

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041387.D
 Acq On : 22 Jul 2024 15:26
 Operator : SY/MD
 Sample : P3259-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:16:02 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.237	49	871323	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.681	114	2597731	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.471	117	2318692	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1751297 10.077 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.723	85	136555m	0.918	ppbv	
3) Chlorodifluoromethane	2.645	51	375508	2.499	ppbv #	65
4) Chloromethane	2.867	50	7627	0.133	ppbv	98
9) Propene	2.700	41	142926	2.749	ppbv #	72
10) Heptane	7.526	43	1470435m	12.042	ppbv	
11) Trichlorofluoromethane	3.546	101	490898m	3.392	ppbv	
13) Ethanol	3.298	45	9557254	828.669	ppbv	86
15) Acetone	3.462	43	73087639m	635.120	ppbv	
17) tert-Butyl alcohol	3.922	59	147778m	1.665	ppbv	
19) Isopropyl Alcohol	3.623	45	13227666	209.386	ppbv #	94
20) Methylene Chloride	3.976	84	1431895	34.292	ppbv	95
23) Vinyl Acetate	4.658	43	152356	1.343	ppbv #	77
25) Ethyl Acetate	5.237	43	22762363	107.420	ppbv #	60
26) Hexane	5.205	57	1392899	14.845	ppbv #	1
29) Chloroform	5.314	83	15352m	0.106	ppbv	
30) Cyclohexane	6.603	84	14055m	0.188	ppbv	
32) 1,1,1-Trichloroethane	6.031	97	193826	1.276	ppbv	99
34) 2-Butanone	4.822	43	406213	2.963	ppbv	100
35) Carbon Tetrachloride	6.507	117	7124m	0.042	ppbv	
36) Benzene	6.394	78	79134	0.368	ppbv	94
37) 1,2-Dichloroethane	5.845	62	15115m	0.123	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	58695m	0.161	ppbv	
50) 4-Methyl-2-Pentanone	8.198	43	44594m	0.203	ppbv	
52) Tetrachloroethene	10.635	164	5288m	0.061	ppbv	
53) Toluene	9.233	91	3244330	13.380	ppbv	99
58) Ethyl Benzene	12.092	91	192209m	0.620	ppbv	
59) m/p-Xylene	12.346	91	778655	2.900	ppbv	94
60) o-Xylene	13.057	91	363990	1.437	ppbv	99
61) Styrene	12.899	104	18906m	0.154	ppbv	
62) Isopropylbenzene	14.031	105	68595	0.175	ppbv	100
64) n-propylbenzene	14.921	120	38465m	0.377	ppbv	
65) tert-Butylbenzene	16.108	119	85607m	0.246	ppbv	
67) sec-Butylbenzene	16.632	105	49212	0.100	ppbv #	90
69) p-Isopropyltoluene	16.992	119	66857m	0.164	ppbv	
70) n-Butylbenzene	17.892	91	56709m	0.136	ppbv	
72) 4-Ethyltoluene	15.188	105	223560	0.741	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	281214	1.089	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	761599	2.616	ppbv #	72
79) Naphthalene	21.384	128	20603m	0.132	ppbv	

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

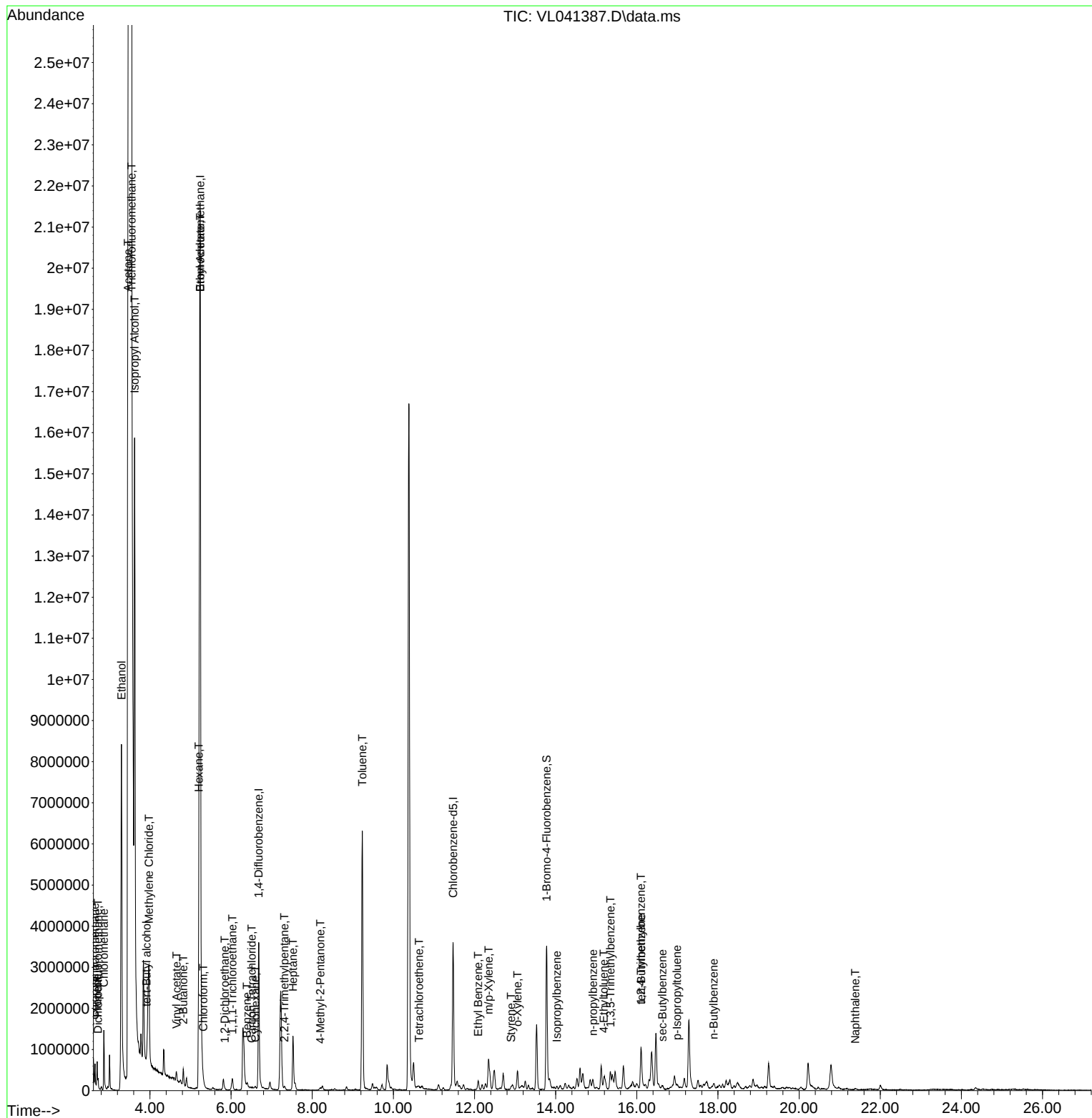
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041387.D
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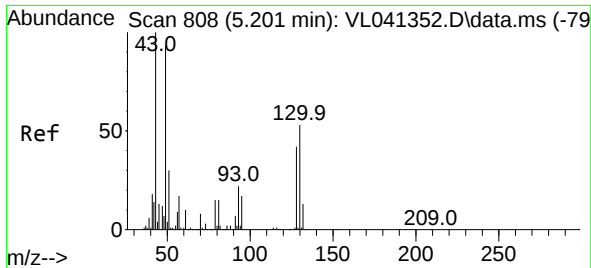
Instrument :
MSVOA_L
ClientSampleId :
IA2

Quant Time: Jul 23 03:16:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/24/2024





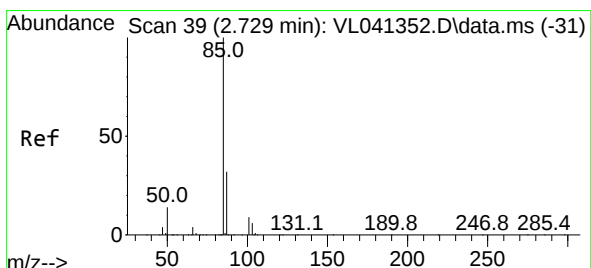
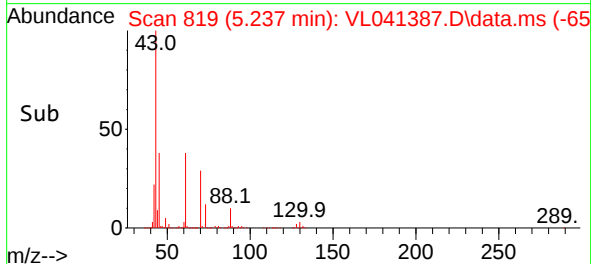
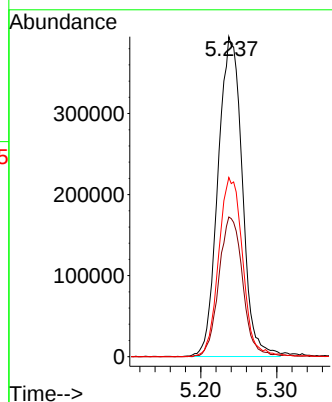
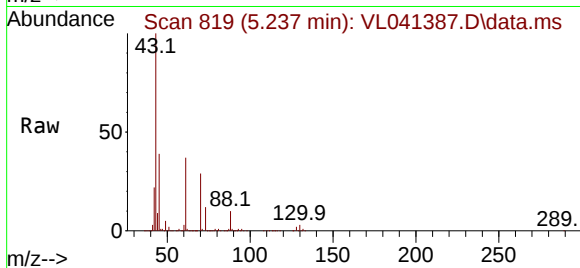
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.237 min Scan# 81
Delta R.T. 0.026 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 49 Resp: 87132
Ion Ratio Lower Upper
49 100
128 43.4 22.8 68.3
130 56.0 28.9 86.7

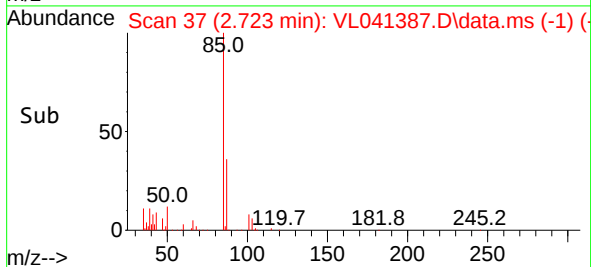
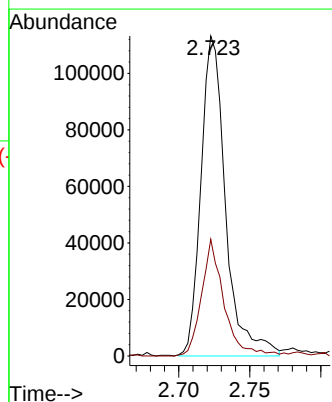
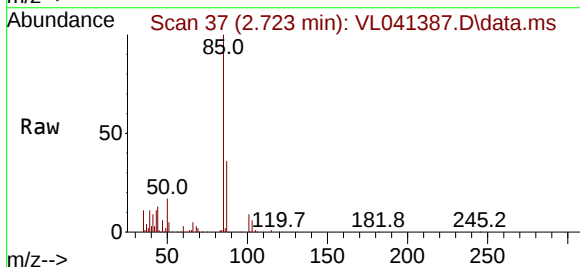
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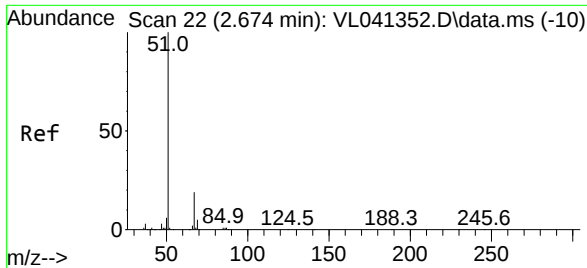
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#2
Dichlorodifluoromethane
Concen: 0.918 ppbv m
RT: 2.723 min Scan# 37
Delta R.T. -0.051 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

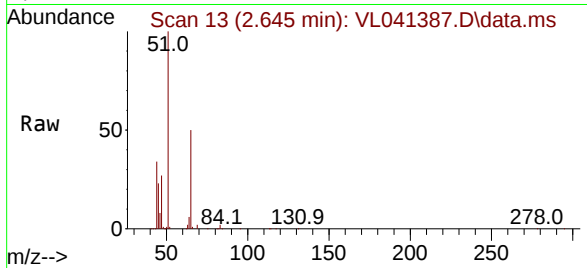
Tgt Ion: 85 Resp: 136555
Ion Ratio Lower Upper
85 100
87 36.4 25.9 38.9





#3
Chlorodifluoromethane
Concen: 2.499 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.074 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

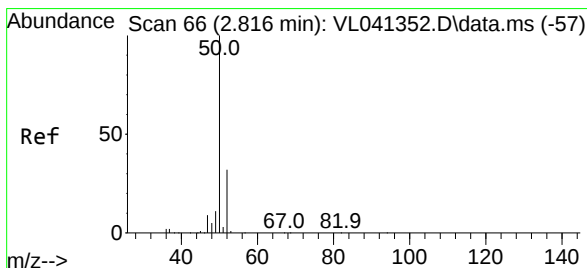
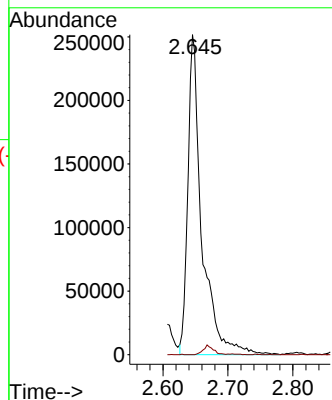
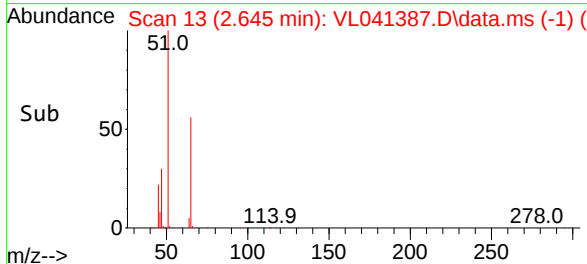
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 51 Resp: 375508
Ion Ratio Lower Upper
51 100
67 2.3 14.3 21.5

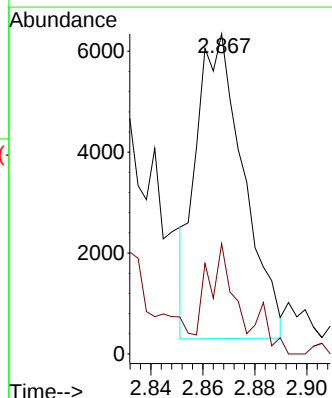
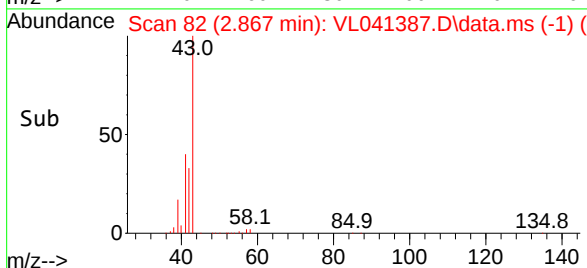
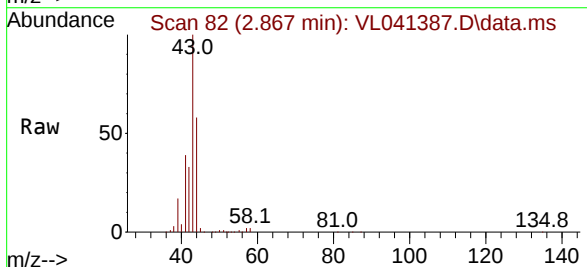
Manual Integrations
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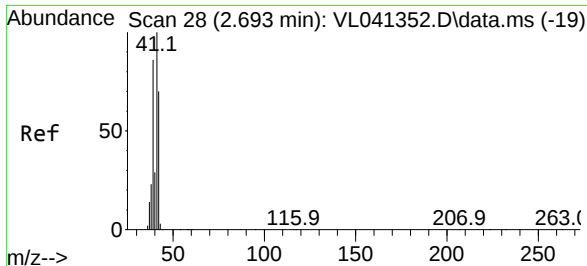
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#4
Chloromethane
Concen: 0.133 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

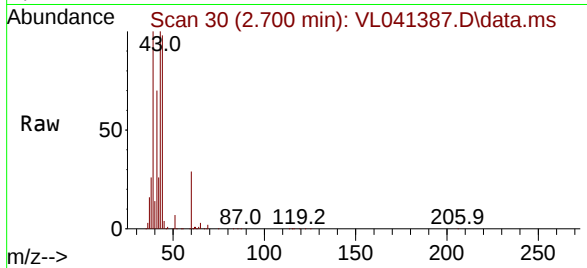
Tgt Ion: 50 Resp: 7627
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4





#9
 Propene
 Concen: 2.749 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.035 min
 Lab File: VL041387.D
 Acq: 22 Jul 2024 15:26

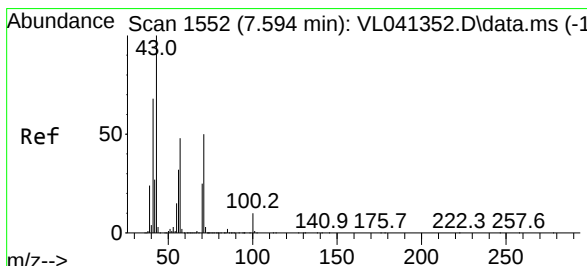
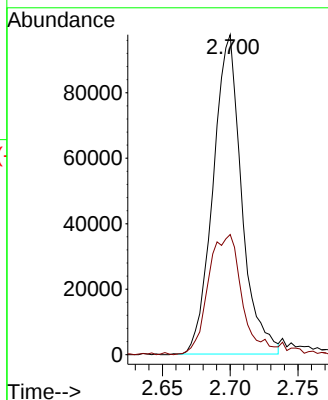
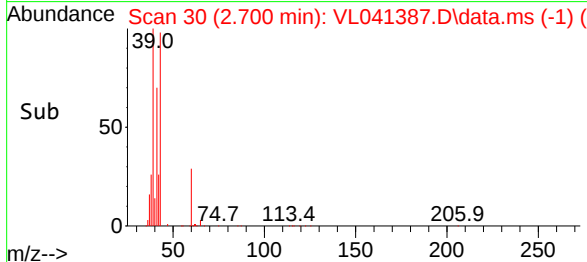
Instrument :
 MSVOA_L
 ClientSampleId :
 IA2



Tgt Ion: 41 Resp: 142920
 Ion Ratio Lower Upper
 41 100
 42 46.8 55.8 83.8

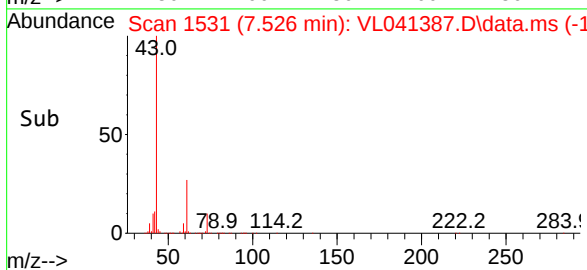
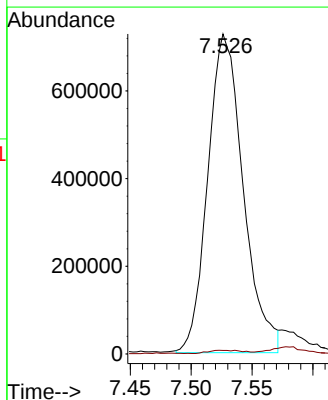
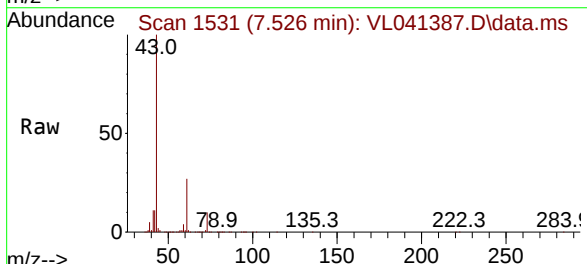
Manual Integrations
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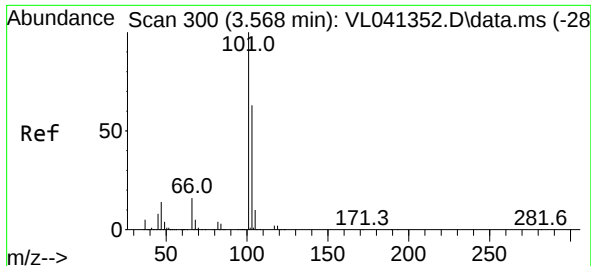
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#10
 Heptane
 Concen: 12.042 ppbv m
 RT: 7.526 min Scan# 1531
 Delta R.T. -0.064 min
 Lab File: VL041387.D
 Acq: 22 Jul 2024 15:26

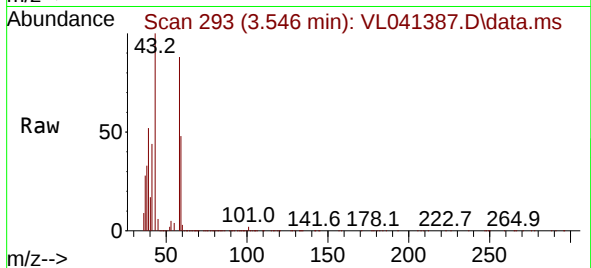
Tgt Ion: 43 Resp: 1470435
 Ion Ratio Lower Upper
 43 100
 57 2.3 40.3 60.5





#11
Trichlorofluoromethane
Concen: 3.392 ppbv m
RT: 3.546 min Scan# 20
Delta R.T. -0.048 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

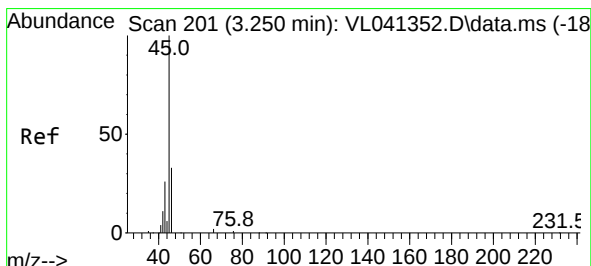
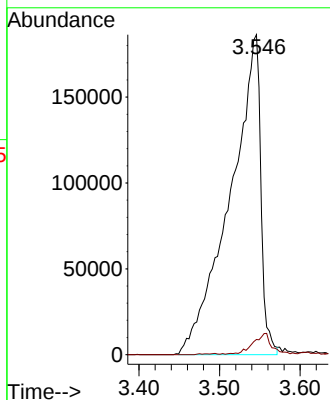
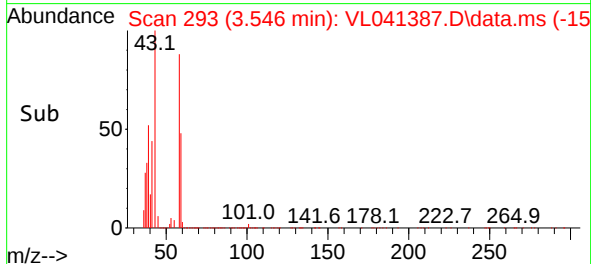
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion:101 Resp: 490898
Ion Ratio Lower Upper
101 100
103 4.7 50.5 75.75

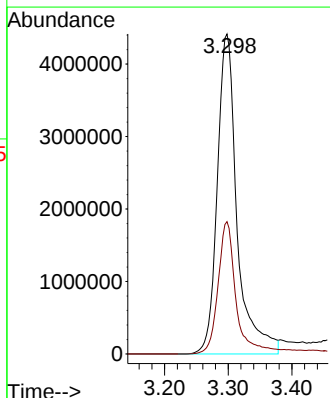
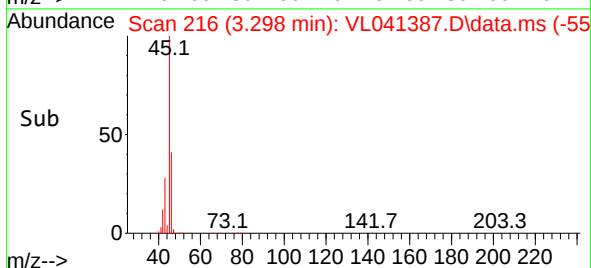
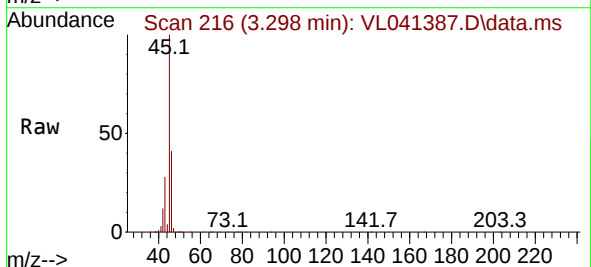
Manual Integrations
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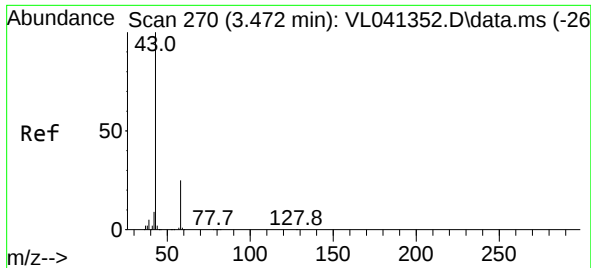
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#13
Ethanol
Concen: 828.669 ppbv
RT: 3.298 min Scan# 216
Delta R.T. 0.016 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion: 45 Resp: 9557254
Ion Ratio Lower Upper
45 100
46 41.2 13.3 53.3





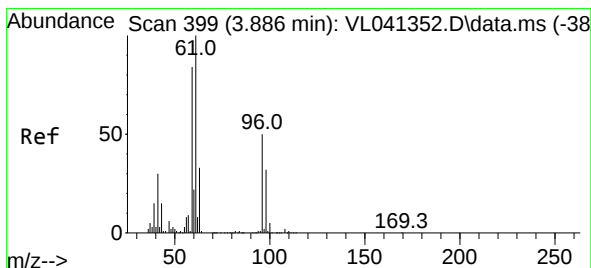
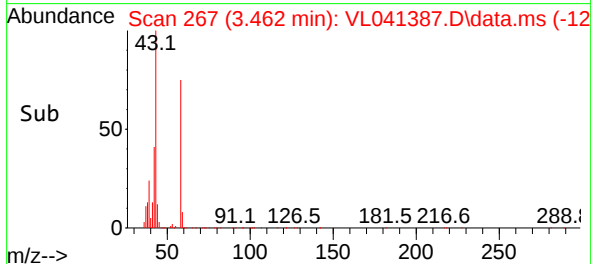
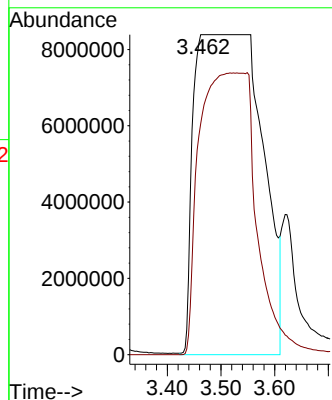
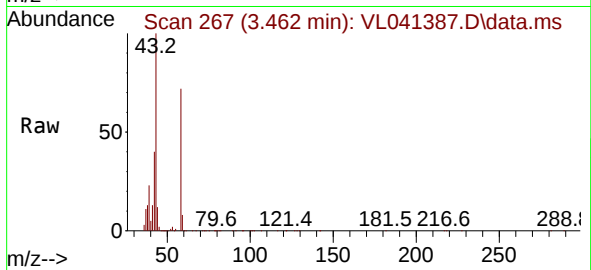
#15
Acetone
Concen: 635.120 ppbv m
RT: 3.462 min Scan# 20
Delta R.T. -0.038 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 73087639
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5

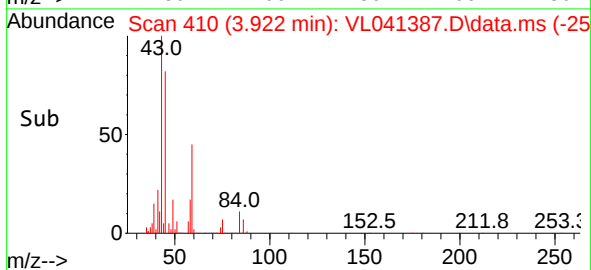
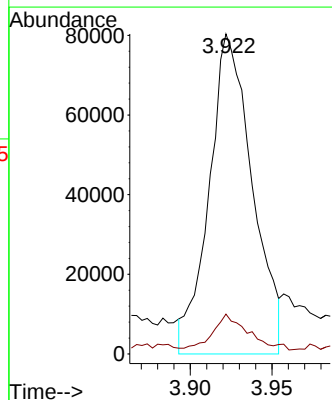
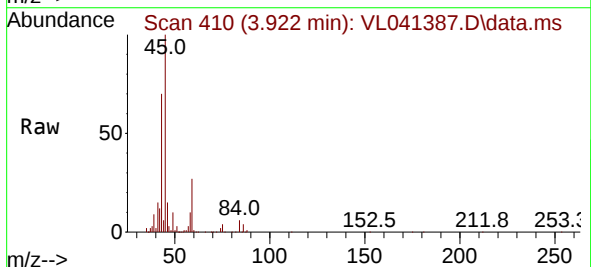
Manual Integrations
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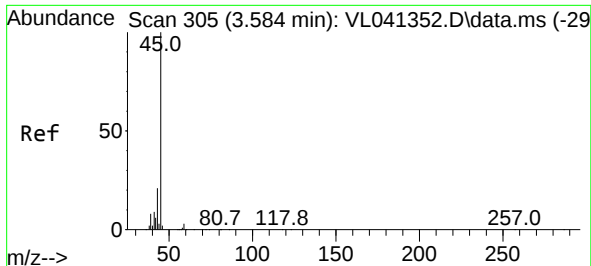
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#17
tert-Butyl alcohol
Concen: 1.665 ppbv m
RT: 3.922 min Scan# 410
Delta R.T. 0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion: 59 Resp: 147778
Ion Ratio Lower Upper
59 100
57 17.3 8.4 12.6





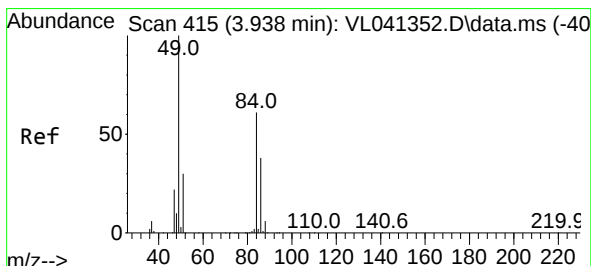
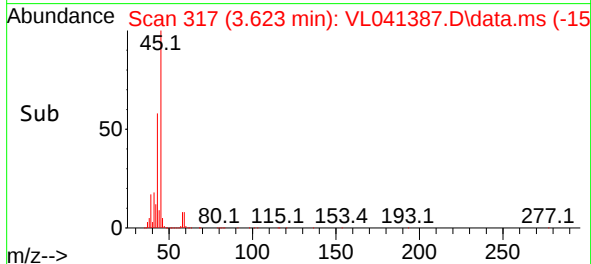
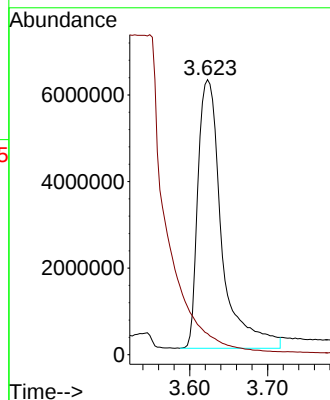
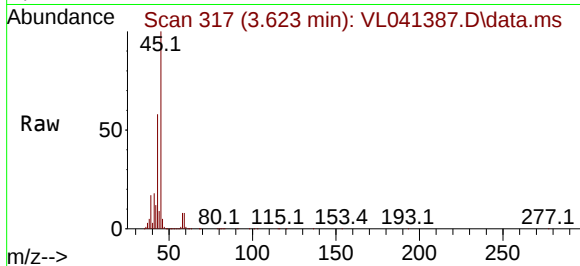
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Isopropyl Alcohol
Concen: 209.386 ppbv
RT: 3.623 min Scan# 317
Delta R.T. 0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 45 Resp:1322766
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4

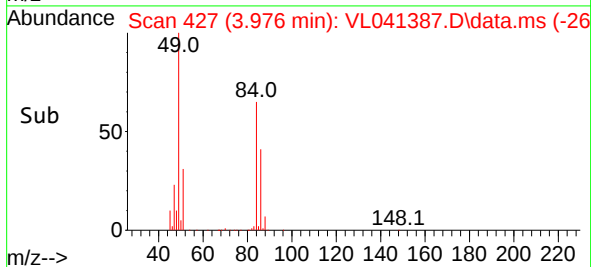
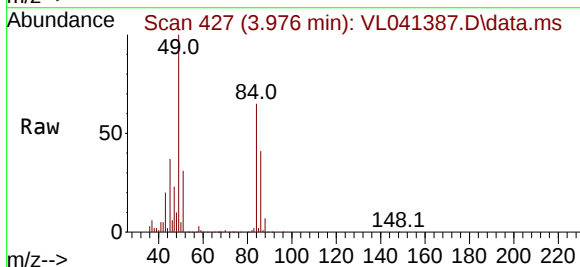
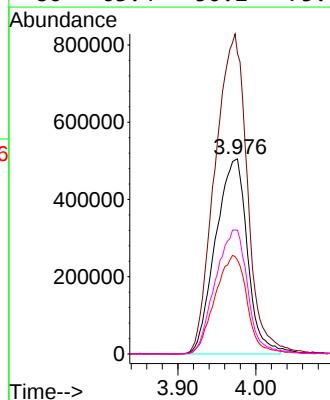
Manual Integrations
APPROVED

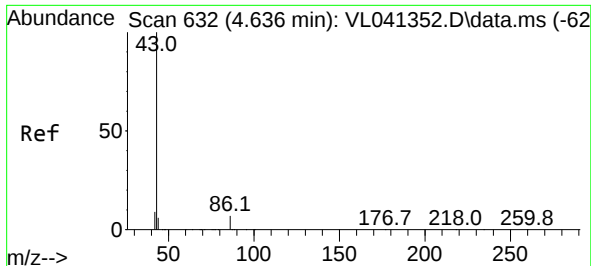
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#20
Methylene Chloride
Concen: 34.292 ppbv
RT: 3.976 min Scan# 427
Delta R.T. 0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

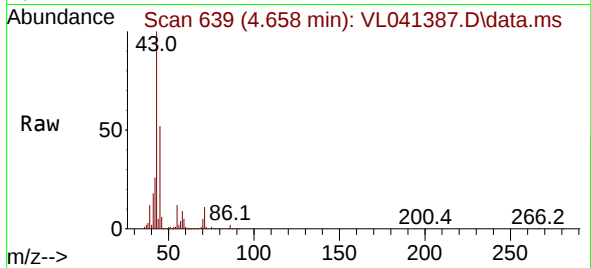
Tgt Ion: 84 Resp: 1431895
Ion Ratio Lower Upper
84 100
49 153.8 131.8 197.6
51 48.0 39.6 59.4
86 63.4 50.2 75.4





#23
 Vinyl Acetate
 Concen: 1.343 ppbv
 RT: 4.658 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL041387.D
 Acq: 22 Jul 2024 15:26

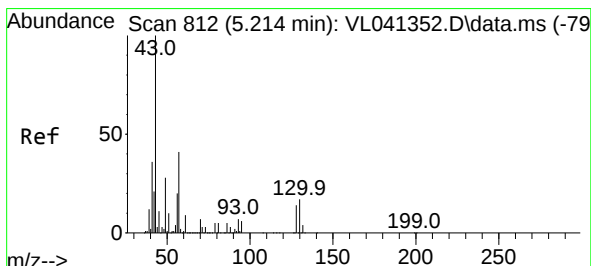
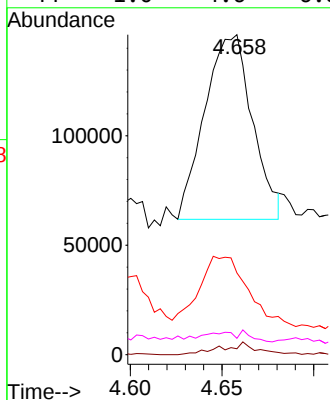
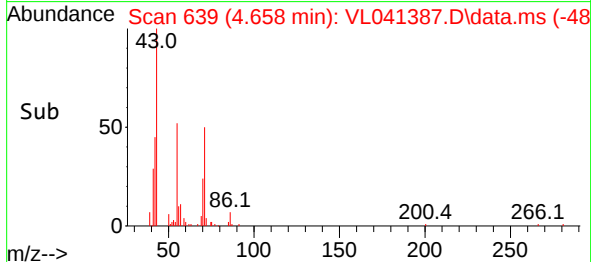
Instrument :
 MSVOA_L
 ClientSampleId :
 IA2



Tgt Ion: 43 Resp: 152350
 Ion Ratio Lower Upper
 43 100
 86 3.2 5.0 7.4#
 42 23.6 7.9 11.9#
 44 1.0 4.6 6.8#

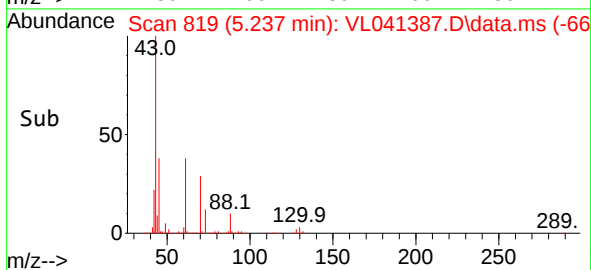
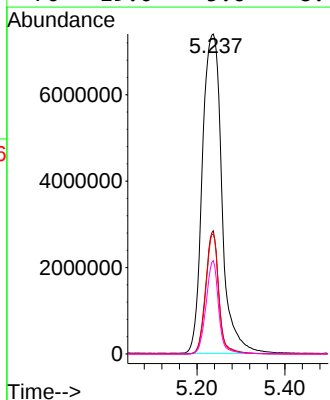
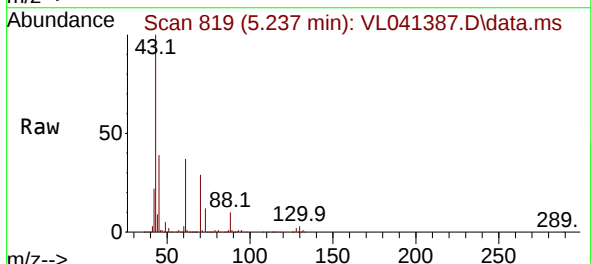
Manual Integrations
 APPROVED

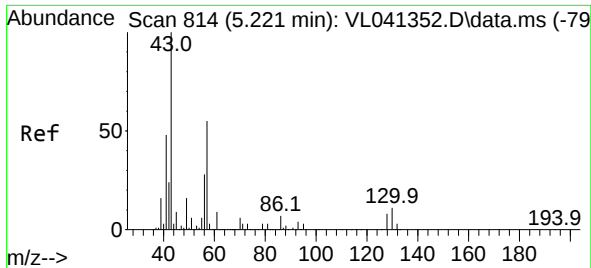
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#25
 Ethyl Acetate
 Concen: 107.420 ppbv
 RT: 5.237 min Scan# 819
 Delta R.T. 0.010 min
 Lab File: VL041387.D
 Acq: 22 Jul 2024 15:26

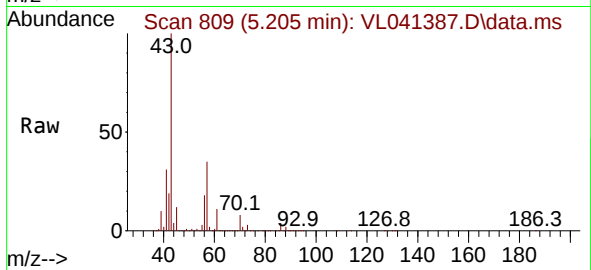
Tgt Ion: 43 Resp:22762363
 Ion Ratio Lower Upper
 43 100
 45 26.1 8.3 12.5#
 61 25.1 7.7 11.5#
 70 19.0 5.6 8.4#





#26
Hexane
Concen: 14.845 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.025 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

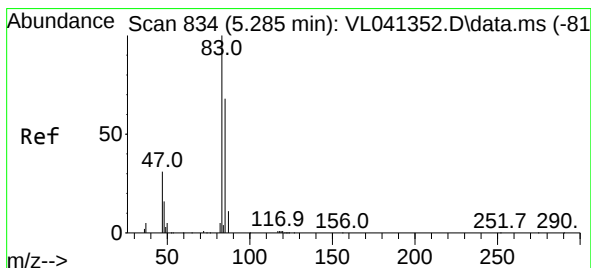
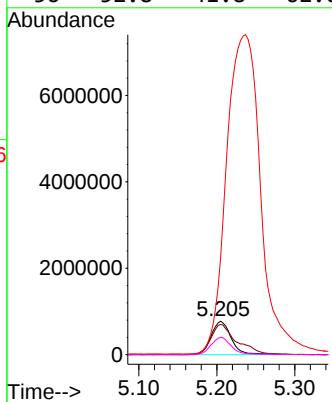
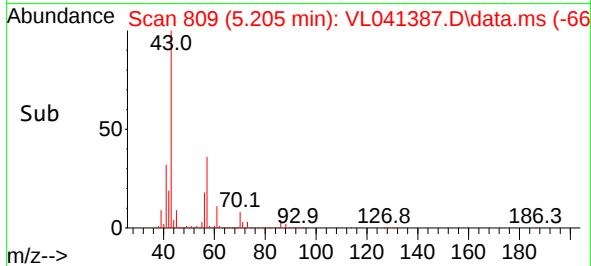
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 57 Resp: 1392899
Ion Ratio Lower Upper
57 100
41 116.5 73.7 110.5
43 1644.5 182.2 273.2
56 52.8 41.8 62.6

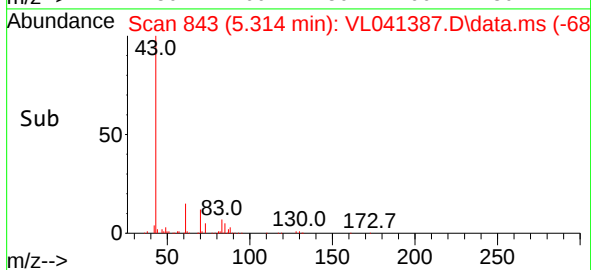
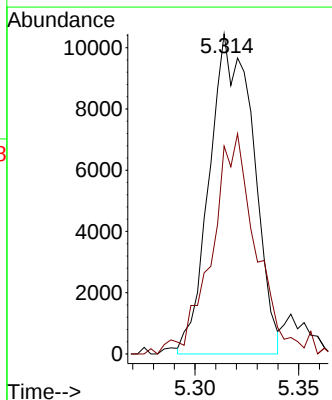
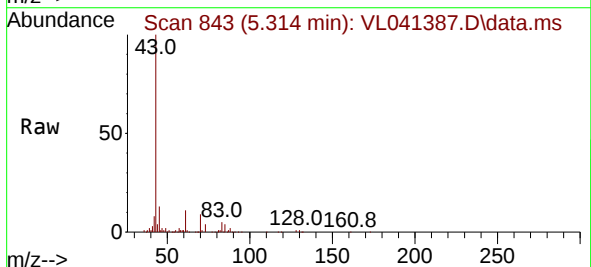
Manual Integrations
APPROVED

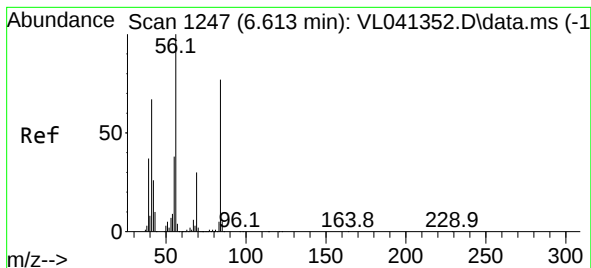
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#29
Chloroform
Concen: 0.106 ppbv m
RT: 5.314 min Scan# 843
Delta R.T. 0.020 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

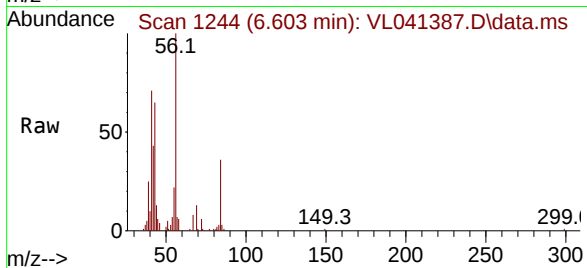
Tgt Ion: 83 Resp: 15352
Ion Ratio Lower Upper
83 100
85 65.0 54.2 81.4





#30
Cyclohexane
Concen: 0.188 ppbv m
RT: 6.603 min Scan# 1066
Delta R.T. -0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

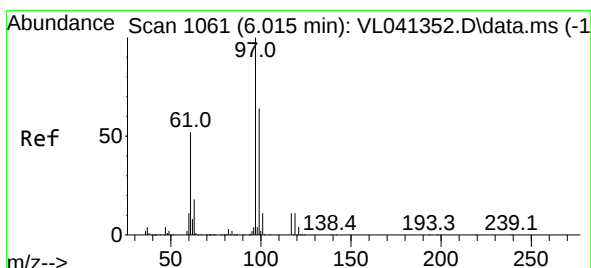
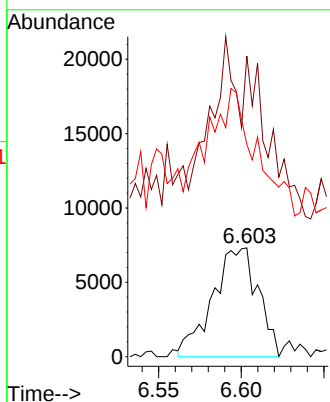
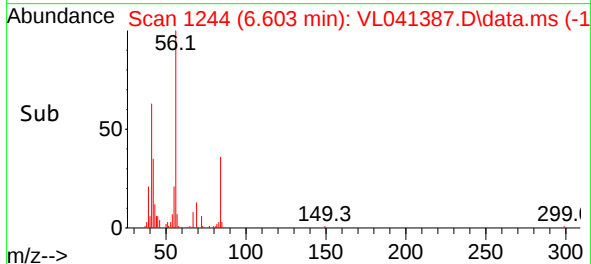
Instrument :
MSVOA_L
ClientSampleId :
IA2



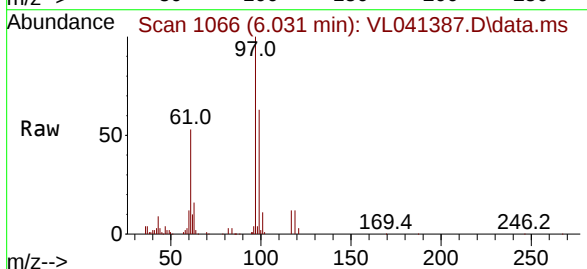
Tgt Ion: 84 Resp: 14058
Ion Ratio Lower Upper
84 100
56 0.0 112.4 168.6
41 0.0 72.7 109.1

Manual Integrations
APPROVED

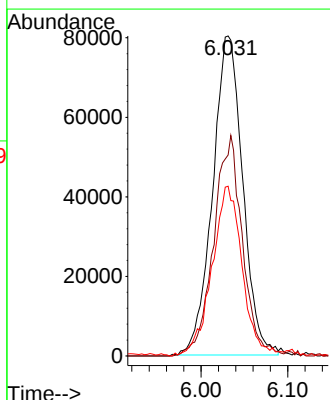
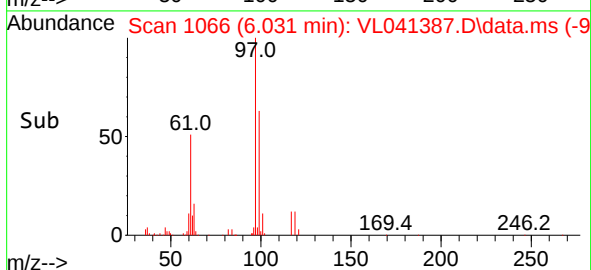
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

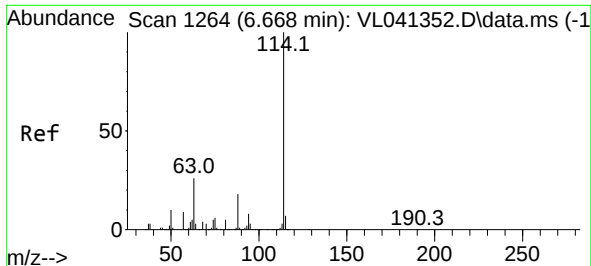


#32
1,1,1-Trichloroethane
Concen: 1.276 ppbv
RT: 6.031 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26



Tgt Ion: 97 Resp: 193826
Ion Ratio Lower Upper
97 100
99 66.3 52.0 78.0
61 53.2 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 114

Delta R.T. 0.013 min

Lab File: VL041387.D

Acq: 22 Jul 2024 15:26

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion:114 Resp: 259773

Ion Ratio Lower Upper

114 100

63 25.8 20.6 31.0

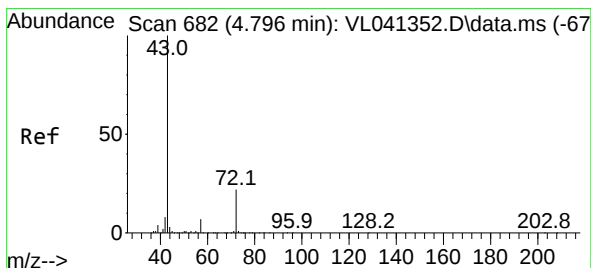
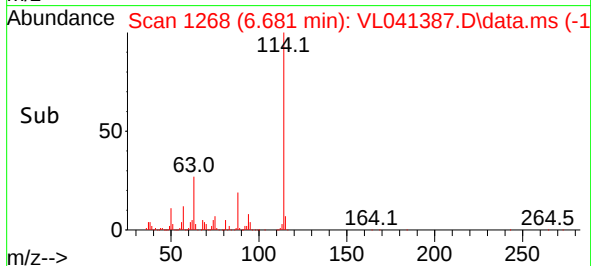
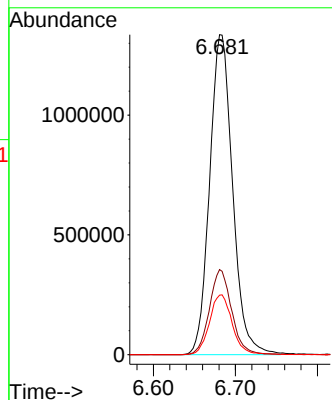
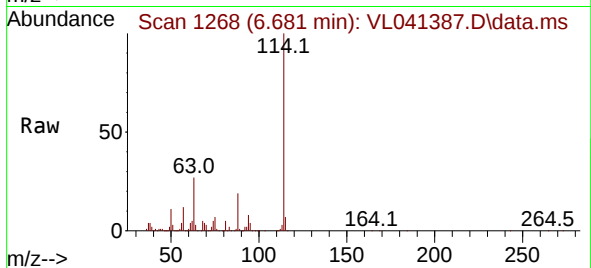
88 18.6 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#34

2-Butanone

Concen: 2.963 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.013 min

Lab File: VL041387.D

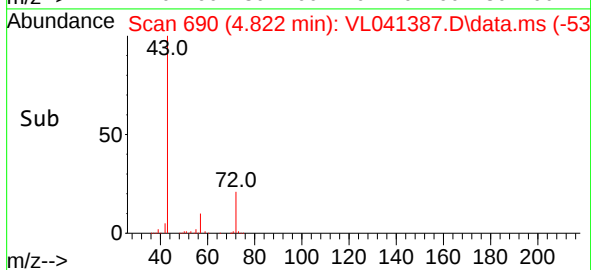
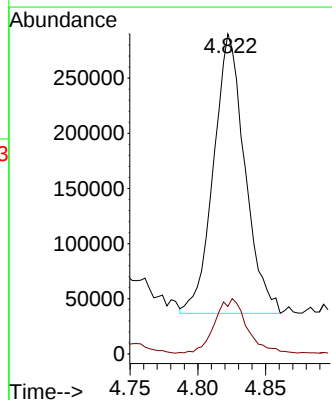
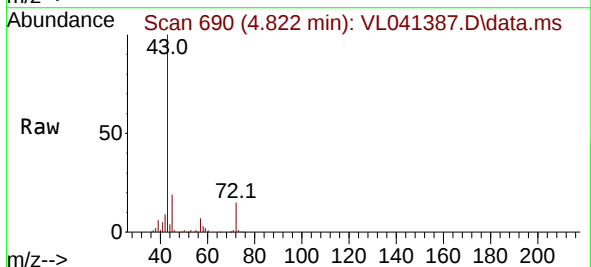
Acq: 22 Jul 2024 15:26

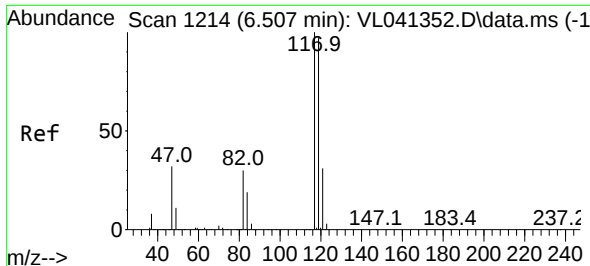
Tgt Ion: 43 Resp: 406213

Ion Ratio Lower Upper

43 100

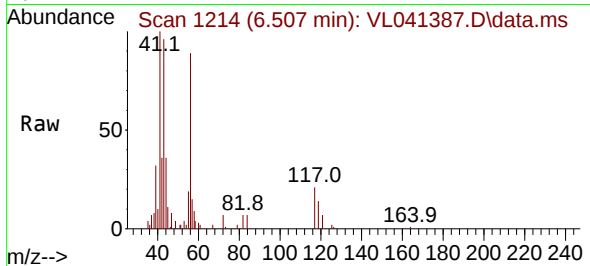
72 21.6 17.2 25.8





#35
Carbon Tetrachloride
Concen: 0.042 ppbv m
RT: 6.507 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

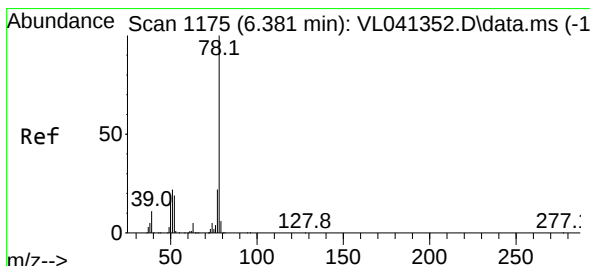
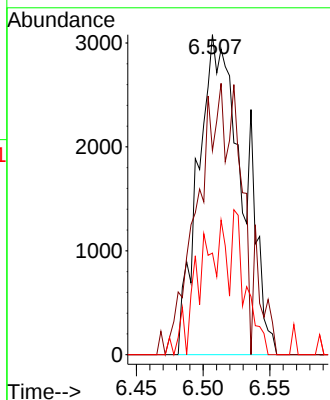
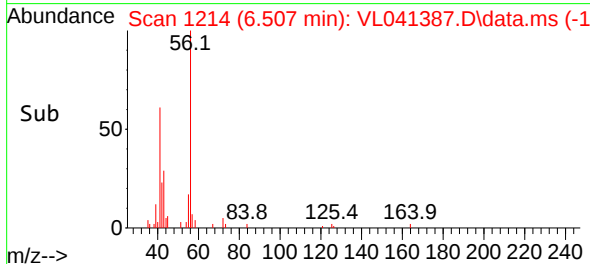
Instrument :
MSVOA_L
ClientSampleId :
IA2



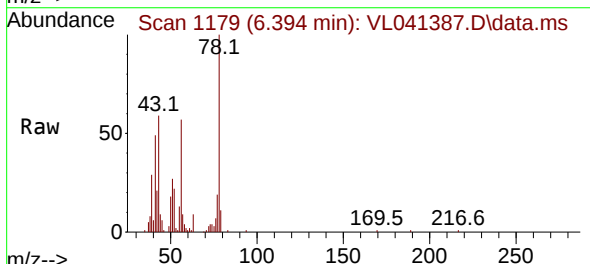
Tgt Ion: 117 Resp: 7124
Ion Ratio Lower Upper
117 100
119 63.7 77.2 115.8
121 31.8 25.2 37.8

Manual Integrations
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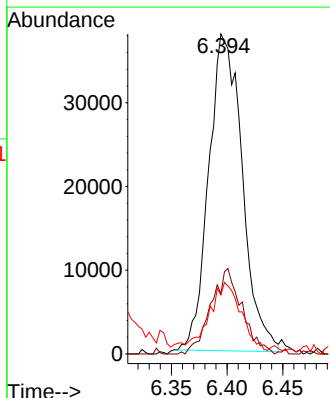
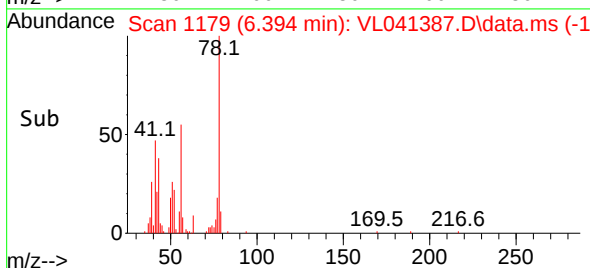
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

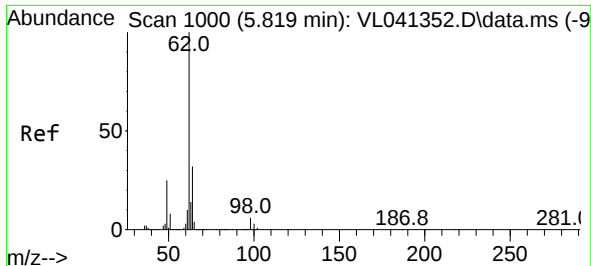


#36
Benzene
Concen: 0.368 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26



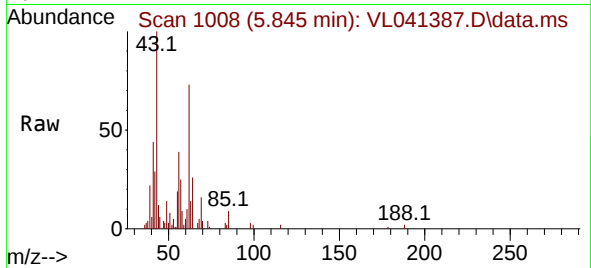
Tgt Ion: 78 Resp: 79134
Ion Ratio Lower Upper
78 100
77 19.0 17.9 26.9
50 16.9 15.5 23.3





#37
1,2-Dichloroethane
Concen: 0.123 ppbv m
RT: 5.845 min Scan# 1008
Delta R.T. 0.020 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

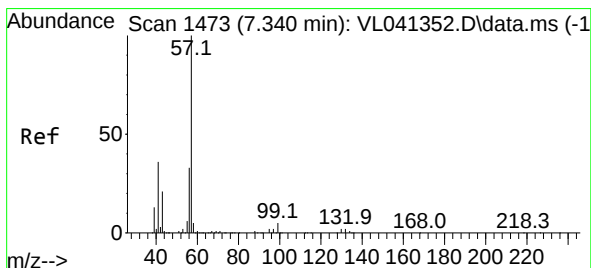
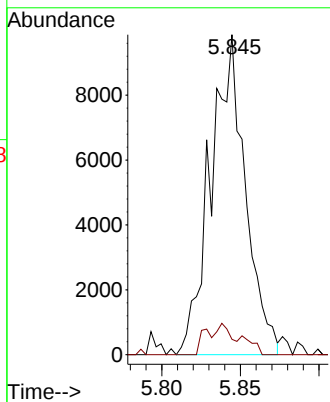
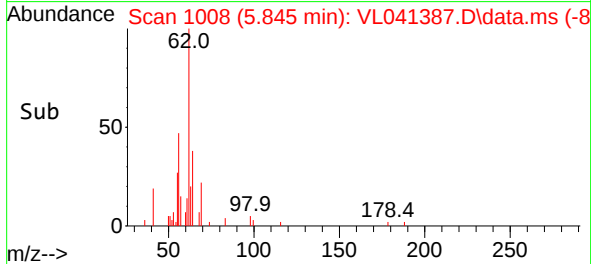
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 62 Resp: 1511
Ion Ratio Lower Upper
62 100
98 9.1 4.8 7.2

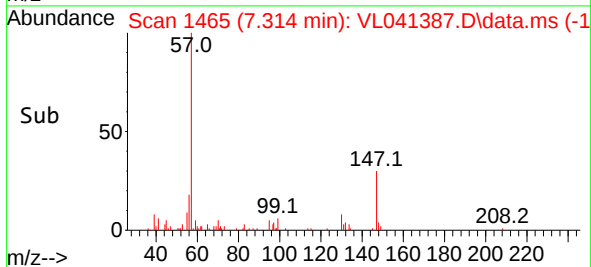
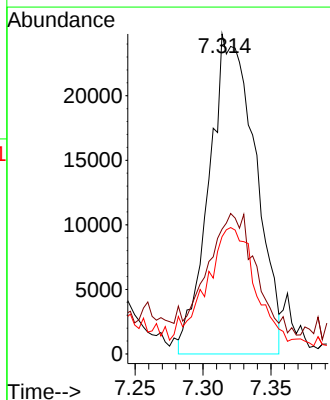
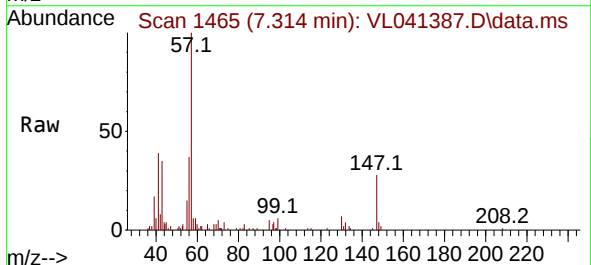
Manual Integrations
APPROVED

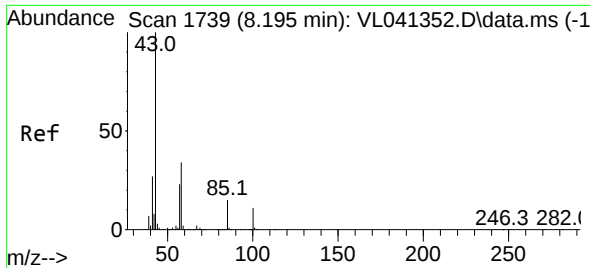
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#44
2,2,4-Trimethylpentane
Concen: 0.161 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion: 57 Resp: 58695
Ion Ratio Lower Upper
57 100
41 0.0 29.6 44.4#
56 0.0 25.7 38.5#





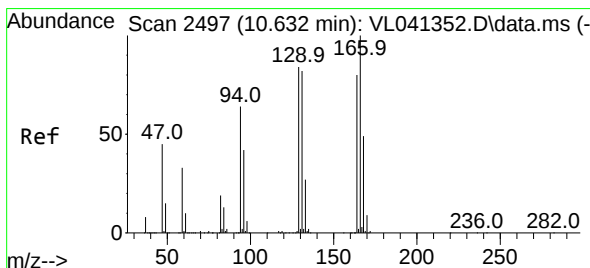
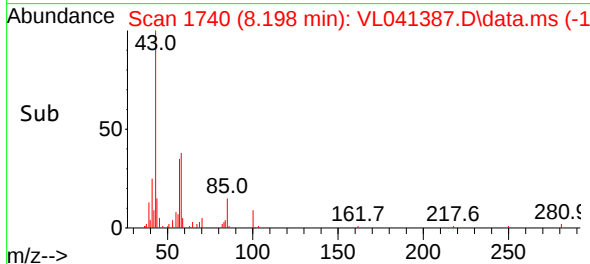
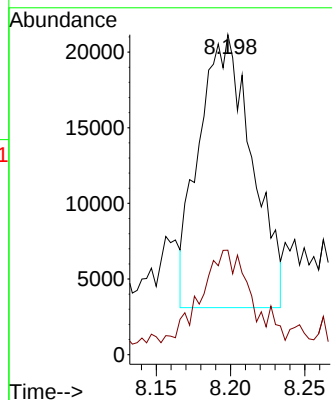
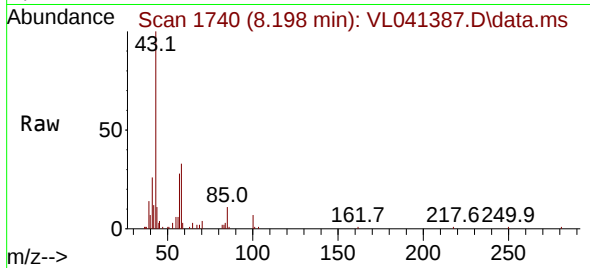
#50
4-Methyl-2-Pentanone
Concen: 0.203 ppbv m
RT: 8.198 min Scan# 1739
Delta R.T. 0.010 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 44594
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8

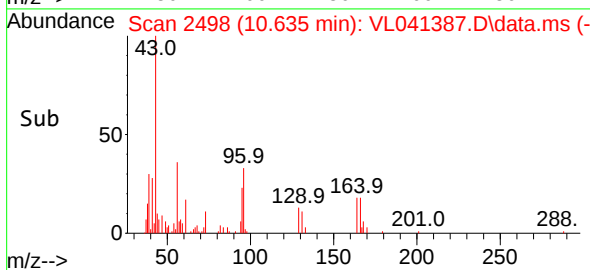
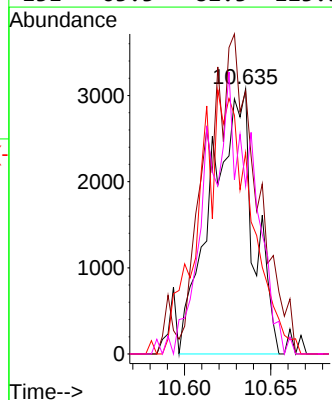
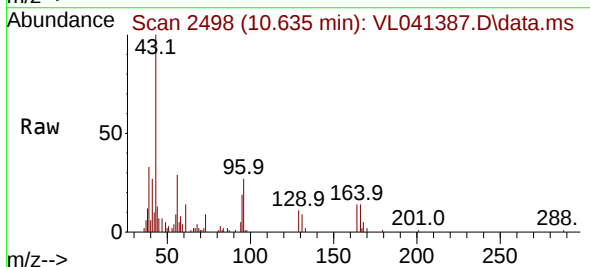
Manual Integrations
APPROVED

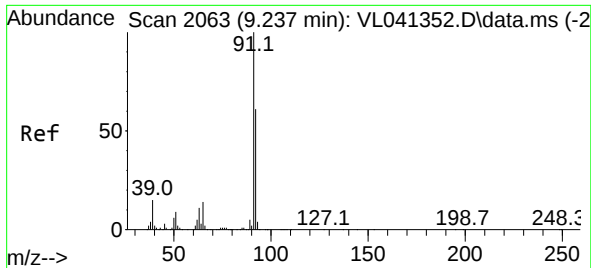
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#52
Tetrachloroethene
Concen: 0.061 ppbv m
RT: 10.635 min Scan# 2498
Delta R.T. 0.016 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

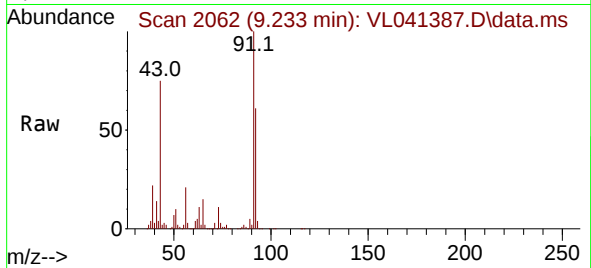
Tgt Ion:164 Resp: 5288
Ion Ratio Lower Upper
164 100
166 99.2 99.8 149.8#
129 75.9 83.8 125.6#
131 63.3 82.3 123.5#





#53
Toluene
Concen: 13.380 ppbv
RT: 9.233 min Scan# 2063
Delta R.T. 0.007 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

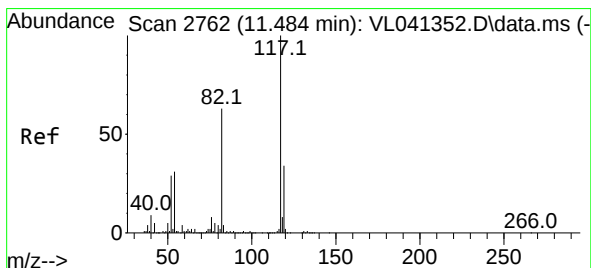
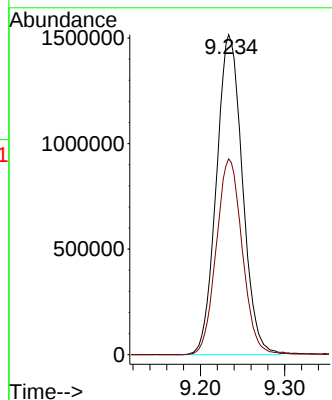
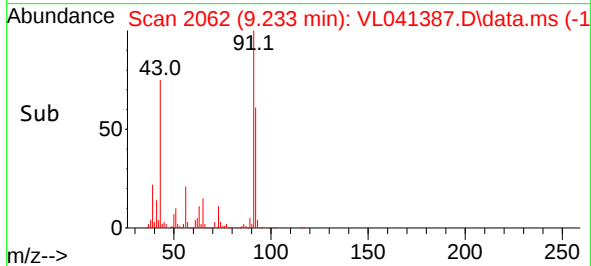
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion: 91 Resp: 3244330
Ion Ratio Lower Upper
91 100
92 61.6 48.5 72.7

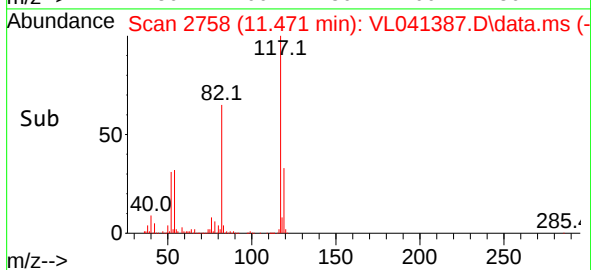
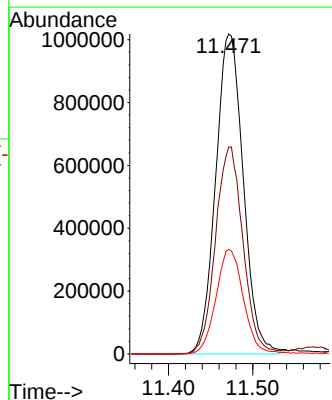
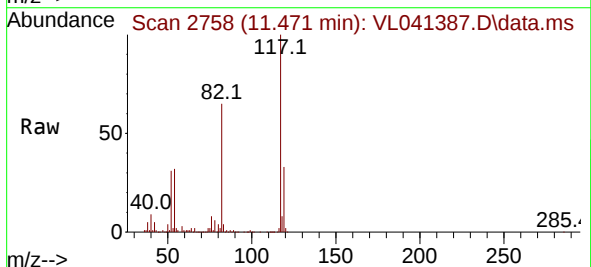
Manual Integrations
APPROVED

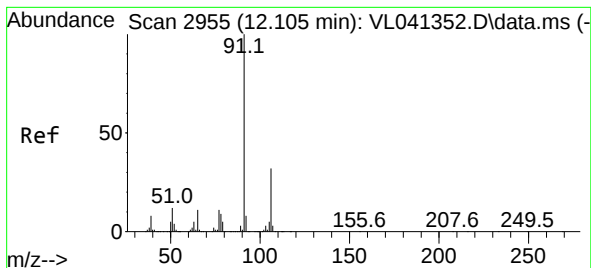
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.003 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion:117 Resp: 2318692
Ion Ratio Lower Upper
117 100
82 64.2 50.6 75.8
119 32.6 24.7 37.1





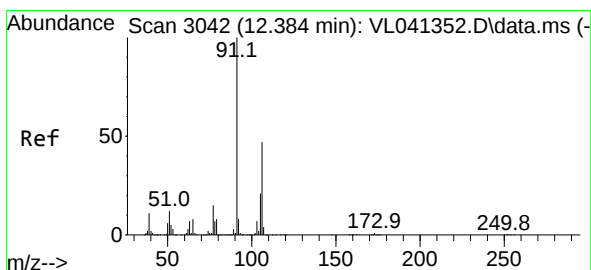
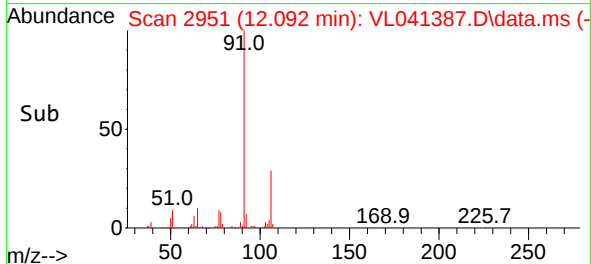
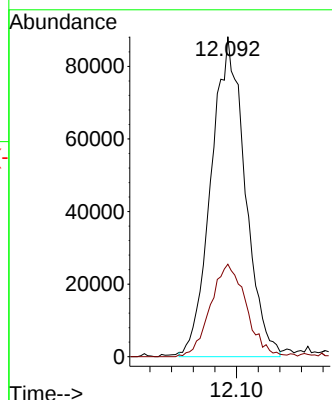
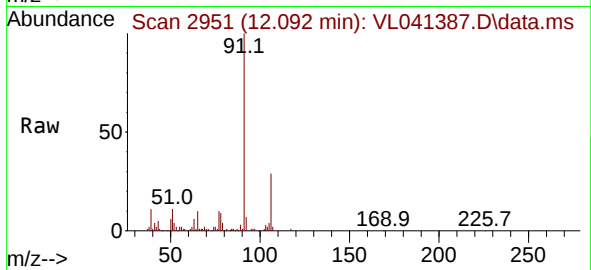
#58
Ethyl Benzene
Concen: 0.620 ppbv m
RT: 12.092 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 91 Resp: 192209
Ion Ratio Lower Upper
91 100
106 28.9 25.4 38.0

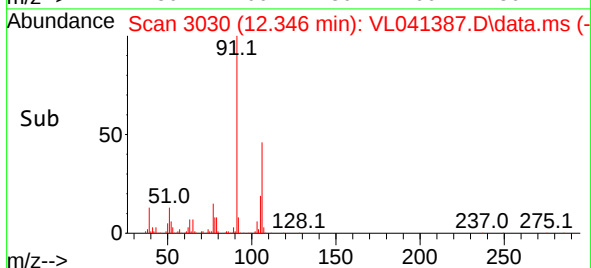
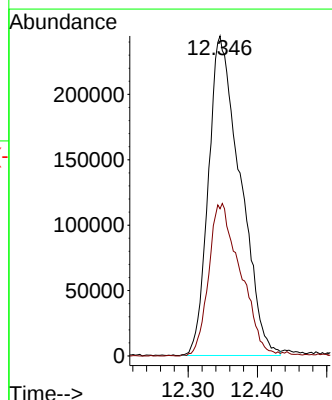
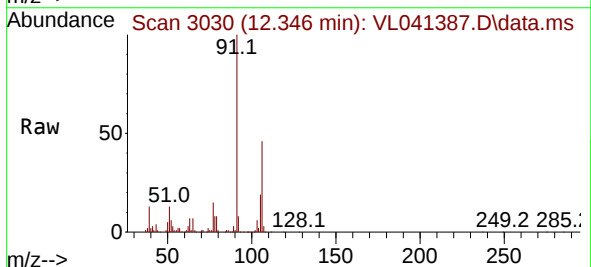
Manual Integrations
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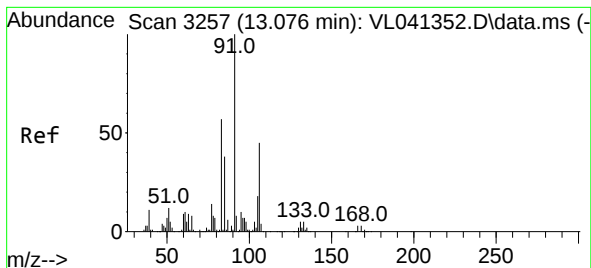
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#59
m/p-Xylene
Concen: 2.900 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.025 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion: 91 Resp: 778655
Ion Ratio Lower Upper
91 100
106 48.2 35.6 53.4





#60

o-Xylene

Concen: 1.437 ppbv

RT: 13.057 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041387.D

Acq: 22 Jul 2024 15:26

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion: 91 Resp: 363990

Ion Ratio Lower Upper

91 100

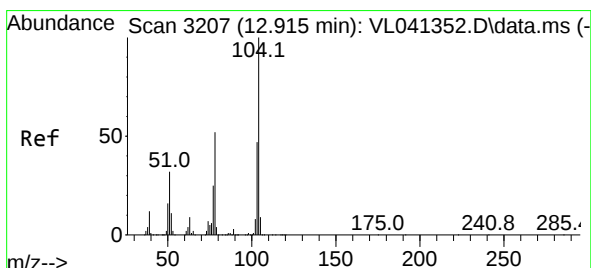
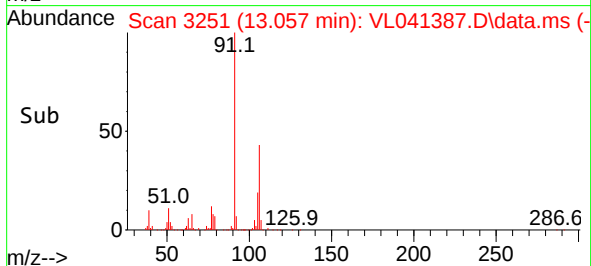
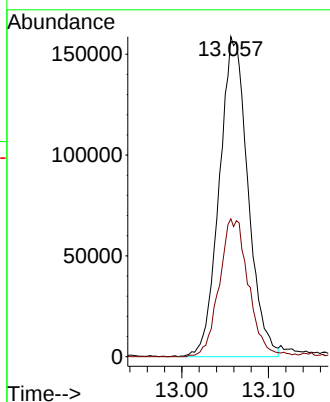
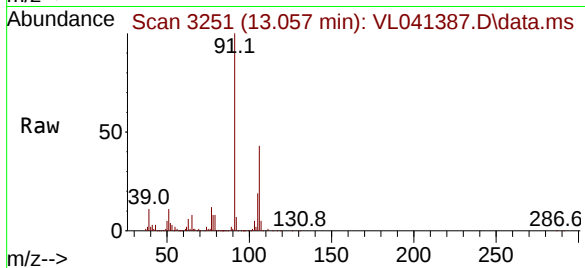
106 45.5 23.3 69.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#61

Styrene

Concen: 0.154 ppbv m

RT: 12.899 min Scan# 3202

Delta R.T. 0.000 min

Lab File: VL041387.D

Acq: 22 Jul 2024 15:26

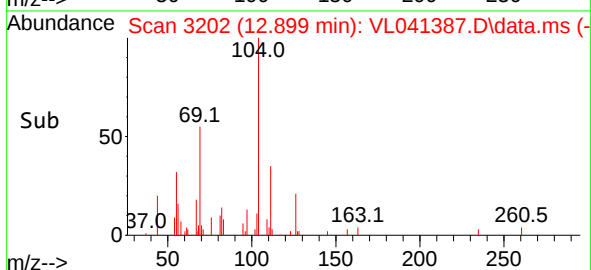
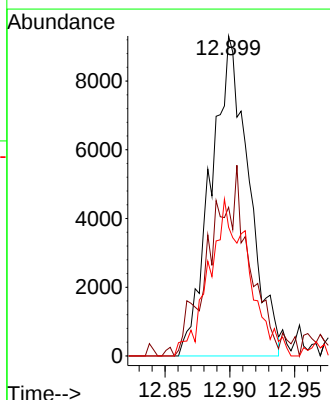
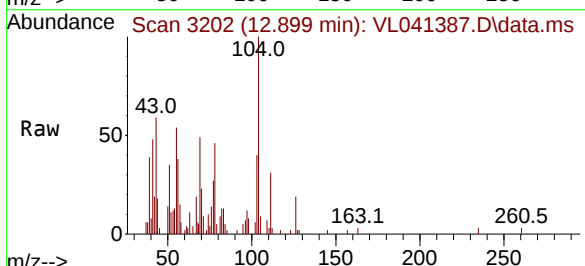
Tgt Ion:104 Resp: 18906

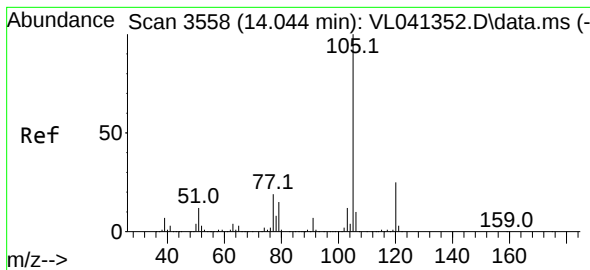
Ion Ratio Lower Upper

104 100

78 63.4 40.6 61.0#

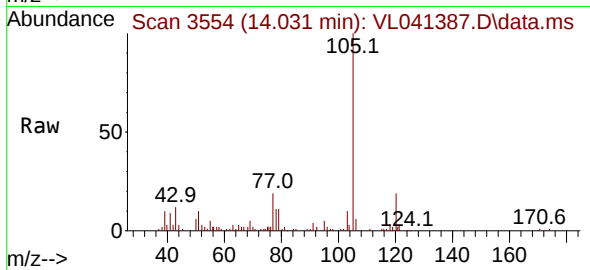
103 51.2 37.4 56.0





#62
Isopropylbenzene
Concen: 0.175 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.000 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

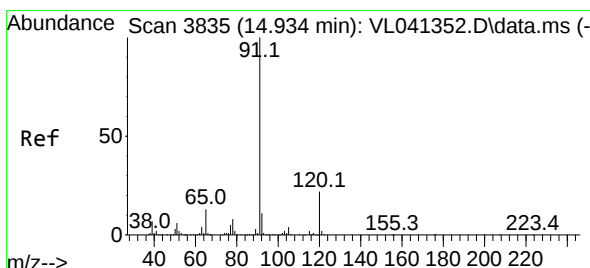
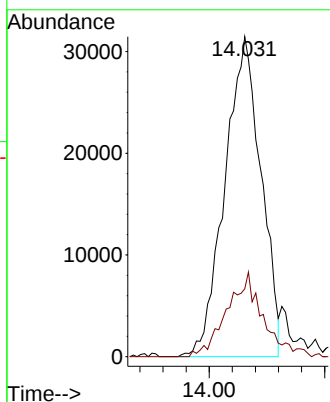
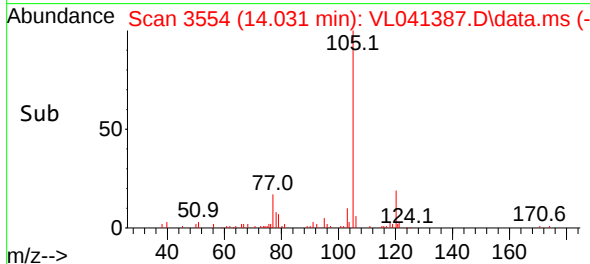
Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion:105 Resp: 6859
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3

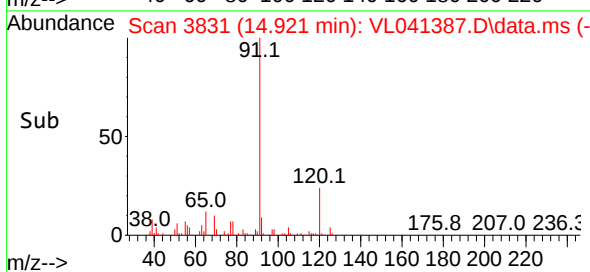
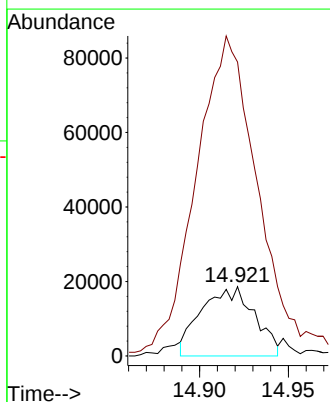
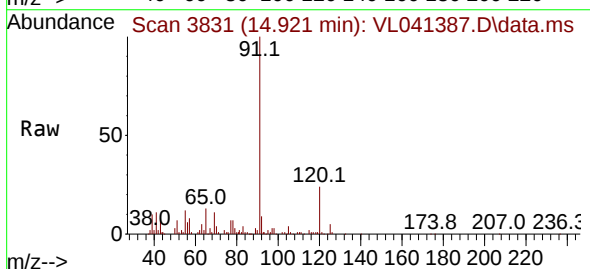
Manual Integrations
APPROVED

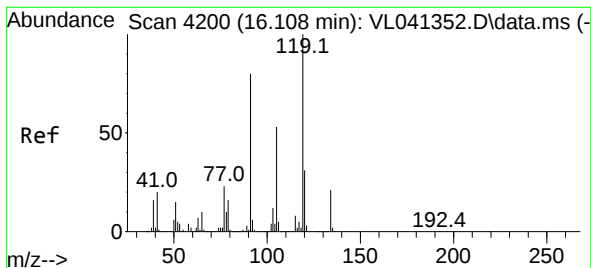
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#64
n-propylbenzene
Concen: 0.377 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. 0.007 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Tgt Ion:120 Resp: 38465
Ion Ratio Lower Upper
120 100
91 0.0 378.4 567.6#





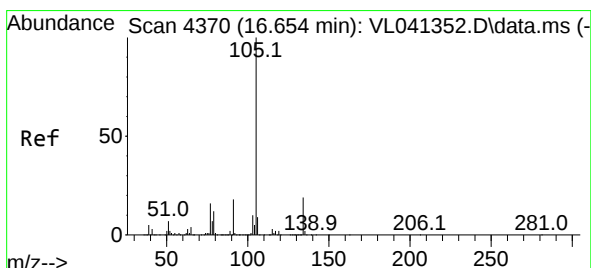
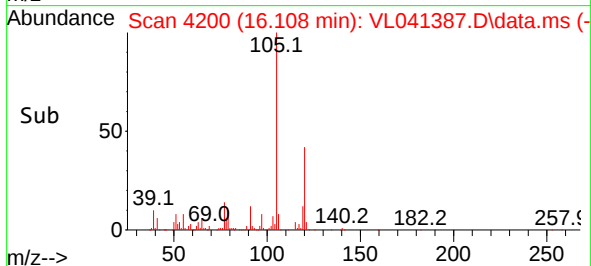
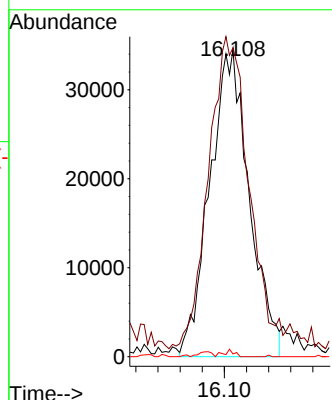
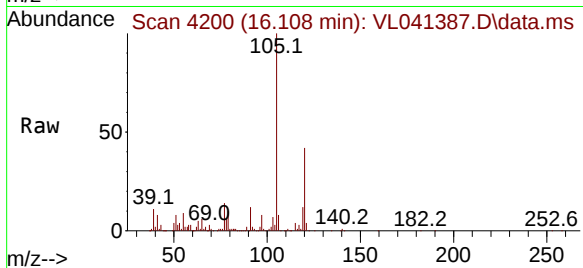
#65
tert-Butylbenzene
Concen: 0.246 ppbv m
RT: 16.108 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:119 Resp: 8560
Ion Ratio Lower Upper
119 100
91 117.0 65.8 98.6
134 0.0 15.7 23.5

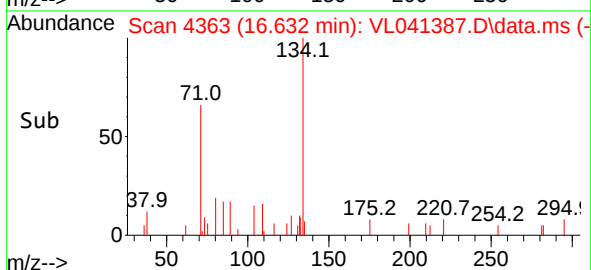
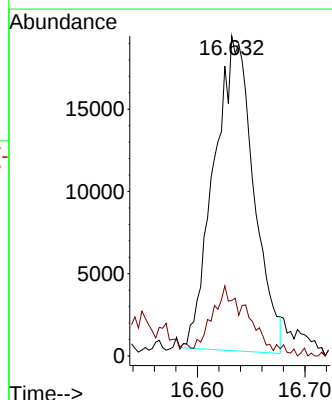
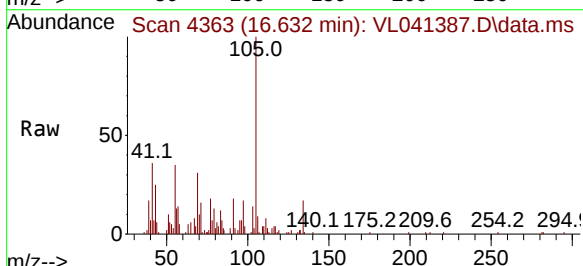
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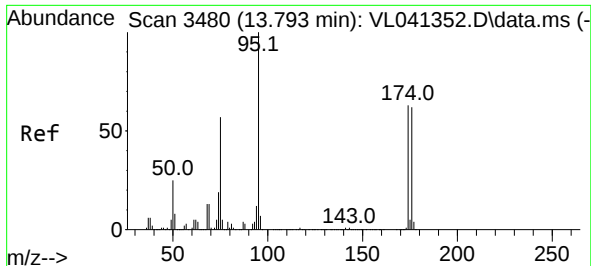
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#67
sec-Butylbenzene
Concen: 0.100 ppbv
RT: 16.632 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

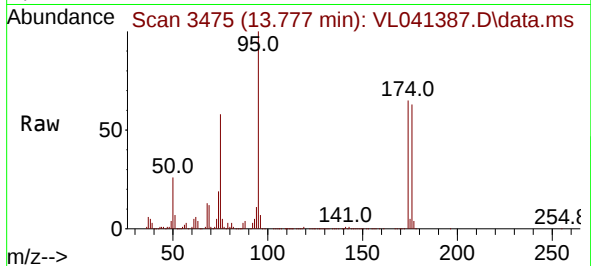
Tgt Ion:105 Resp: 49212
Ion Ratio Lower Upper
105 100
134 22.2 14.2 21.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.077 ppbv
RT: 13.777 min Scan# 3480
Delta R.T. 0.000 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

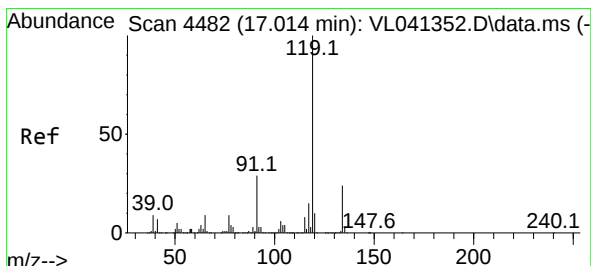
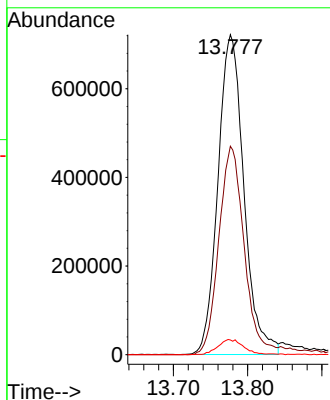
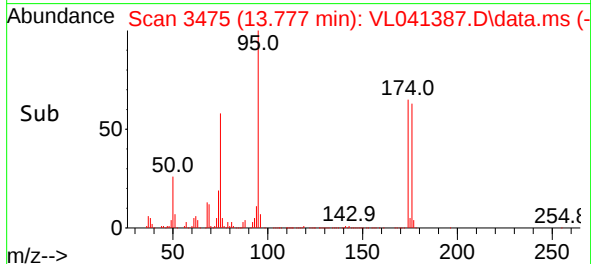
Instrument :
MSVOA_L
ClientSampleId :
IA2



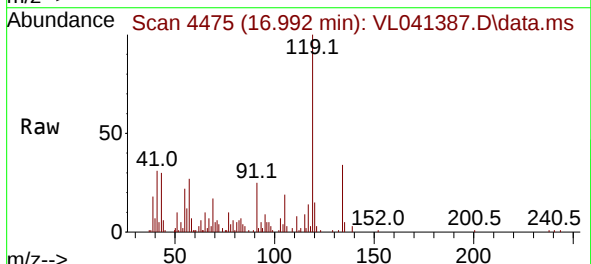
Tgt Ion: 95 Resp: 175129
Ion Ratio Lower Upper
95 100
174 66.8 53.1 79.7
175 4.8 4.0 6.0

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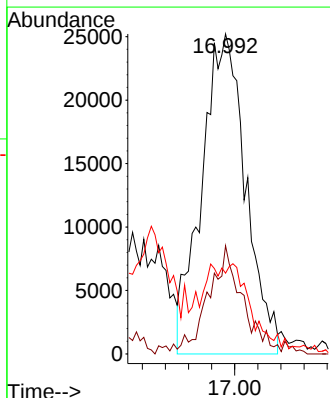
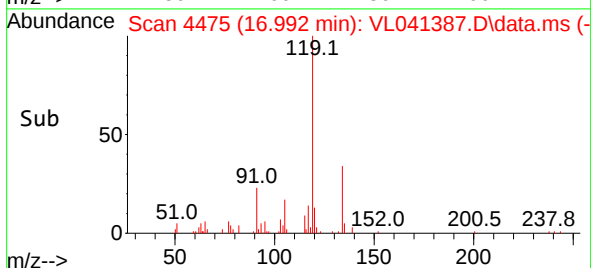
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

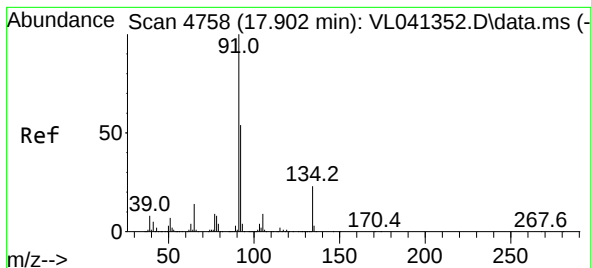


#69
p-Isopropyltoluene
Concen: 0.164 ppbv m
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26



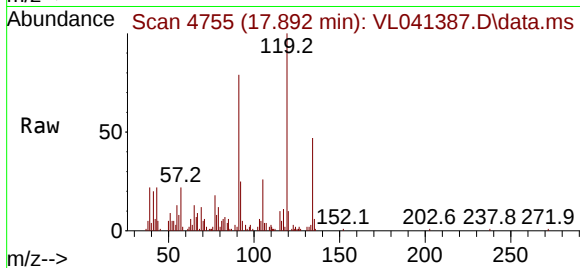
Tgt Ion:119 Resp: 66857
Ion Ratio Lower Upper
119 100
134 27.7 20.0 30.0
91 30.6 23.7 35.5





#70
n-Butylbenzene
Concen: 0.136 ppbv m
RT: 17.892 min Scan# 4755
Delta R.T. 0.010 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

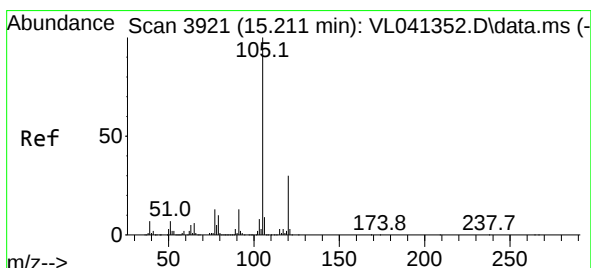
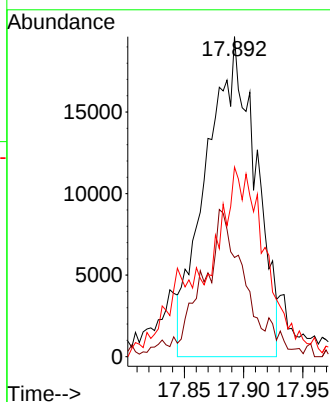
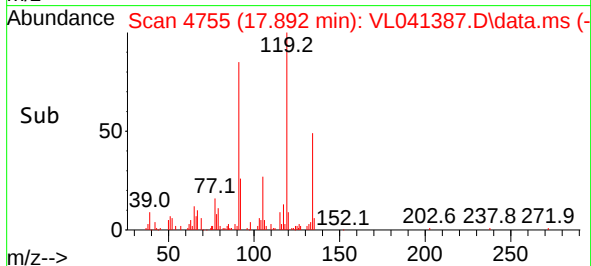
Instrument :
MSVOA_L
ClientSampleId :
IA2



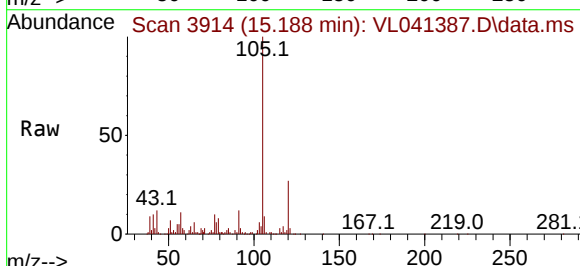
Tgt Ion: 91 Resp: 56709
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.6
134 77.5 18.0 27.0

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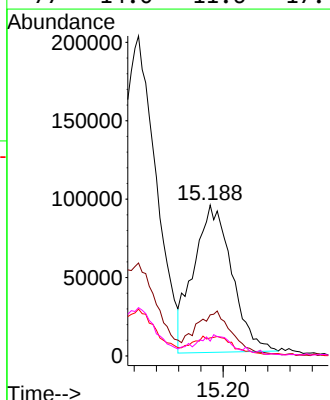
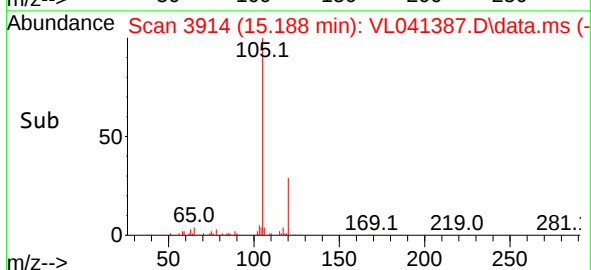
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

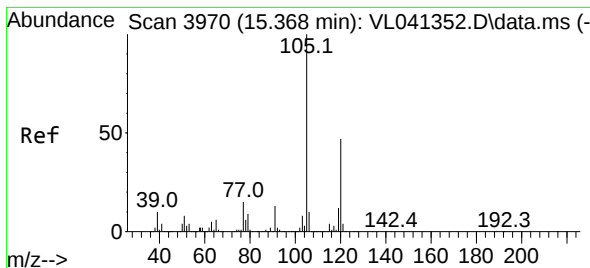


#72
4-Ethyltoluene
Concen: 0.741 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26



Tgt Ion:105 Resp: 223560
Ion Ratio Lower Upper
105 100
120 31.2 24.2 36.4
91 13.9 10.2 15.2
77 14.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 1.089 ppbv

RT: 15.352 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL041387.D

Acq: 22 Jul 2024 15:26

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion:105 Resp: 281214

Ion Ratio Lower Upper

105 100

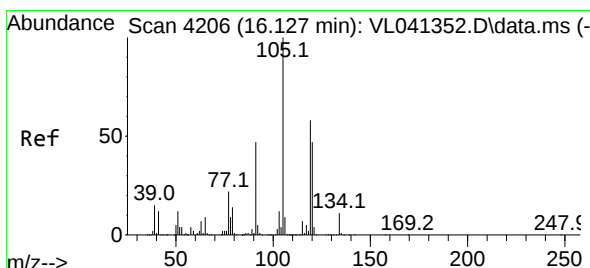
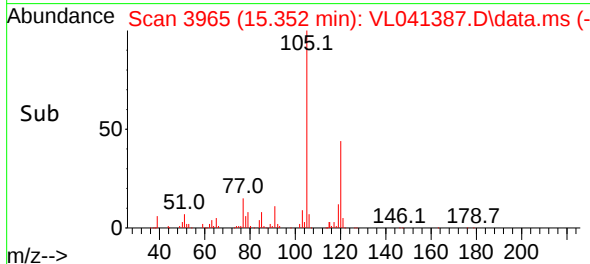
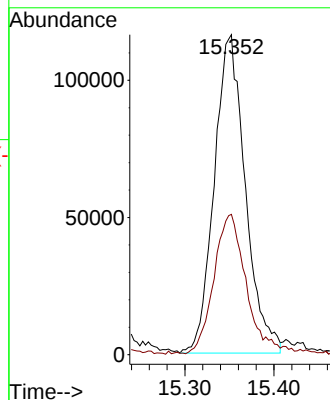
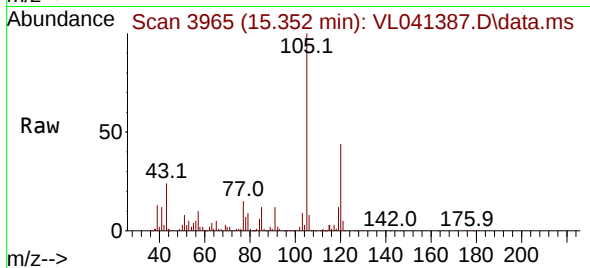
120 43.6 37.3 55.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#74

1,2,4-Trimethylbenzene

Concen: 2.616 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041387.D

Acq: 22 Jul 2024 15:26

Tgt Ion:105 Resp: 761599

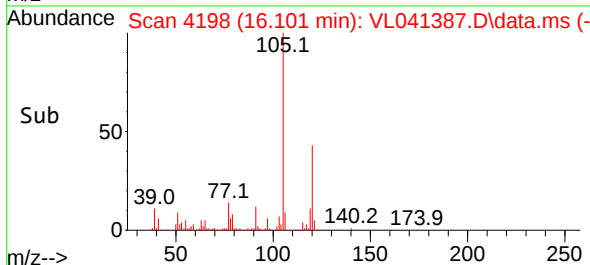
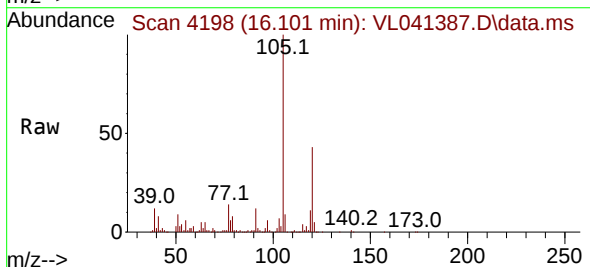
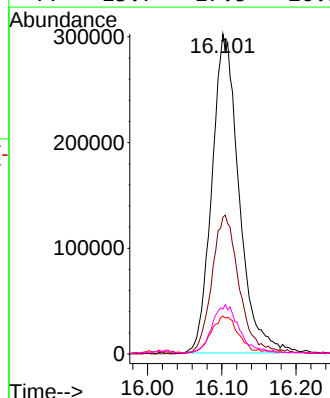
Ion Ratio Lower Upper

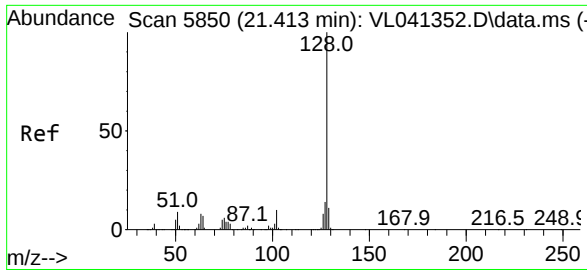
105 100

120 42.7 37.8 56.8

91 11.4 38.0 57.0#

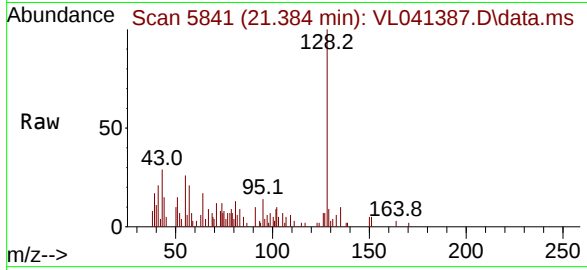
77 13.7 17.5 26.3#





#79
Naphthalene
Concen: 0.132 ppbv m
RT: 21.384 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL041387.D
Acq: 22 Jul 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
IA2



Tgt Ion:	128	Resp:	2060
Ion Ratio	Lower	Upper	
128	100		
127	7.0	10.8	16.2
129	9.2	9.0	13.4

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

