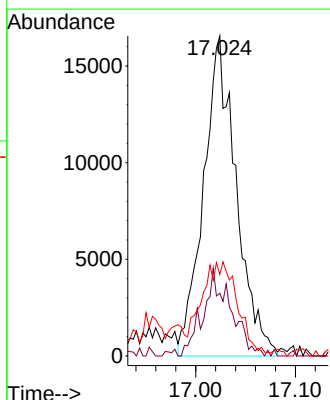
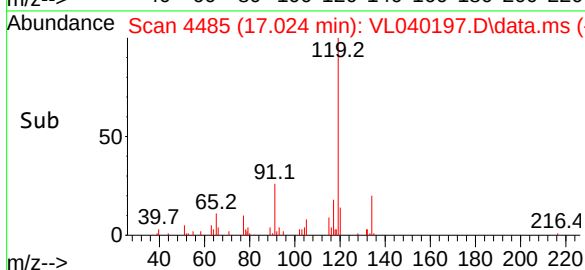
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

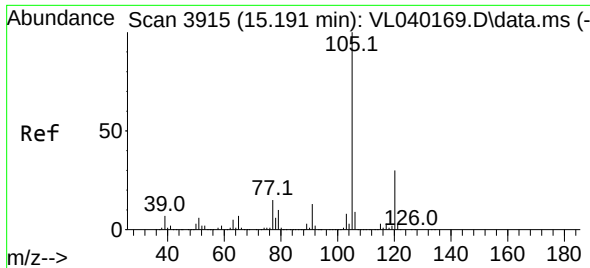


#69
p-Isopropyltoluene
Concen: 0.131 ppbv m
RT: 17.024 min Scan# 4485
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31



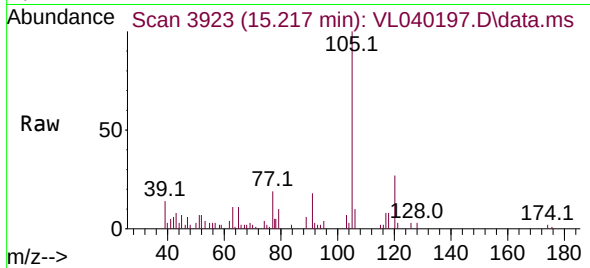
Tgt Ion:119 Resp: 37620
Ion Ratio Lower Upper
119 100
134 23.5 20.2 30.2
91 37.3 24.7 37.1#





#72
4-Ethyltoluene
Concen: 0.149 ppbv m
RT: 15.217 min Scan# 3915
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

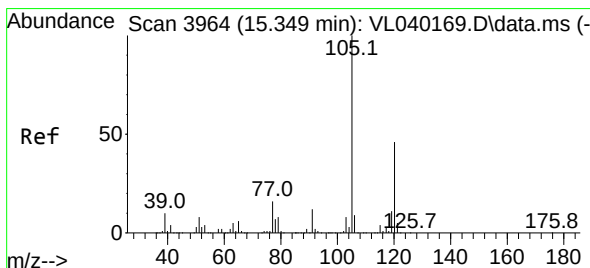
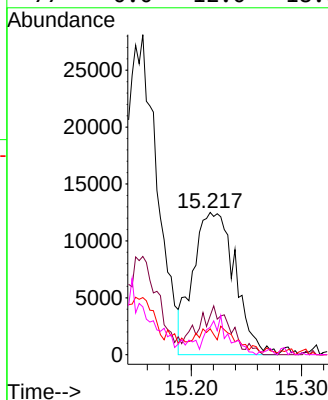
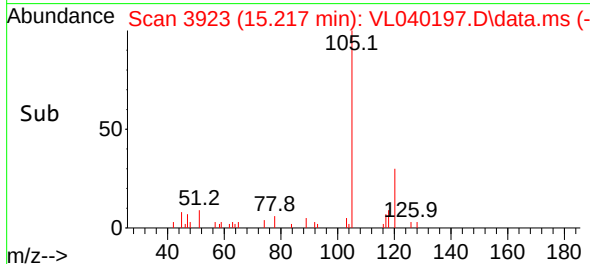
Instrument :
MSVOA_L
ClientSampleId :
IA-22



Tgt Ion:105 Resp: 33320
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8
91 0.0 11.3 16.9
77 0.0 12.0 18.0

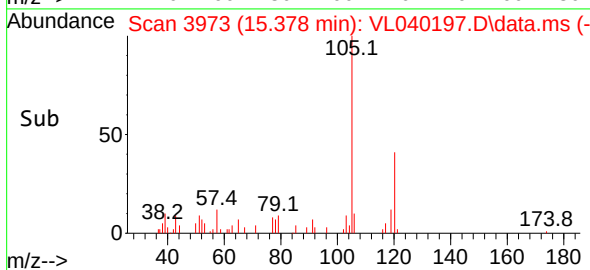
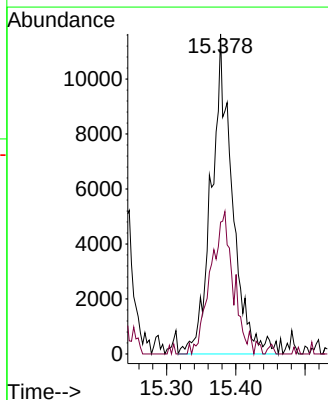
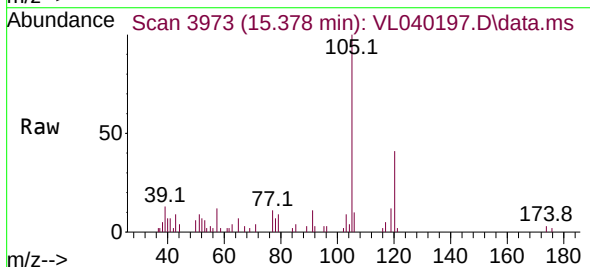
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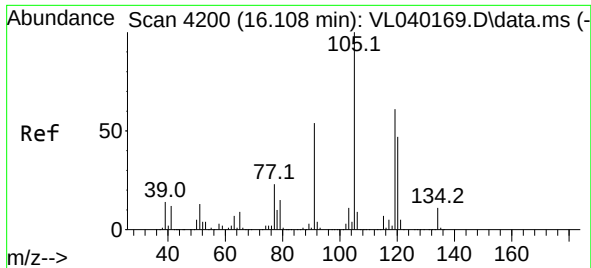
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#73
1,3,5-Trimethylbenzene
Concen: 0.117 ppbv m
RT: 15.378 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion:105 Resp: 24454
Ion Ratio Lower Upper
105 100
120 41.2 36.8 55.2





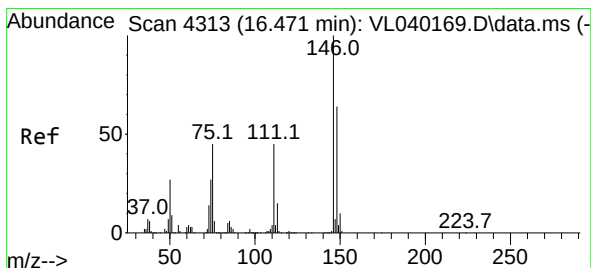
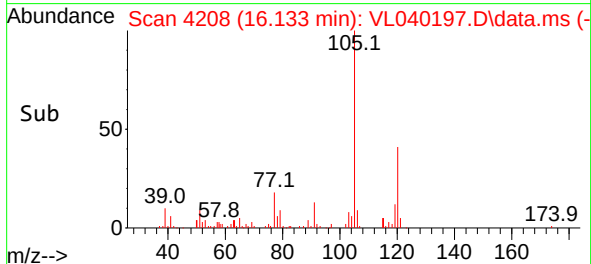
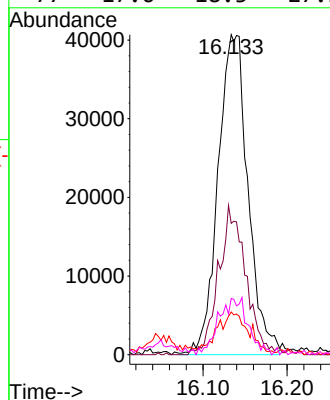
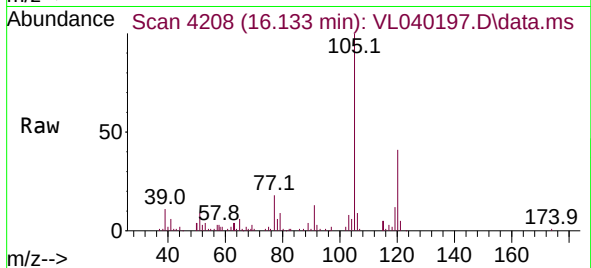
#74
1,2,4-Trimethylbenzene
Concen: 0.441 ppbv m
RT: 16.133 min Scan# 4208
Delta R.T. -0.003 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Tgt Ion:105 Resp: 100844
Ion Ratio Lower Upper
105 100
120 41.1 37.9 56.9
91 13.4 43.7 65.5
77 17.6 18.3 27.5#

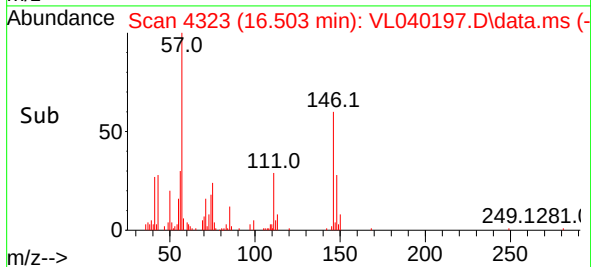
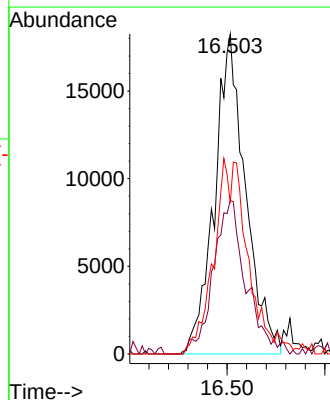
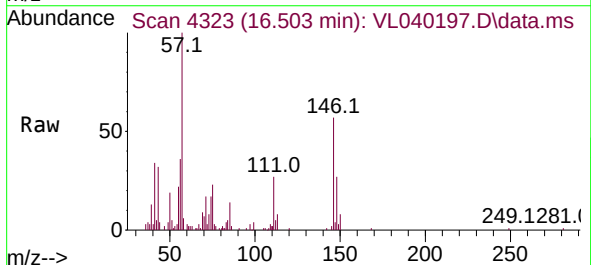
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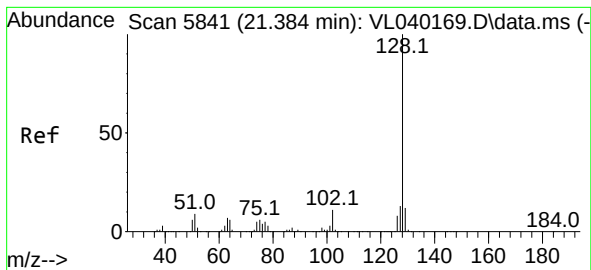
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,4-Dichlorobenzene
Concen: 0.328 ppbv m
RT: 16.503 min Scan# 4323
Delta R.T. -0.000 min
Lab File: VL040197.D
Acq: 21 Feb 2023 16:31

Tgt Ion:146 Resp: 40240
Ion Ratio Lower Upper
146 100
111 51.0 23.5 70.5
148 66.7 32.5 97.4





#79

Naphthalene

Concen: 0.192 ppbv m

RT: 21.423 min Scan# 5853

Delta R.T. 0.003 min

Lab File: VL040197.D

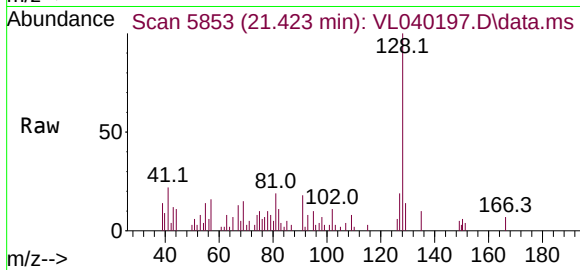
Acq: 21 Feb 2023 16:31

Instrument :

MSVOA_L

ClientSampleId :

IA-22



Tgt Ion:128 Resp: 24690

Ion Ratio Lower Upper

128 100

127 18.8 10.2 15.4

129 14.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023

