

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041385.D
 Acq On : 22 Jul 2024 14:03
 Operator : SY/MD
 Sample : P3259-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 03:14:59 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	5.234	49	864098	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.677	114	2438879	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2298602	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1744815	10.128	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.722	85	102903	0.698	ppbv	95
3) Chlorodifluoromethane	2.664	51	37956m	0.255	ppbv	
4) Chloromethane	2.803	50	55781m	0.980	ppbv	
9) Propene	2.693	41	114395m	2.219	ppbv	
10) Heptane	7.526	43	1296398m	10.705	ppbv	
11) Trichlorofluoromethane	3.539	101	589891m	4.110	ppbv	
13) Ethanol	3.291	45	10002406	874.518	ppbv	83
15) Acetone	3.459	43	70713013m	619.623	ppbv	
17) tert-Butyl alcohol	3.915	59	158830m	1.804	ppbv	
19) Isopropyl Alcohol	3.616	45	13196170	210.634	ppbv #	94
20) Methylene Chloride	3.967	84	492635	11.897	ppbv	99
23) Vinyl Acetate	4.652	43	373158m	3.317	ppbv	
25) Ethyl Acetate	5.230	43	22664451	107.852	ppbv #	57
26) Hexane	5.205	57	494420m	5.313	ppbv	
29) Chloroform	5.314	83	15994	0.111	ppbv	97
32) 1,1,1-Trichloroethane	6.024	97	144808	0.961	ppbv	98
34) 2-Butanone	4.819	43	342281	2.660	ppbv	97
35) Carbon Tetrachloride	6.513	117	9837m	0.061	ppbv	
36) Benzene	6.401	78	71517m	0.354	ppbv	
37) 1,2-Dichloroethane	5.838	62	14761	0.127	ppbv #	92
44) 2,2,4-Trimethylpentane	7.327	57	45941m	0.134	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	35874m	0.174	ppbv	
53) Toluene	9.230	91	2390825	10.502	ppbv	99
58) Ethyl Benzene	12.095	91	146240	0.476	ppbv	94
59) m/p-Xylene	12.346	91	624985	2.348	ppbv	97
60) o-Xylene	13.060	91	298587	1.189	ppbv	96
61) Styrene	12.899	104	16317m	0.134	ppbv	
62) Isopropylbenzene	14.031	105	59048	0.152	ppbv	98
64) n-propylbenzene	14.915	120	37378	0.369	ppbv	91
65) tert-Butylbenzene	16.104	119	85266m	0.247	ppbv	
69) p-Isopropyltoluene	16.995	119	67936m	0.168	ppbv	
70) n-Butylbenzene	17.889	91	54289m	0.132	ppbv	
72) 4-Ethyltoluene	15.191	105	200405	0.670	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	249693	0.975	ppbv	96
74) 1,2,4-Trimethylbenzene	16.104	105	702754	2.435	ppbv #	72
79) Naphthalene	21.390	128	39245m	0.253	ppbv	

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

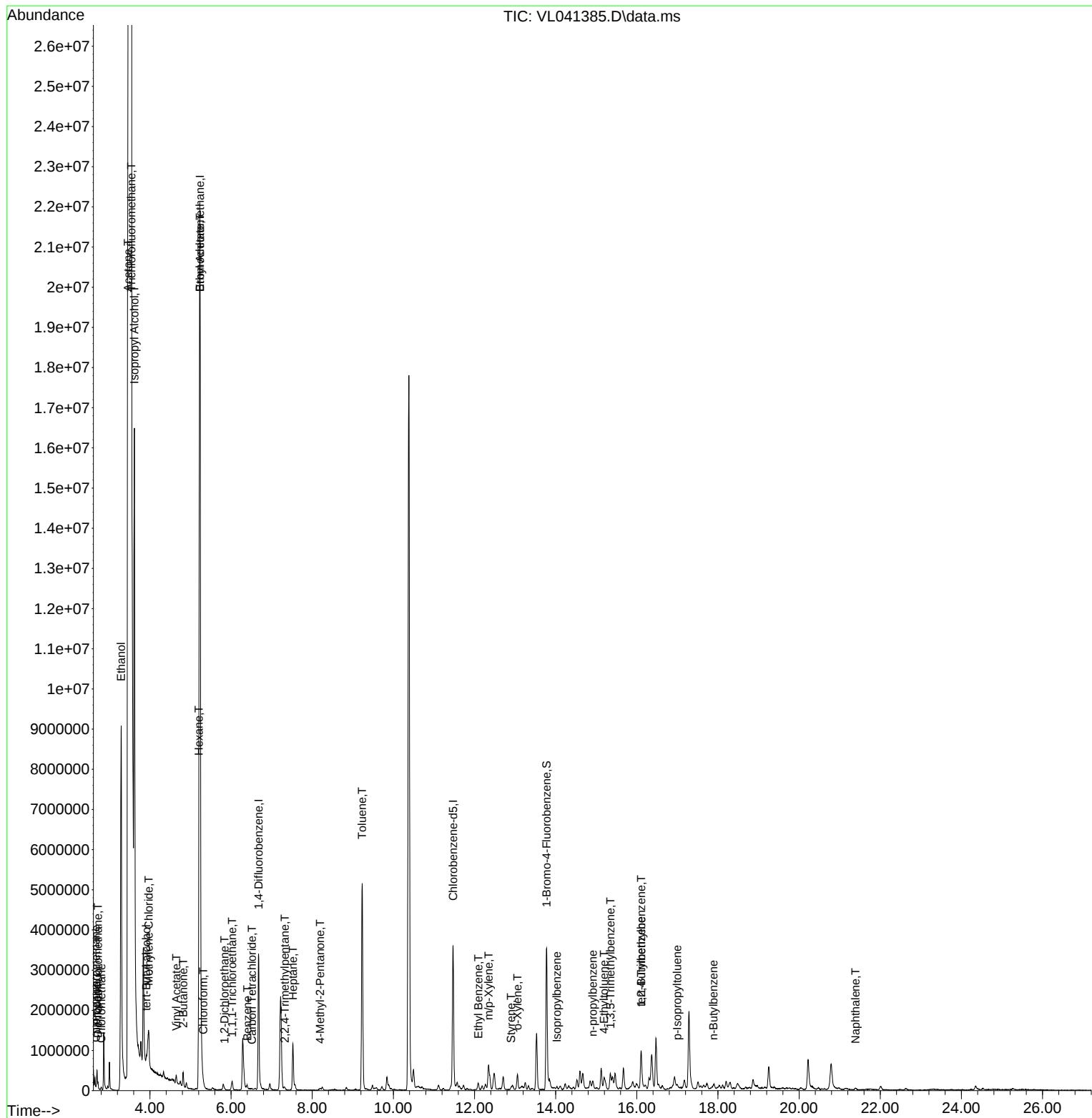
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041385.D
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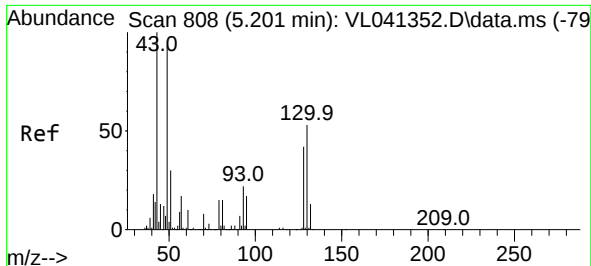
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Jul 23 03:14:59 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

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





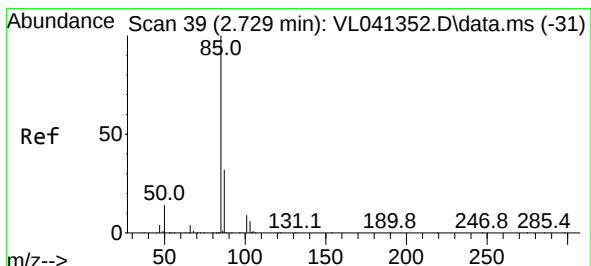
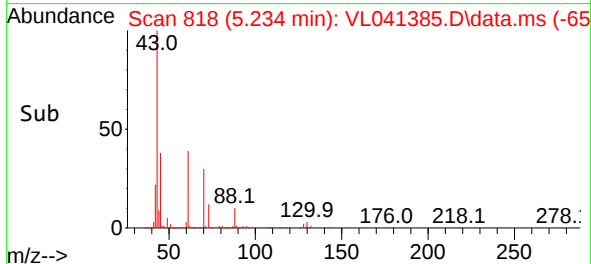
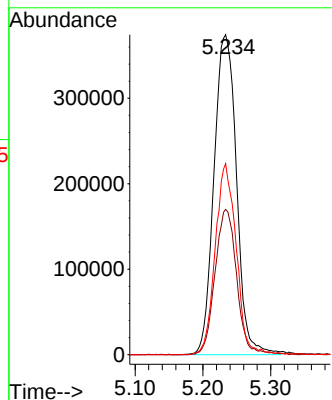
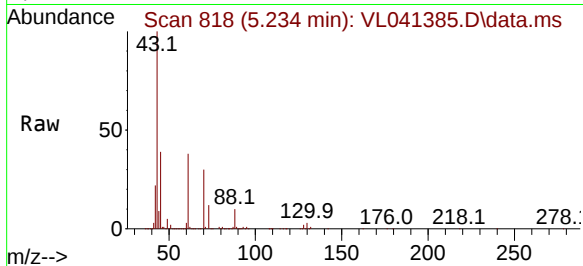
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.234 min Scan# 81
Delta R.T. 0.022 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 49 Resp: 864098
Ion Ratio Lower Upper
49 100
128 43.7 22.8 68.3
130 55.8 28.9 86.7

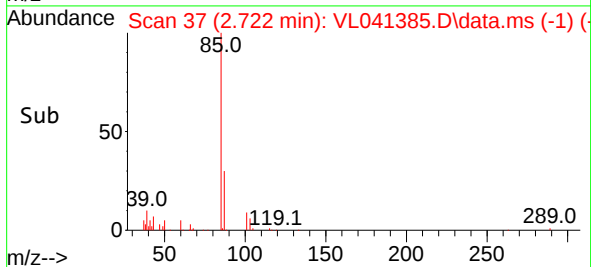
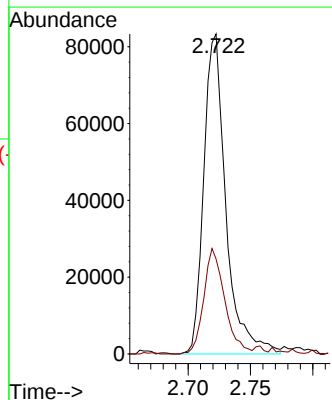
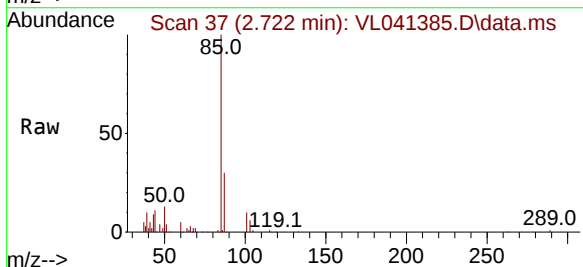
Manual Integrations
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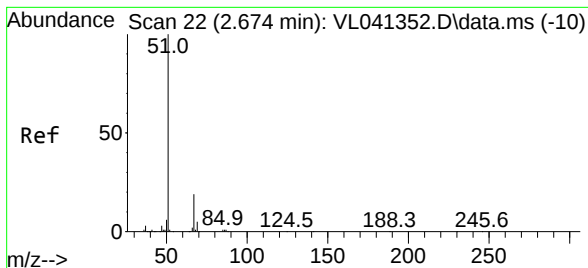
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#2
Dichlorodifluoromethane
Concen: 0.698 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.051 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Tgt Ion: 85 Resp: 102903
Ion Ratio Lower Upper
85 100
87 29.7 25.9 38.9





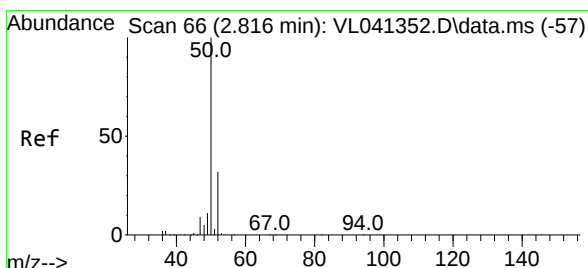
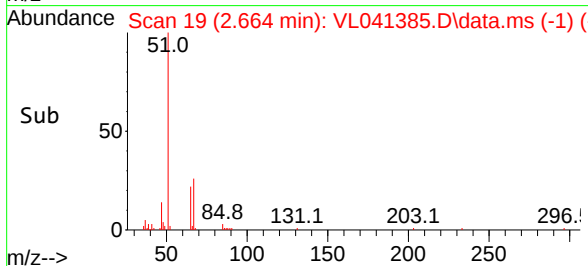
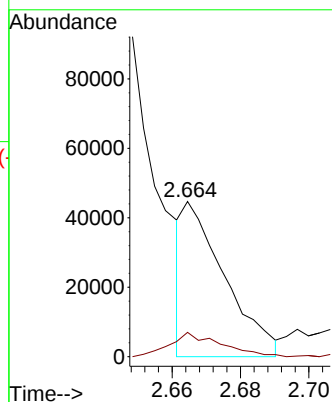
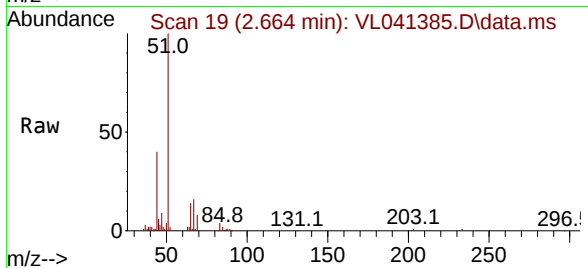
#3
Chlorodifluoromethane
Concen: 0.255 ppbv m
RT: 2.664 min Scan# 19
Delta R.T. -0.055 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 37950
Ion Ratio Lower Upper
51 100
67 1.3 14.3 21.5

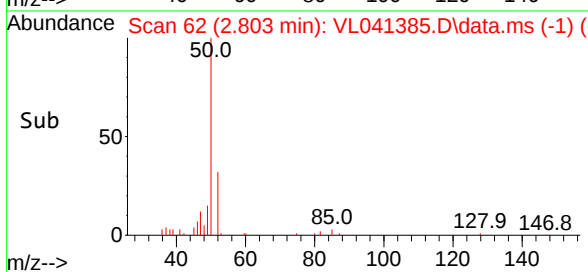
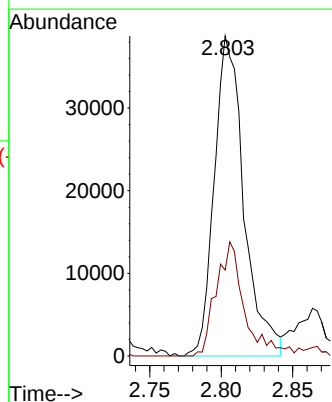
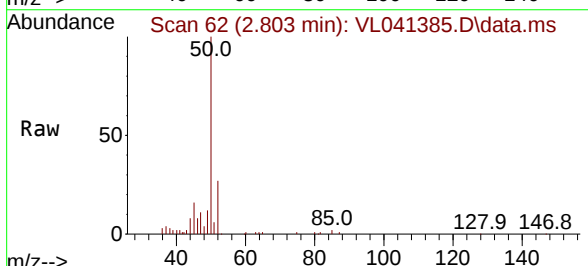
Manual Integrations
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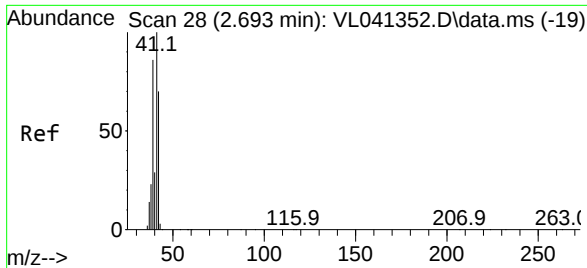
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#4
Chloromethane
Concen: 0.980 ppbv m
RT: 2.803 min Scan# 62
Delta R.T. -0.051 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

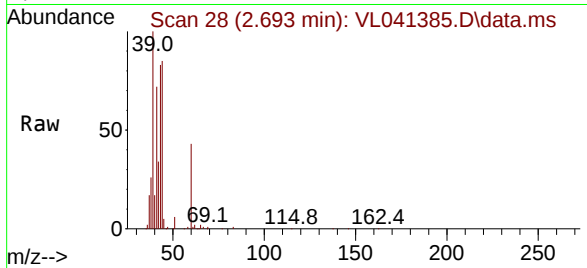
Tgt Ion: 50 Resp: 55781
Ion Ratio Lower Upper
50 100
52 26.8 25.6 38.4





#9
 Propene
 Concen: 2.219 ppbv m
 RT: 2.693 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

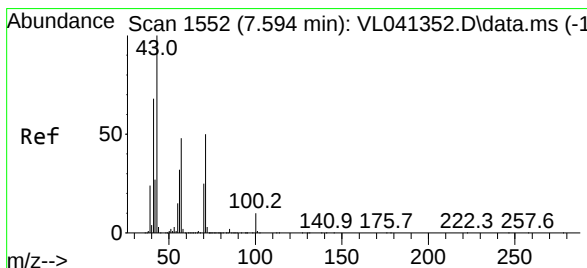
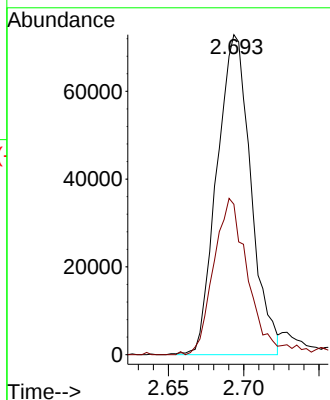
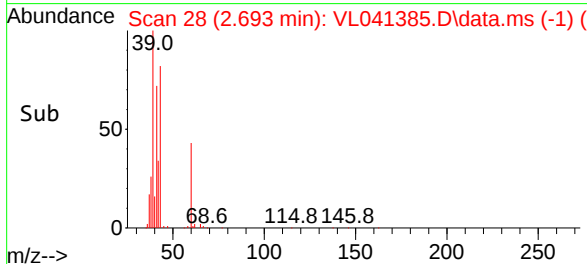
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 41 Resp: 114398
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.8 83.8

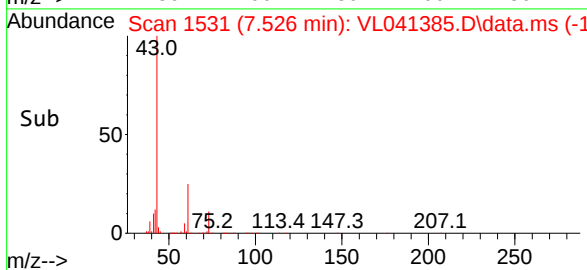
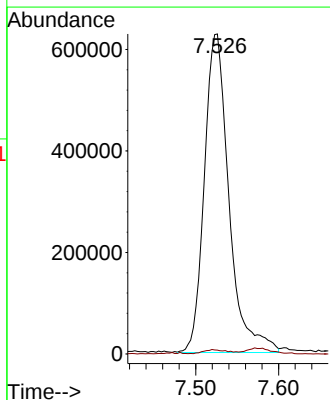
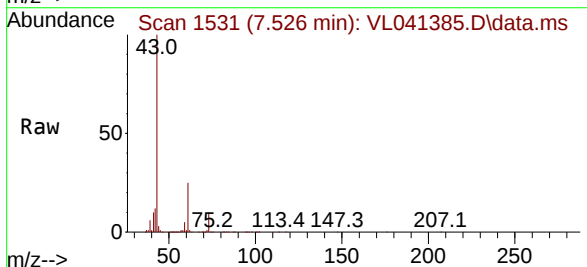
Manual Integrations
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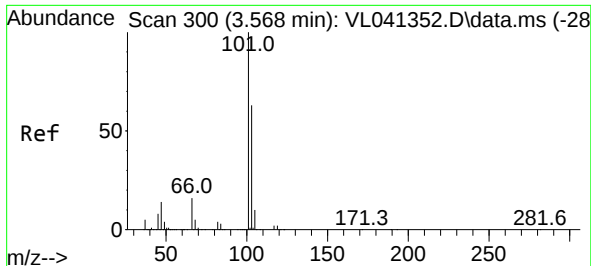
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#10
 Heptane
 Concen: 10.705 ppbv m
 RT: 7.526 min Scan# 1531
 Delta R.T. -0.064 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

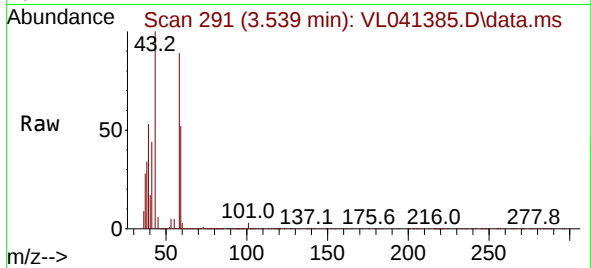
Tgt Ion: 43 Resp: 1296398
 Ion Ratio Lower Upper
 43 100
 57 2.0 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 4.110 ppbv m
 RT: 3.539 min Scan# 20
 Delta R.T. -0.055 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

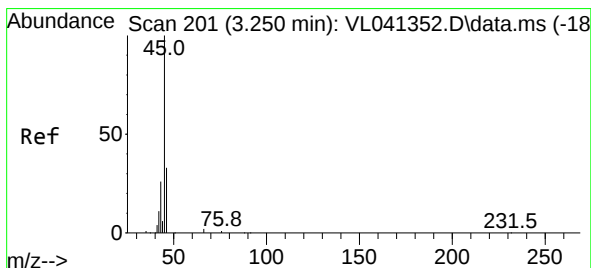
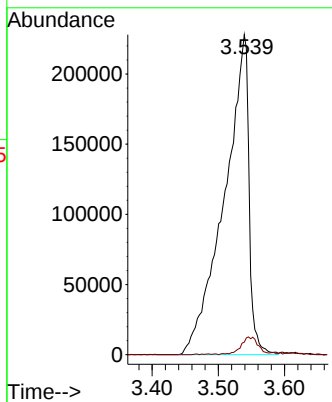
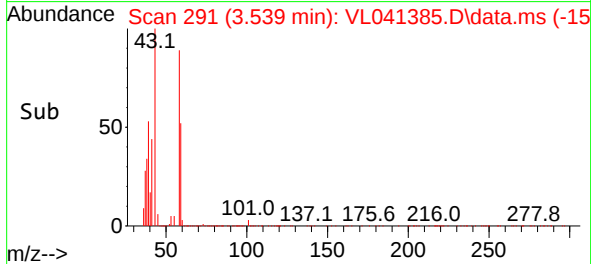
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion:101 Resp: 58989
 Ion Ratio Lower Upper
 101 100
 103 3.9 50.5 75.7

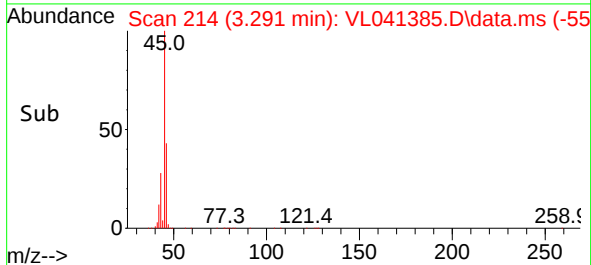
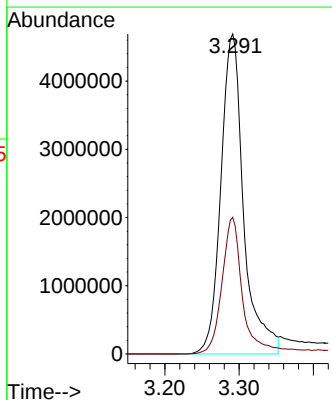
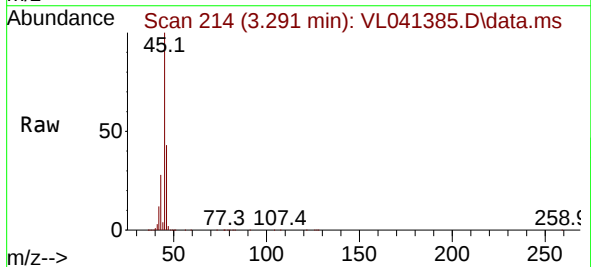
Manual Integrations
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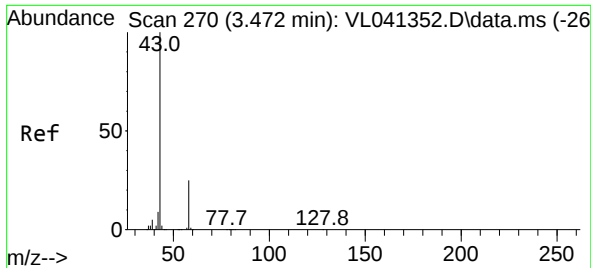
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#13
 Ethanol
 Concen: 874.518 ppbv
 RT: 3.291 min Scan# 214
 Delta R.T. 0.010 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

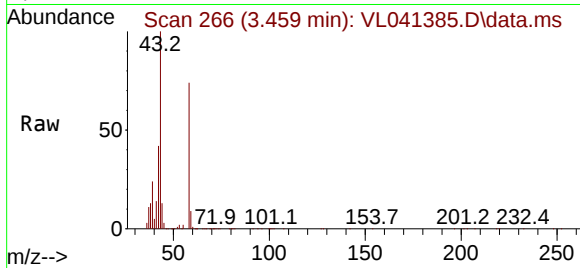
Tgt Ion: 45 Resp:10002406
 Ion Ratio Lower Upper
 45 100
 46 42.8 13.3 53.3





#15
Acetone
Concen: 619.623 ppbv m
RT: 3.459 min Scan# 201
Delta R.T. -0.042 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

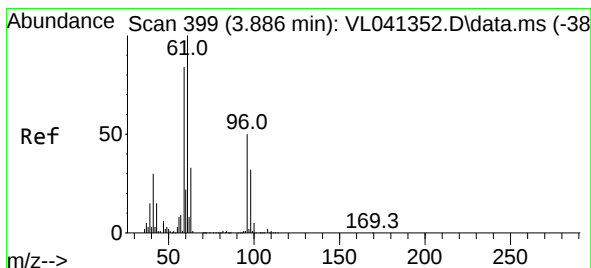
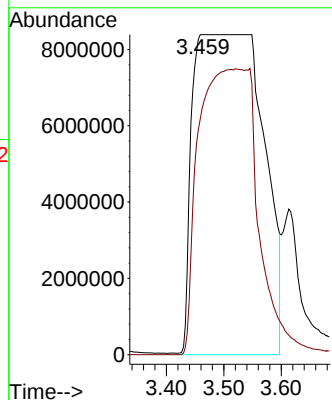
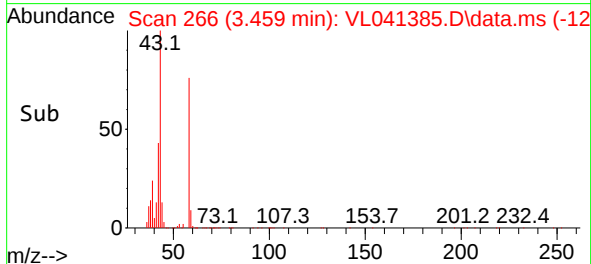
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 7071301
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5

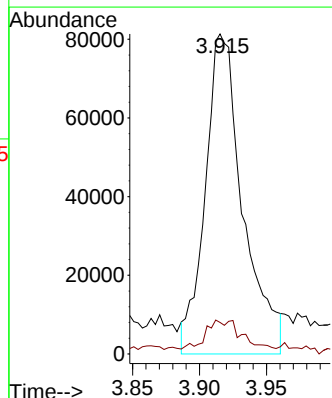
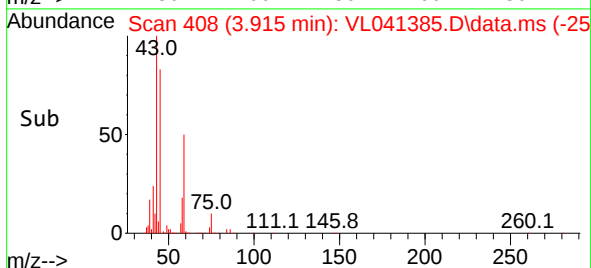
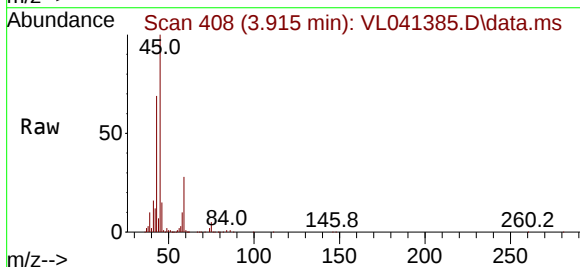
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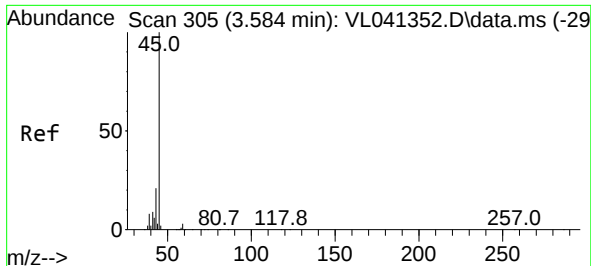
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#17
tert-Butyl alcohol
Concen: 1.804 ppbv m
RT: 3.915 min Scan# 408
Delta R.T. 0.006 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

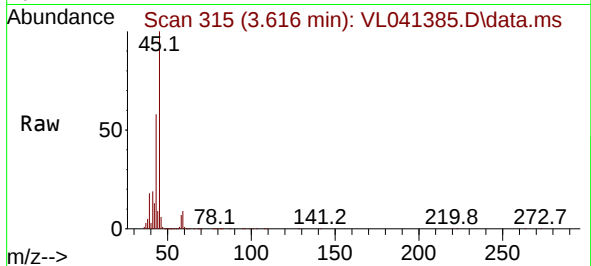
Tgt Ion: 59 Resp: 158830
Ion Ratio Lower Upper
59 100
57 67.5 8.4 12.6#





#19
Isopropyl Alcohol
Concen: 210.634 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.006 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

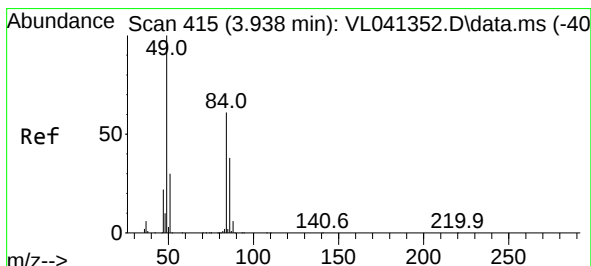
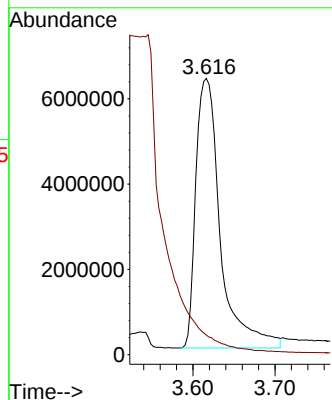
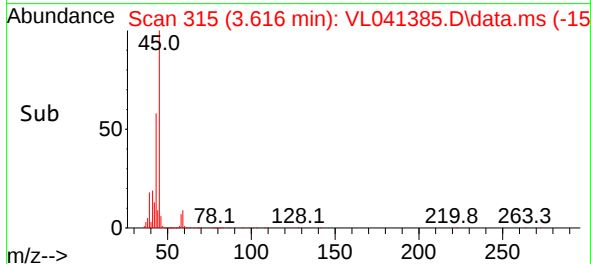
Instrument :
MSVOA_L
ClientSampleId :
IA1



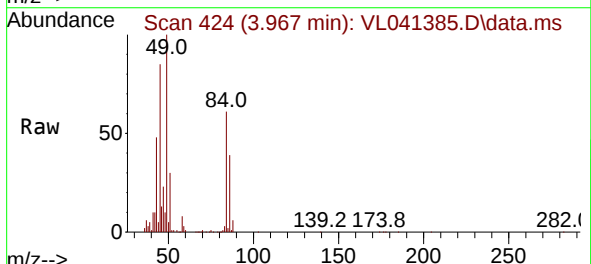
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Ion Ratio Lower Upper
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58 0.0 1.6 2.4

Manual Integrations
APPROVED

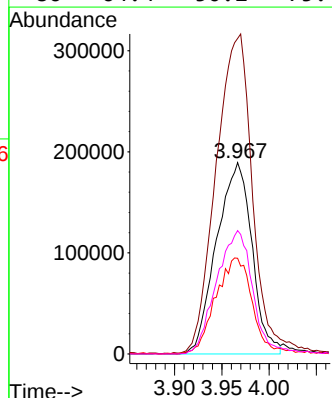
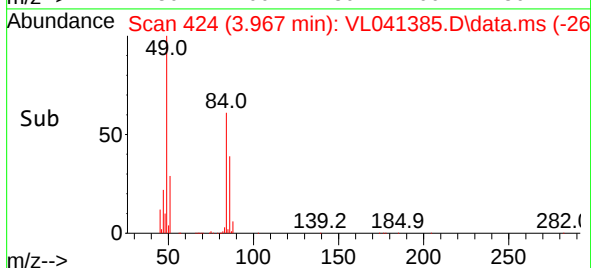
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

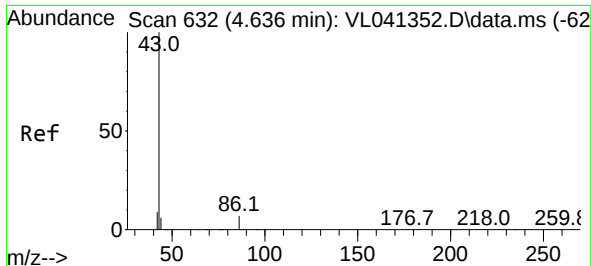


#20
Methylene Chloride
Concen: 11.897 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03



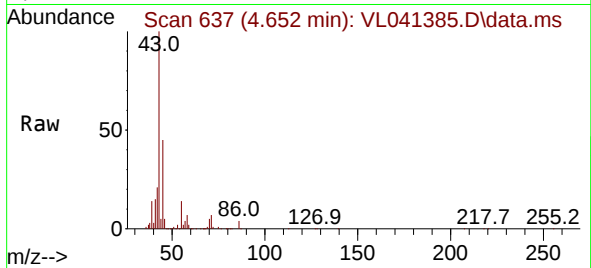
Tgt Ion: 84 Resp: 492635
Ion Ratio Lower Upper
84 100
49 164.5 131.8 197.6
51 49.5 39.6 59.4
86 64.4 50.2 75.4





#23
 Vinyl Acetate
 Concen: 3.317 ppbv m
 RT: 4.652 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

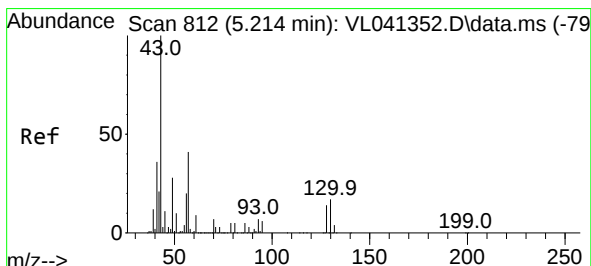
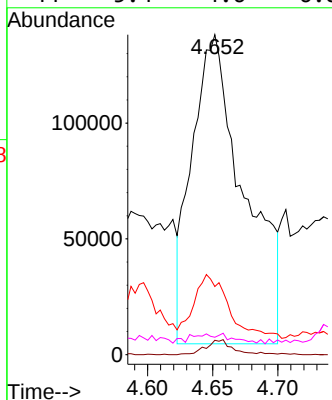
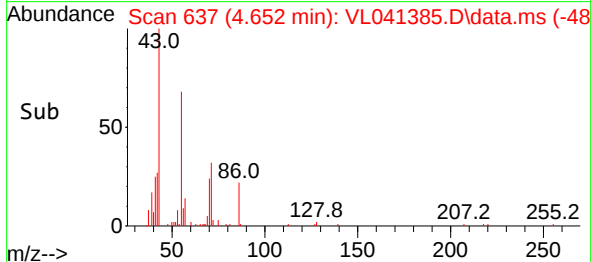
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 43 Resp: 373158
 Ion Ratio Lower Upper
 43 100
 86 4.5 5.0 7.4#
 42 21.3 7.9 11.9#
 44 5.4 4.6 6.8#

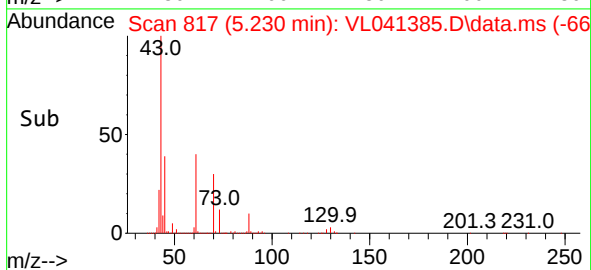
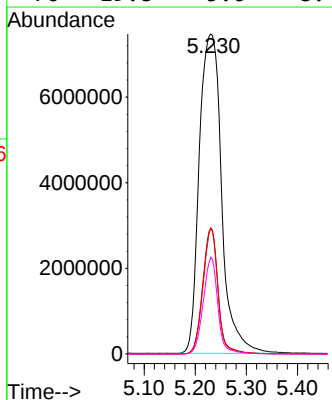
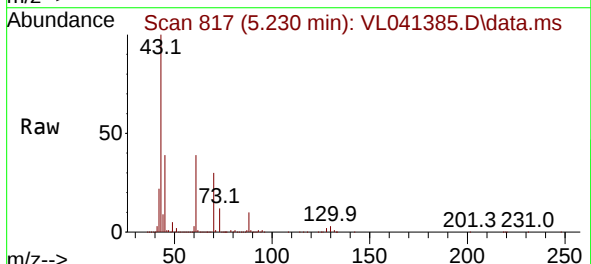
Manual Integrations
 APPROVED

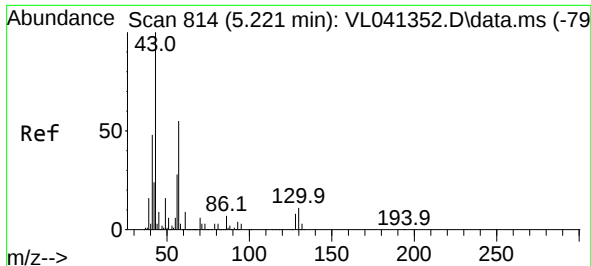
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#25
 Ethyl Acetate
 Concen: 107.852 ppbv
 RT: 5.230 min Scan# 817
 Delta R.T. 0.003 min
 Lab File: VL041385.D
 Acq: 22 Jul 2024 14:03

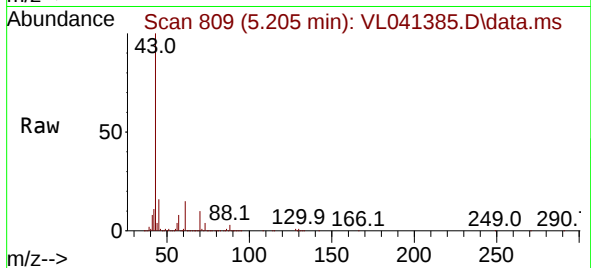
Tgt Ion: 43 Resp:22664451
 Ion Ratio Lower Upper
 43 100
 45 27.2 8.3 12.5#
 61 26.3 7.7 11.5#
 70 19.8 5.6 8.4#





#26
Hexane
Concen: 5.313 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

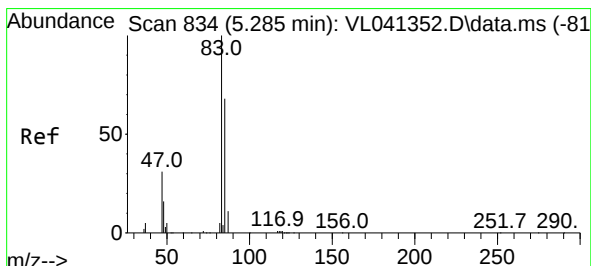
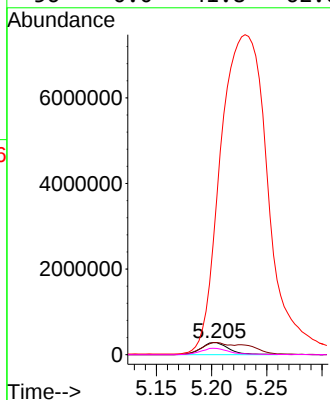
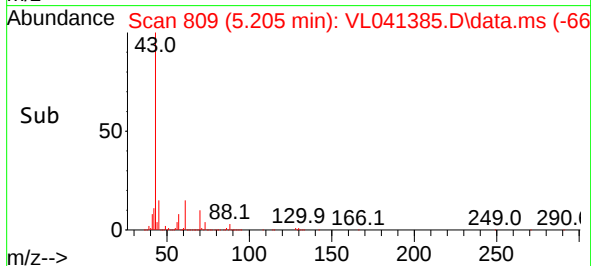
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 494420
Ion Ratio Lower Upper
57 100
41 0.0 73.7 110.5
43 0.0 182.2 273.2
56 0.0 41.8 62.6#

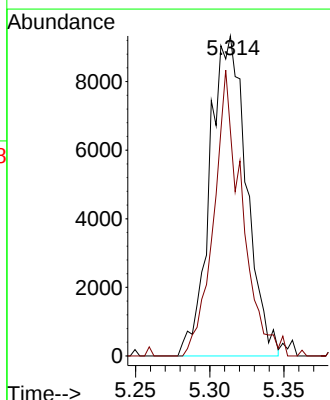
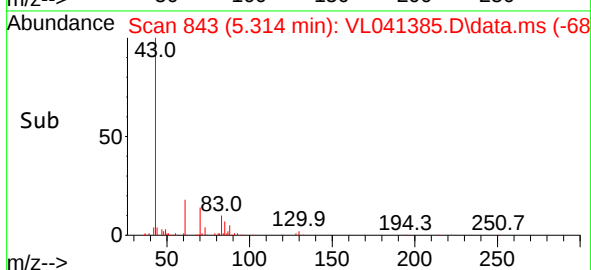
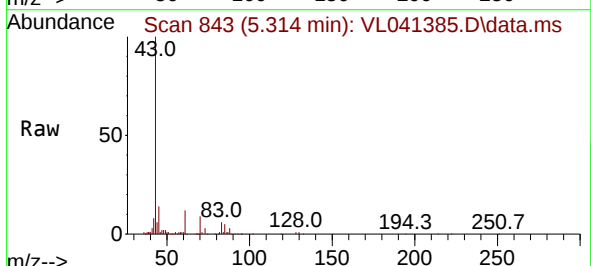
Manual Integrations
APPROVED

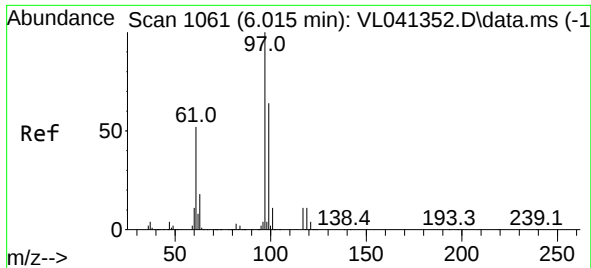
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#29
Chloroform
Concen: 0.111 ppbv
RT: 5.314 min Scan# 843
Delta R.T. 0.019 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

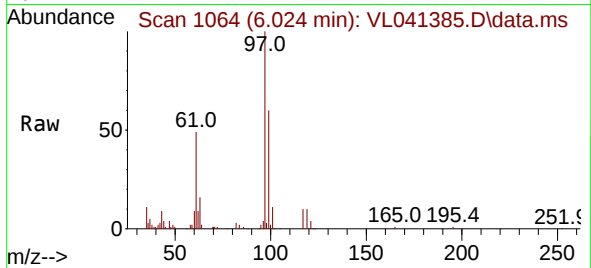
Tgt Ion: 83 Resp: 15994
Ion Ratio Lower Upper
83 100
85 70.5 54.2 81.4





#32
1,1,1-Trichloroethane
Concen: 0.961 ppbv
RT: 6.024 min Scan# 1064
Delta R.T. 0.007 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

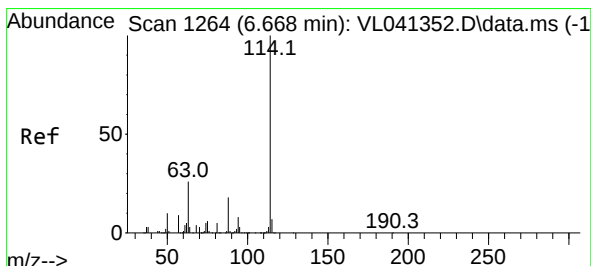
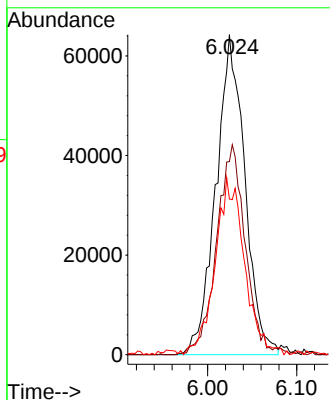
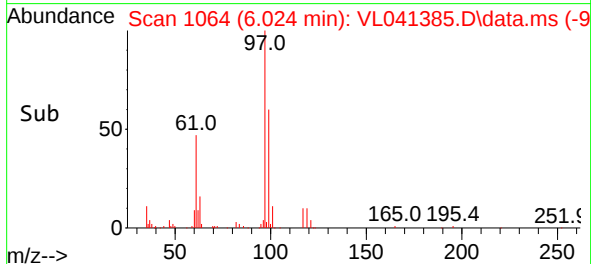
Instrument : MSVOA_L
ClientSampleId : IA1



Tgt Ion: 97 Resp: 144808
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 57.0 43.0 64.6

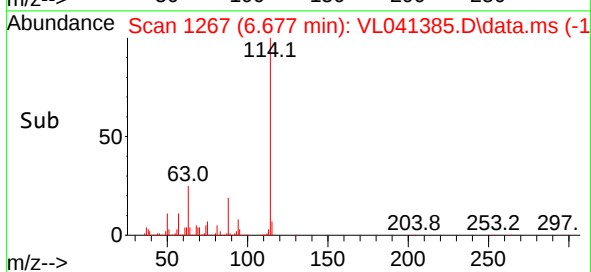
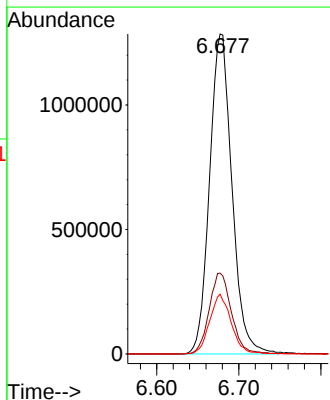
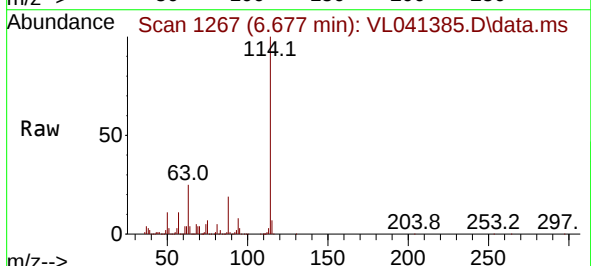
Manual Integrations
APPROVED

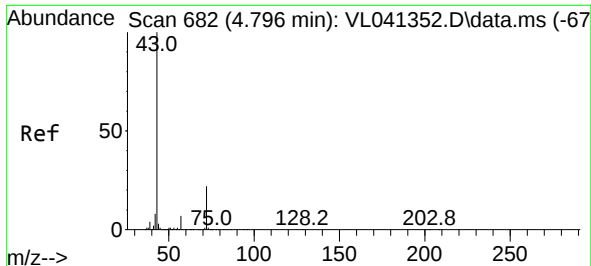
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. 0.010 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

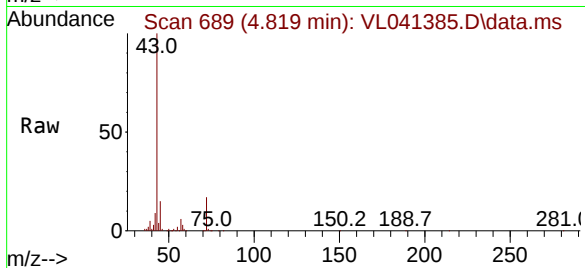
Tgt Ion:114 Resp: 2438879
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 18.0 14.6 21.8





#34
2-Butanone
Concen: 2.660 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.010 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

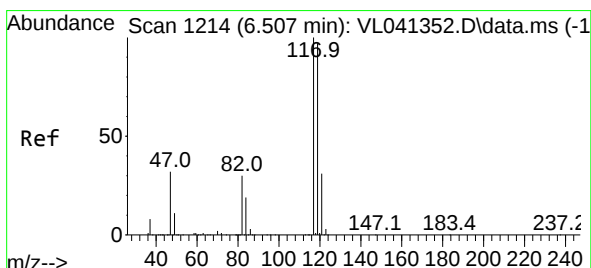
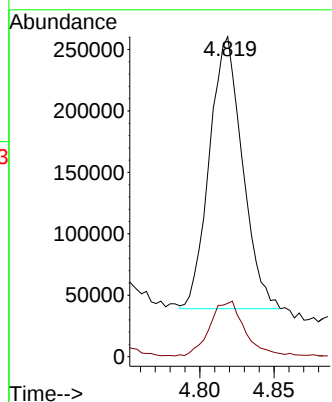
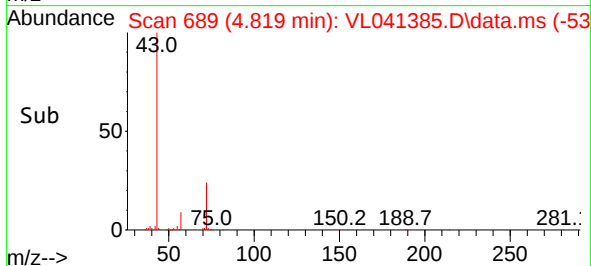
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 34228
Ion Ratio Lower Upper
43 100
72 23.1 17.2 25.8

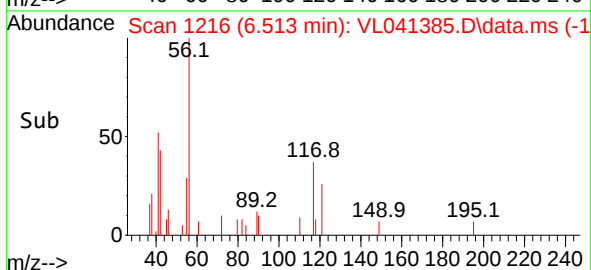
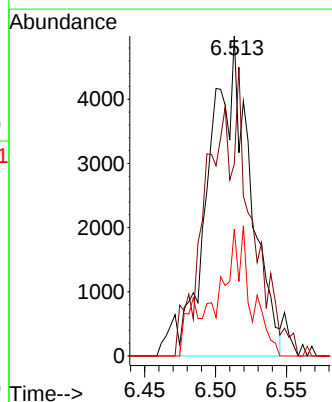
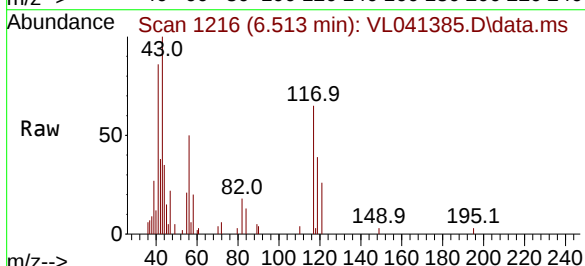
Manual Integrations
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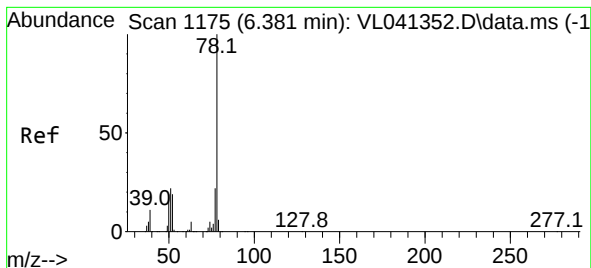
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#35
Carbon Tetrachloride
Concen: 0.061 ppbv m
RT: 6.513 min Scan# 1216
Delta R.T. 0.003 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Tgt Ion:117 Resp: 9837
Ion Ratio Lower Upper
117 100
119 60.0 77.2 115.8#
121 39.7 25.2 37.8#





#36

Benzene

Concen: 0.354 ppbv m

RT: 6.401 min Scan# 1175

Delta R.T. 0.013 min

Lab File: VL041385.D

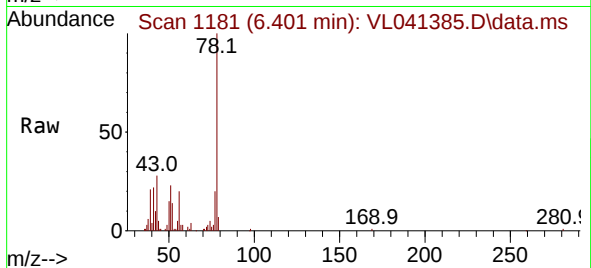
Acq: 22 Jul 2024 14:03

Instrument :

MSVOA_L

ClientSampleId :

IA1



Tgt Ion: 78 Resp: 7151

Ion Ratio Lower Upper

78 100

77 20.4 17.9 26.9

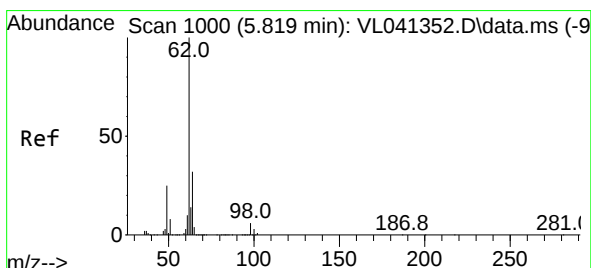
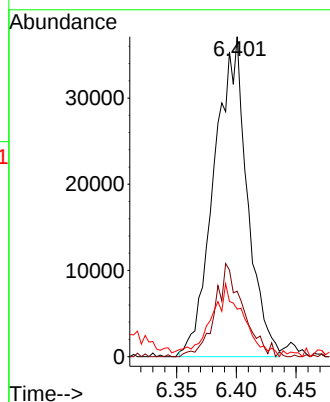
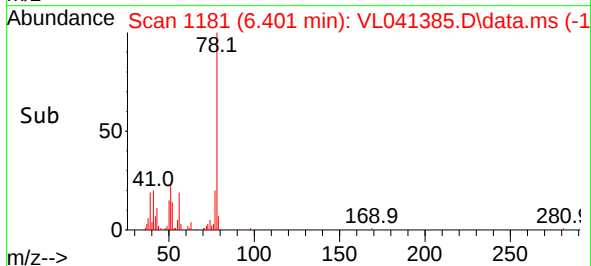
50 14.8 15.5 23.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#37

1,2-Dichloroethane

Concen: 0.127 ppbv

RT: 5.838 min Scan# 1006

Delta R.T. 0.013 min

Lab File: VL041385.D

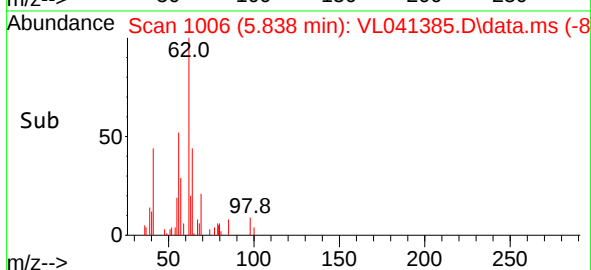
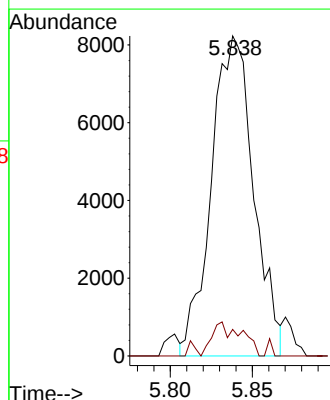
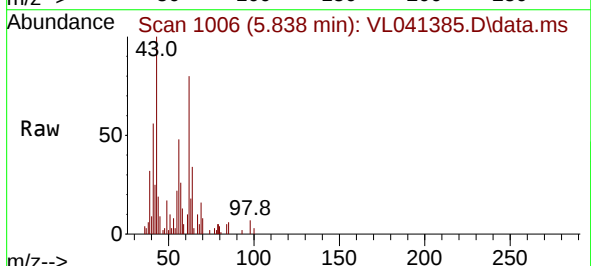
Acq: 22 Jul 2024 14:03

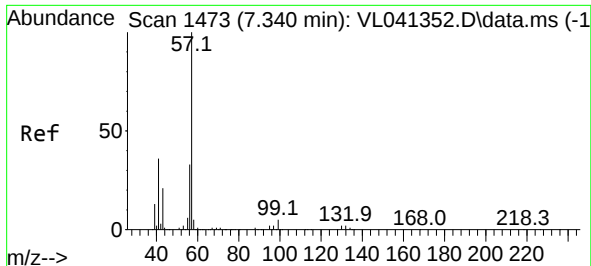
Tgt Ion: 62 Resp: 14761

Ion Ratio Lower Upper

62 100

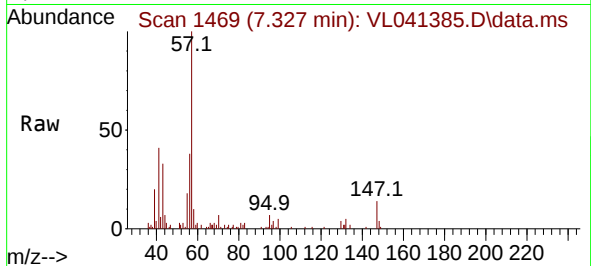
98 8.7 4.8 7.2





#44
2,2,4-Trimethylpentane
Concen: 0.134 ppbv m
RT: 7.327 min Scan# 1469
Delta R.T. -0.013 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

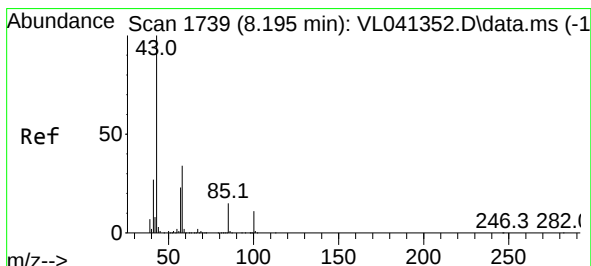
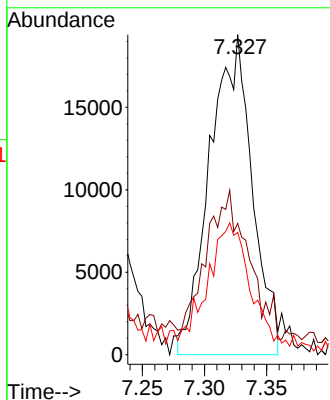
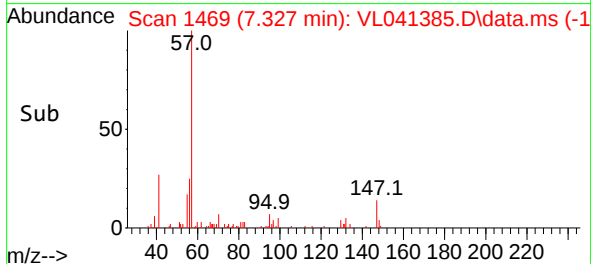
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 4594
Ion Ratio Lower Upper
57 100
41 0.0 29.6 44.4
56 0.0 25.7 38.5

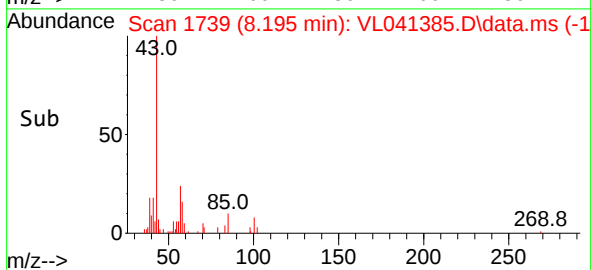
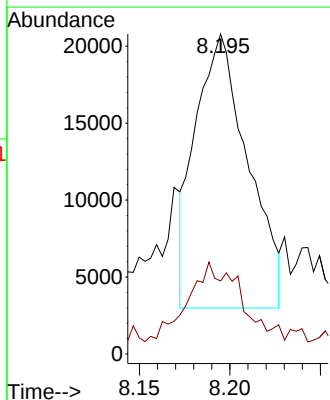
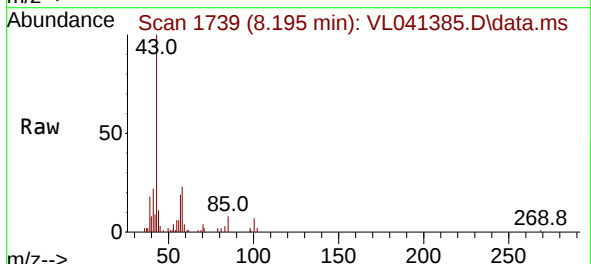
Manual Integrations
APPROVED

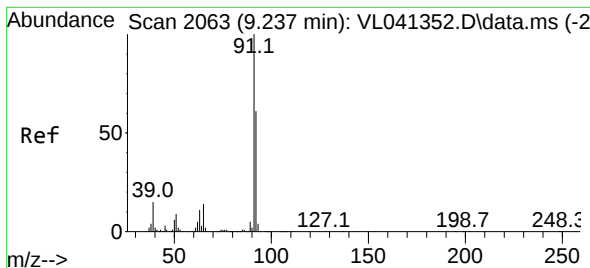
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#50
4-Methyl-2-Pentanone
Concen: 0.174 ppbv m
RT: 8.195 min Scan# 1739
Delta R.T. 0.007 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Tgt Ion: 43 Resp: 35874
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8





#53

Toluene

Concen: 10.502 ppbv

RT: 9.230 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VL041385.D

Acq: 22 Jul 2024 14:03

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 91 Resp: 239082

Ion Ratio Lower Upper

91 100

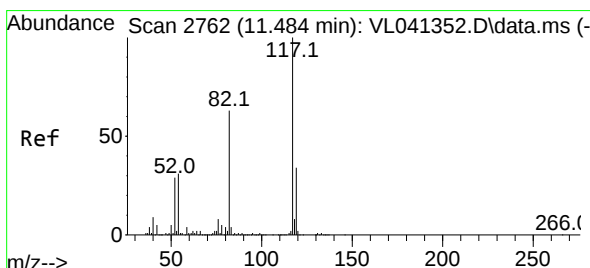
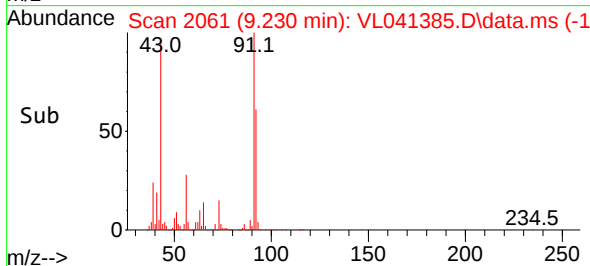
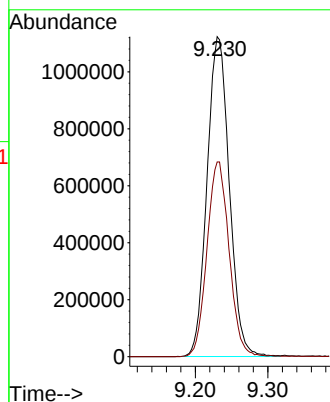
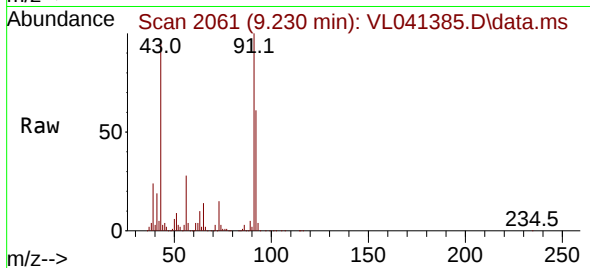
92 61.0 48.5 72.7

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: VL041385.D

Acq: 22 Jul 2024 14:03

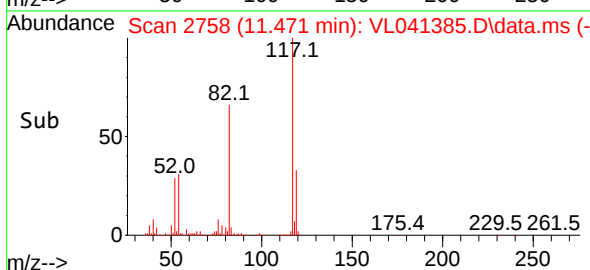
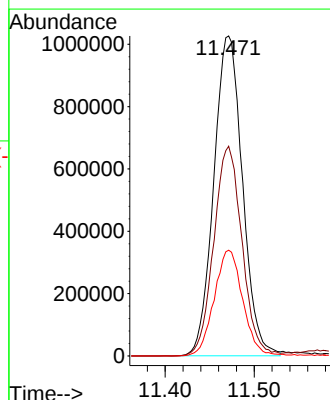
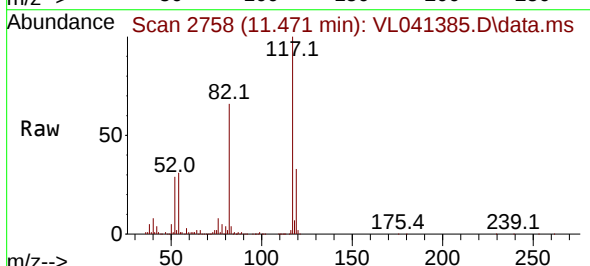
Tgt Ion:117 Resp: 2298602

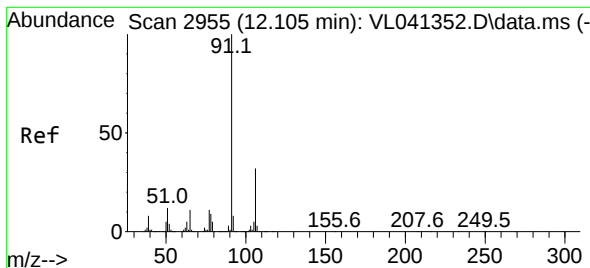
Ion Ratio Lower Upper

117 100

82 64.5 50.6 75.8

119 33.5 24.7 37.1





#58

Ethyl Benzene

Concen: 0.476 ppbv

RT: 12.095 min Scan# 2955

Delta R.T. 0.006 min

Lab File: VL041385.D

Acq: 22 Jul 2024 14:03

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 91 Resp: 146240

Ion Ratio Lower Upper

91 100

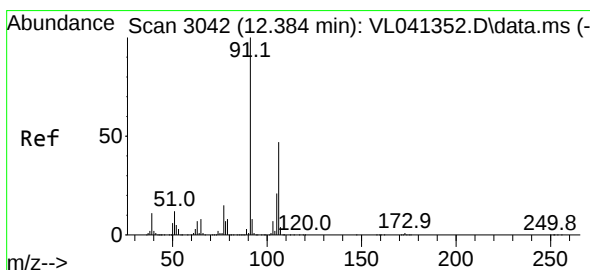
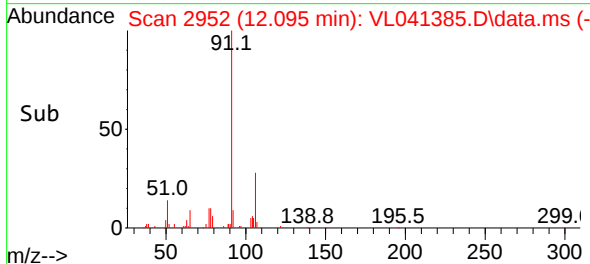
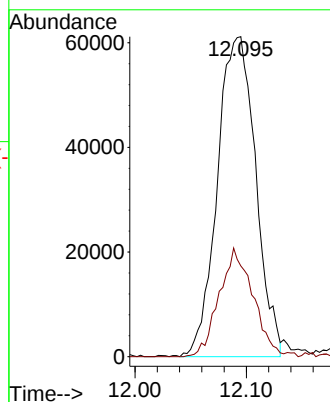
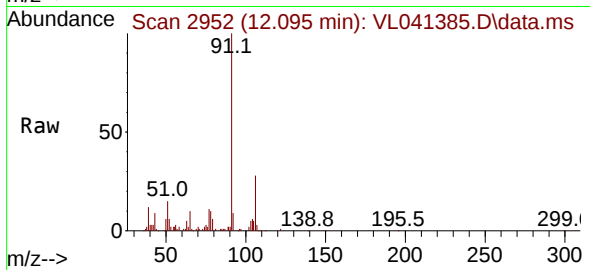
106 28.3 25.4 38.0

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: 2.348 ppbv

RT: 12.346 min Scan# 3030

Delta R.T. -0.026 min

Lab File: VL041385.D

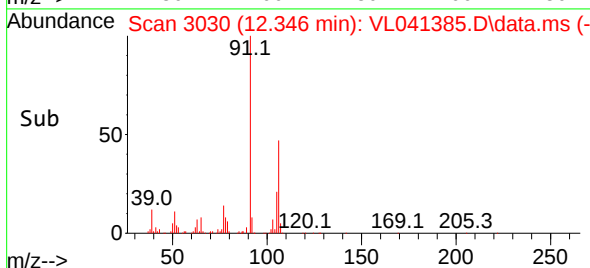
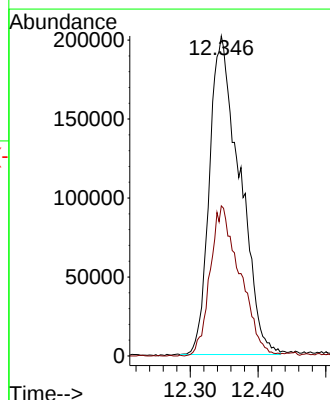
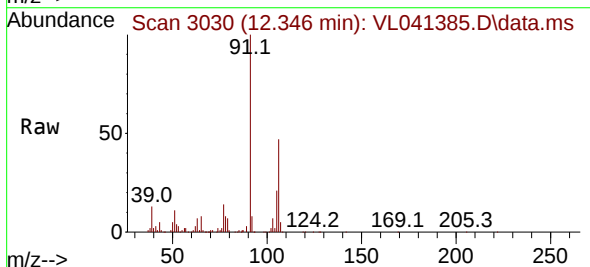
Acq: 22 Jul 2024 14:03

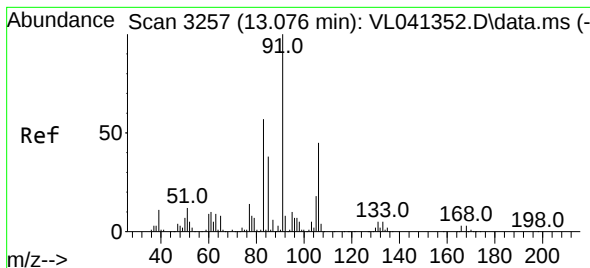
Tgt Ion: 91 Resp: 624985

Ion Ratio Lower Upper

91 100

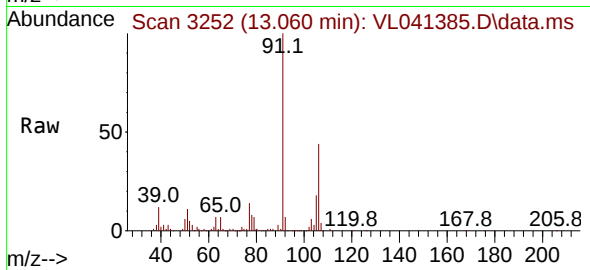
106 46.6 35.6 53.4





#60
o-Xylene
Concen: 1.189 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

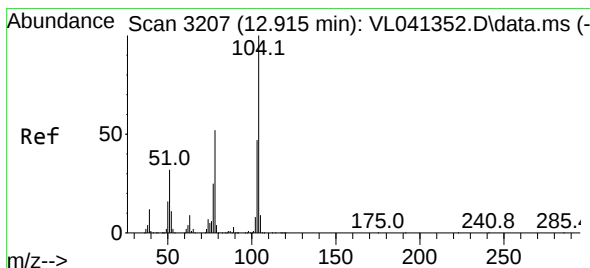
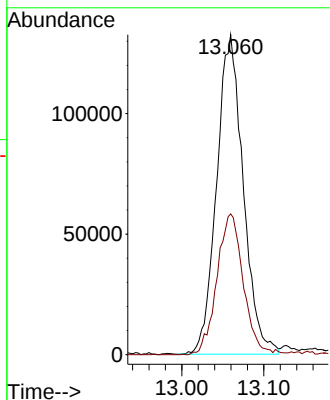
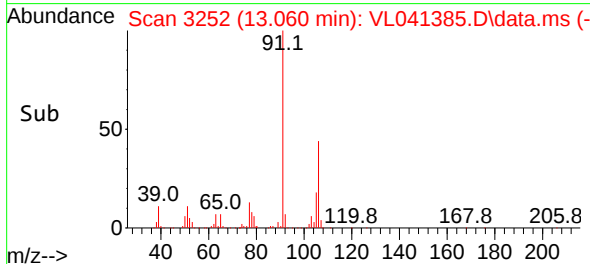
Instrument :
MSVOA_L
ClientSampleId :
IA1



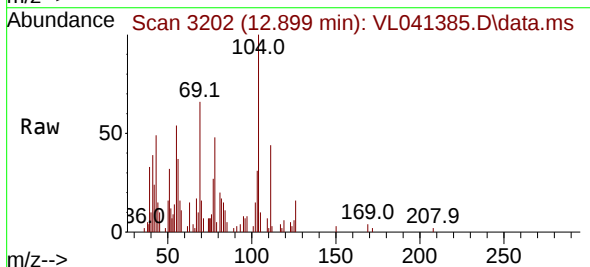
Tgt Ion: 91 Resp: 29858
Ion Ratio Lower Upper
91 100
106 44.1 23.3 69.8

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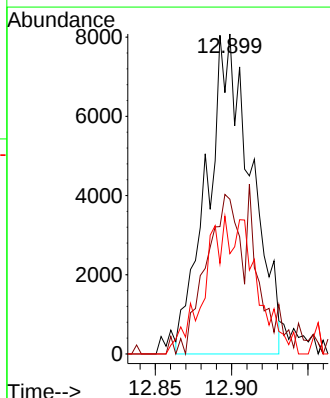
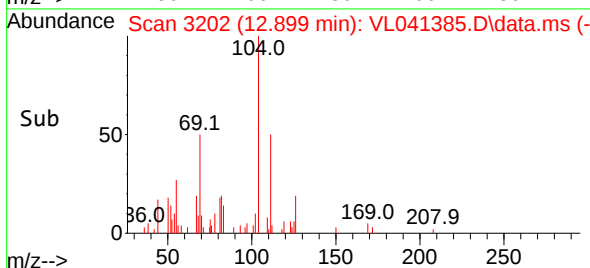
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

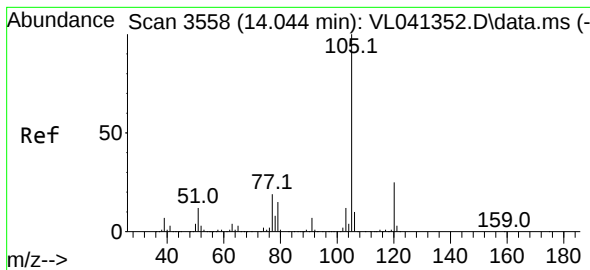


#61
Styrene
Concen: 0.134 ppbv m
RT: 12.899 min Scan# 3202
Delta R.T. 0.000 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03



Tgt Ion:104 Resp: 16317
Ion Ratio Lower Upper
104 100
78 0.0 40.6 61.0#
103 51.2 37.4 56.0





#62

Isopropylbenzene

Concen: 0.152 ppbv

RT: 14.031 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041385.D

Acq: 22 Jul 2024 14:03

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:105 Resp: 5904

Ion Ratio Lower Upper

105 100

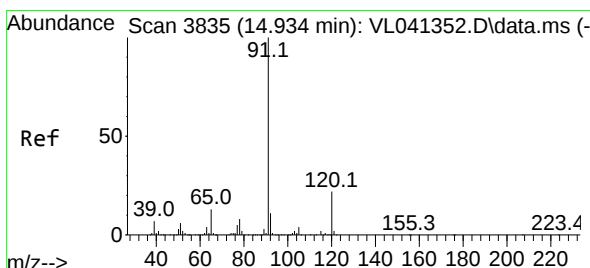
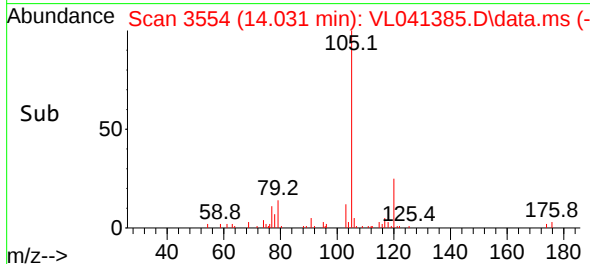
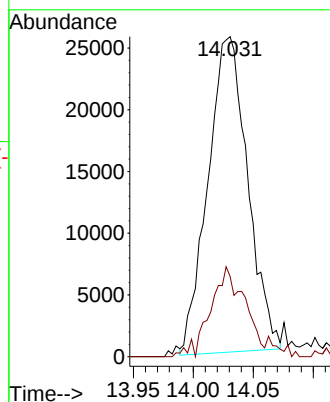
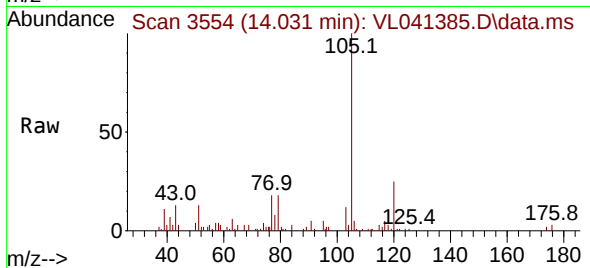
120 27.2 20.9 31.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#64

n-propylbenzene

Concen: 0.369 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. 0.000 min

Lab File: VL041385.D

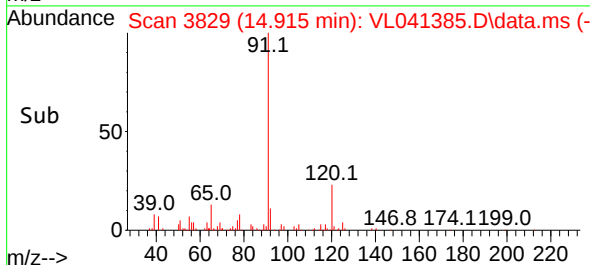
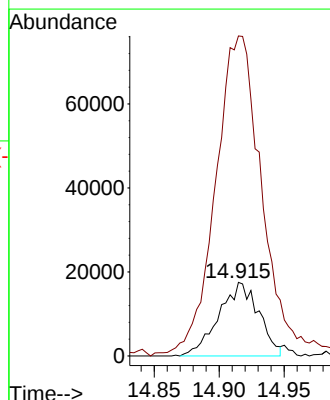
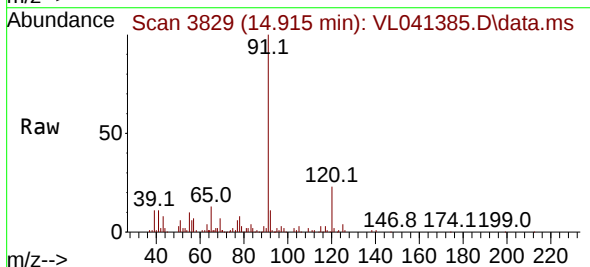
Acq: 22 Jul 2024 14:03

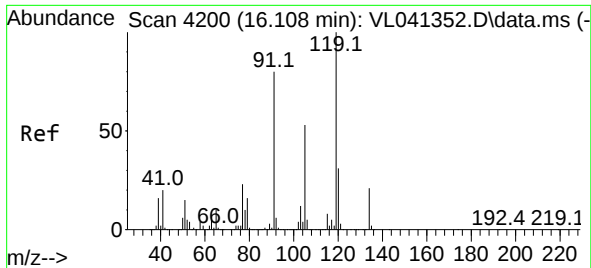
Tgt Ion:120 Resp: 37378

Ion Ratio Lower Upper

120 100

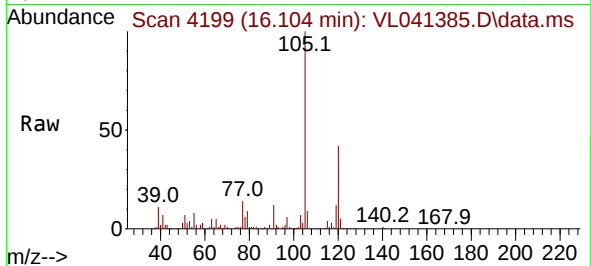
91 498.0 378.4 567.6





#65
tert-Butylbenzene
Concen: 0.247 ppbv m
RT: 16.104 min Scan# 4199
Delta R.T. 0.016 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

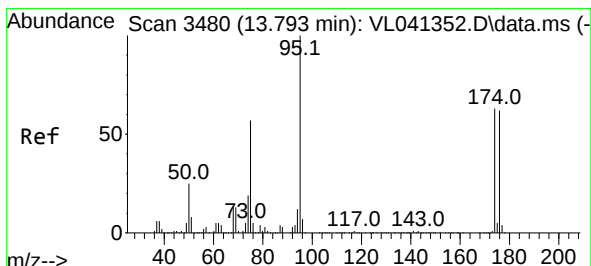
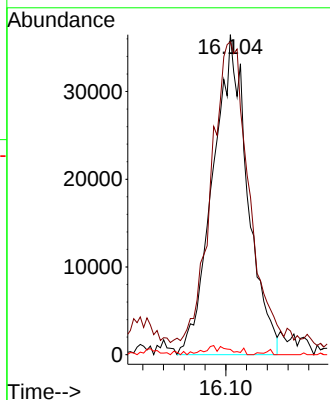
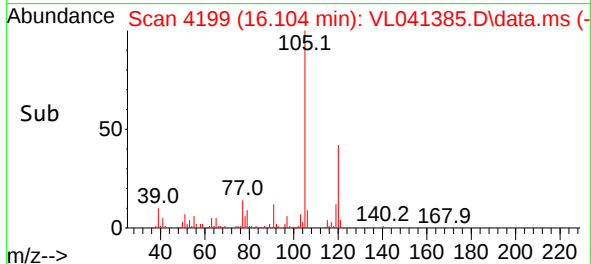
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 119 Resp: 85260
Ion Ratio Lower Upper
119 100
91 108.1 65.8 98.6
134 2.1 15.7 23.5

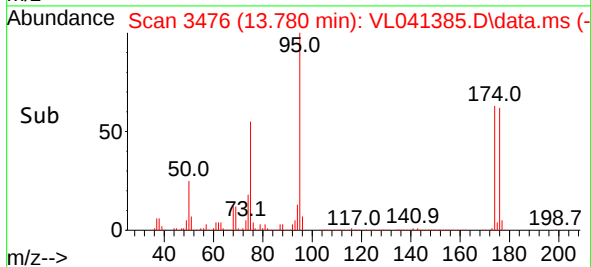
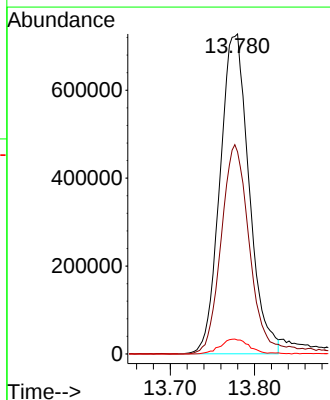
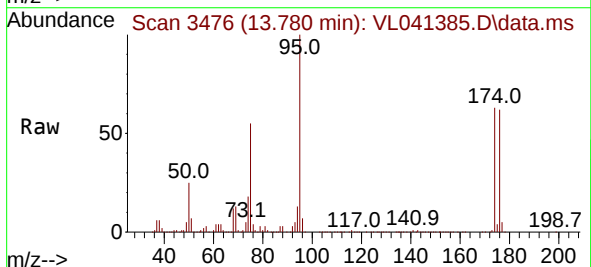
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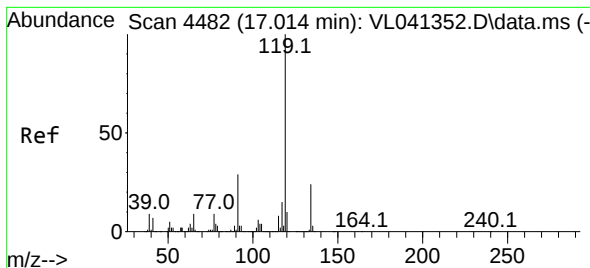
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.128 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Tgt Ion: 95 Resp: 1744815
Ion Ratio Lower Upper
95 100
174 66.6 53.1 79.7
175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.168 ppbv m

RT: 16.995 min Scan# 4482

Delta R.T. 0.003 min

Lab File: VL041385.D

Acq: 22 Jul 2024 14:03

Instrument :

MSVOA_L

ClientSampleId :

IA1

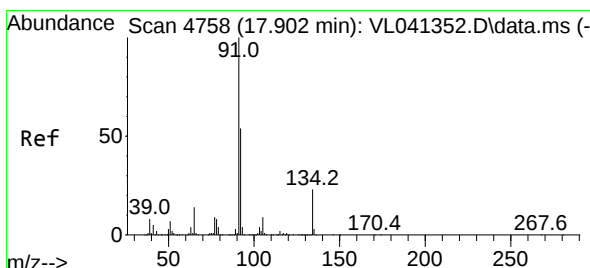
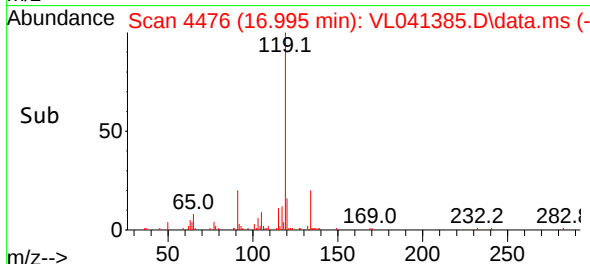
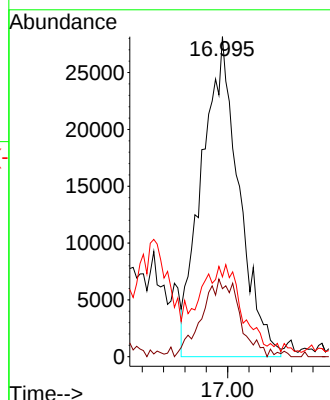
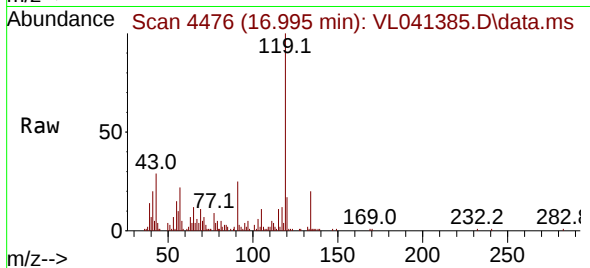
Tgt Ion: 119 Resp: 67930

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.0	30.0
91	27.6	23.7	35.5

Manual Integrations

APPROVED

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



#70

n-Butylbenzene

Concen: 0.132 ppbv m

RT: 17.889 min Scan# 4754

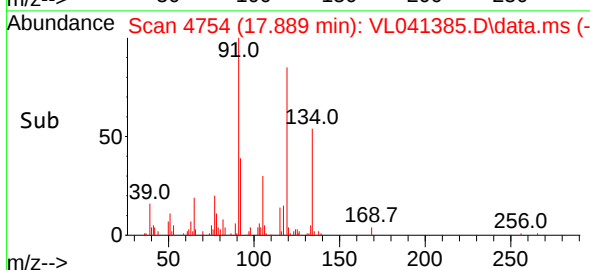
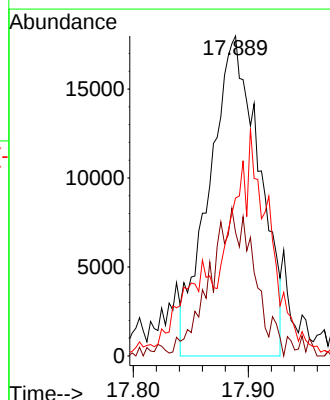
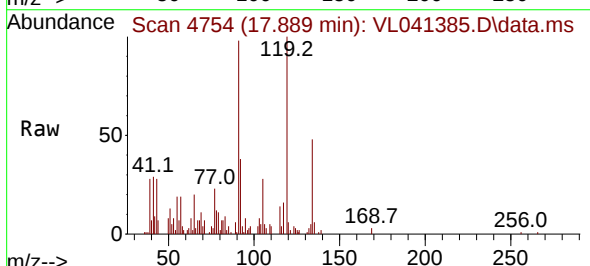
Delta R.T. 0.007 min

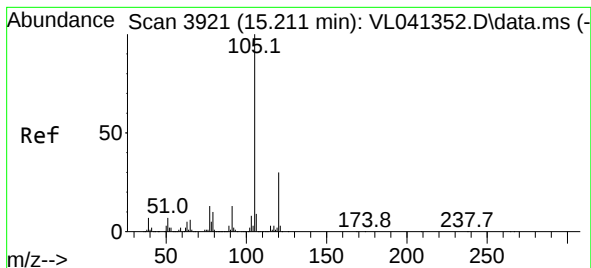
Lab File: VL041385.D

Acq: 22 Jul 2024 14:03

Tgt Ion: 91 Resp: 54289

Ion	Ratio	Lower	Upper
91	100		
92	44.0	43.0	64.6
134	0.0	18.0	27.0





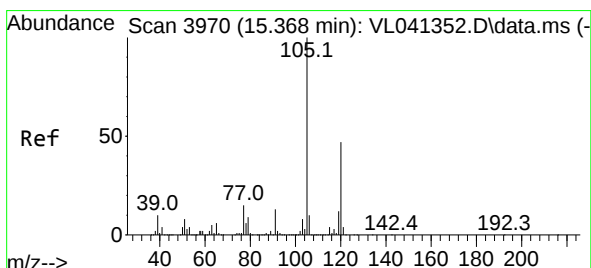
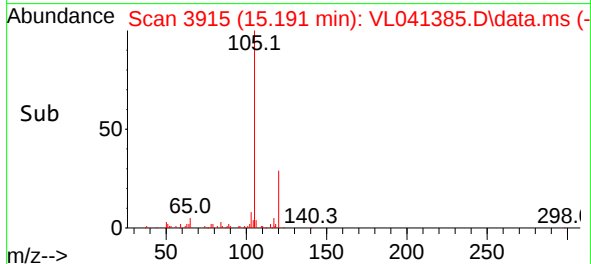
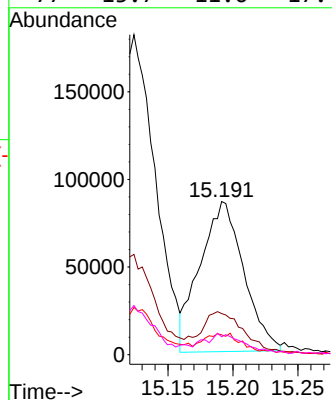
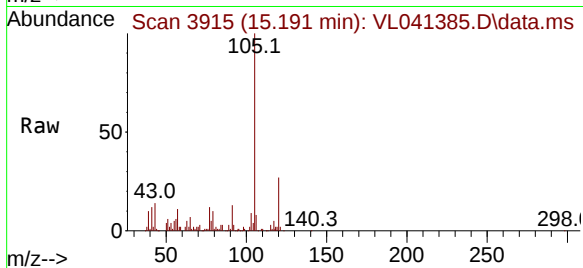
#72
4-Ethyltoluene
Concen: 0.670 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:105 Resp: 200405
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.4
91 13.1 10.2 15.2
77 13.7 11.6 17.4

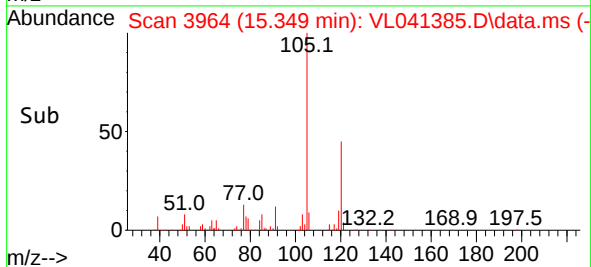
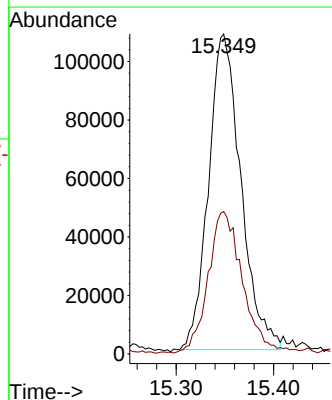
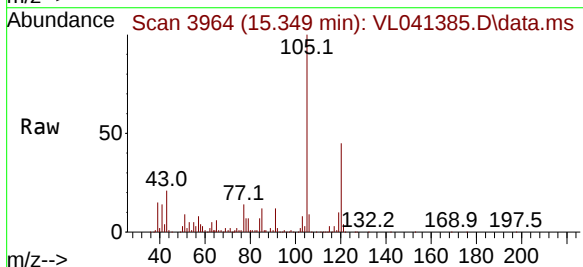
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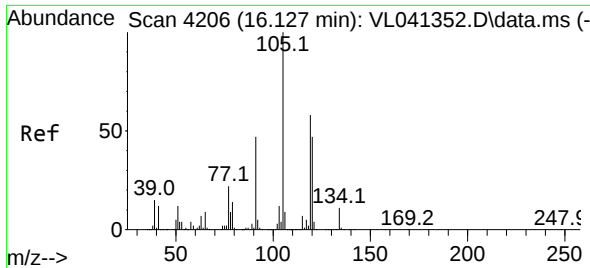
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#73
1,3,5-Trimethylbenzene
Concen: 0.975 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

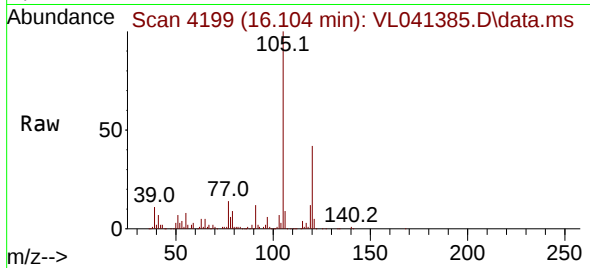
Tgt Ion:105 Resp: 249693
Ion Ratio Lower Upper
105 100
120 44.0 37.3 55.9





#74
1,2,4-Trimethylbenzene
Concen: 2.435 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03

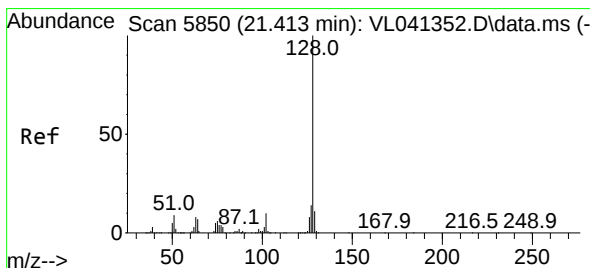
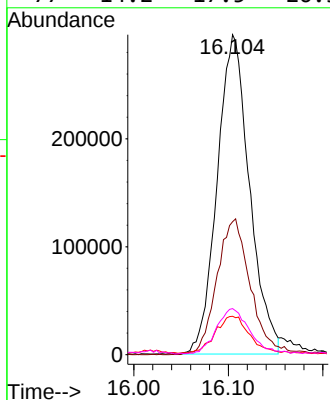
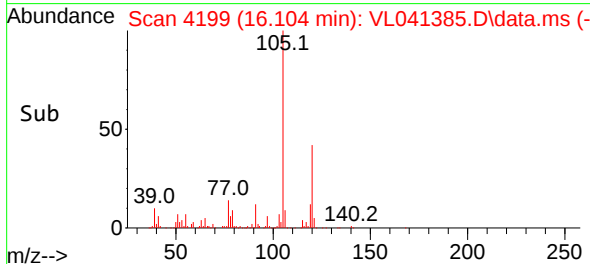
Instrument :
MSVOA_L
ClientSampleId :
IA1



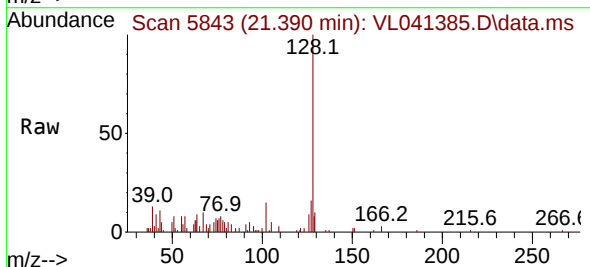
Tgt Ion:105 Resp: 702754
Ion Ratio Lower Upper
105 100
120 41.6 37.8 56.8
91 11.4 38.0 57.0
77 14.2 17.5 26.3#

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



#79
Naphthalene
Concen: 0.253 ppbv m
RT: 21.390 min Scan# 5843
Delta R.T. 0.006 min
Lab File: VL041385.D
Acq: 22 Jul 2024 14:03



Tgt Ion:128 Resp: 39245
Ion Ratio Lower Upper
128 100
127 15.5 10.8 16.2
129 10.2 9.0 13.4

