

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038950.D
 Acq On : 19 Apr 2022 15:13
 Operator : SY/AP
 Sample : N2465-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 04:26:27 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 0
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.684	49	1087197	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	2782566	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.095	117	2375544	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	1884385	10.458	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	103592	0.672	ppbv	97
3) Chlorodifluoromethane	3.002	51	56223	0.424	ppbv	94
4) Chloromethane	3.153	50	34130	0.497	ppbv	95
9) Propene	3.034	41	30820	0.439	ppbv	93
11) Trichlorofluoromethane	3.964	101	32438m	0.262	ppbv	
13) Ethanol	3.623	45	117900m	27.636	ppbv	
15) Acetone	3.870	43	338709m	3.129	ppbv	
19) Isopropyl Alcohol	3.989	45	120584m	2.180	ppbv	
20) Methylene Chloride	4.362	84	185801	4.733	ppbv	93
26) Hexane	5.700	57	104941	0.839	ppbv #	42
34) 2-Butanone	5.266	43	48637	0.442	ppbv	91
35) Carbon Tetrachloride	7.031	117	11479m	0.069	ppbv	
36) Benzene	6.902	78	32790	0.130	ppbv #	92
53) Toluene	9.812	91	52352	0.179	ppbv	99
59) m/p-Xylene	12.973	91	39344m	0.132	ppbv	

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

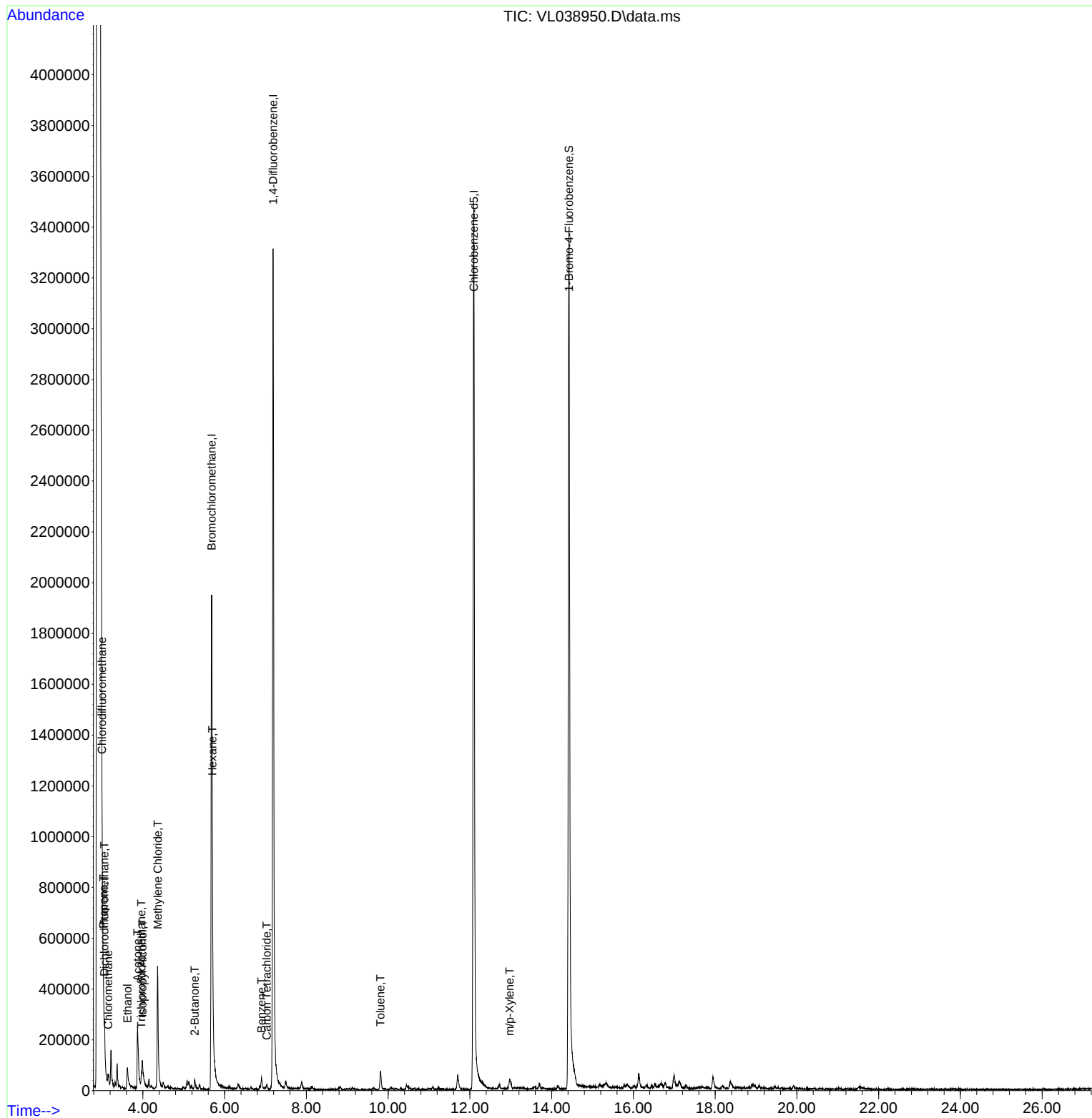
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
Data File : VL038950.D
Acq On : 19 Apr 2022 15:13
Operator : SY/AP
Sample : N2465-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

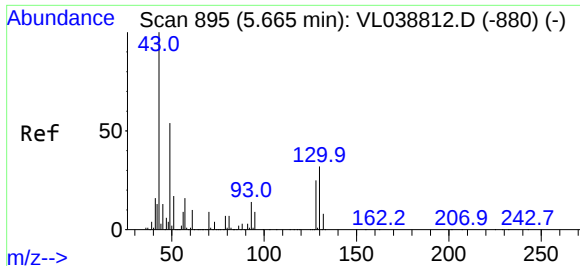
Instrument :
MSVOA_L
ClientSampleId :
OA-1

Quant Time: Apr 20 04:26:27 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

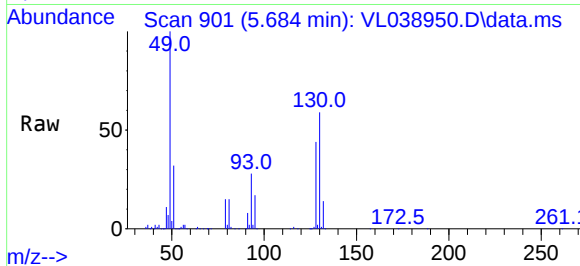
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.019 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

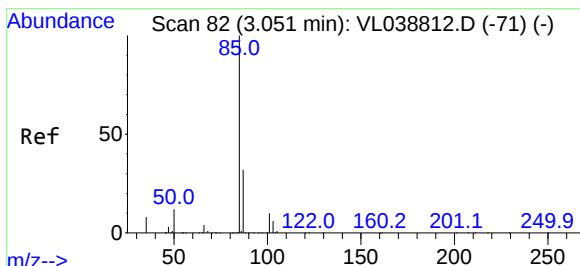
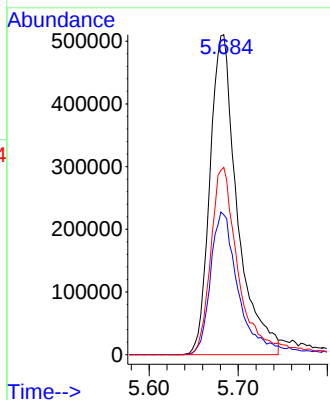
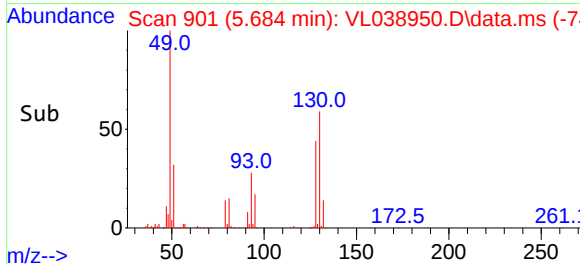
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 49 Resp: 108719
Ion Ratio Lower Upper
49 100
128 47.5 24.1 72.3
130 61.9 30.9 92.8

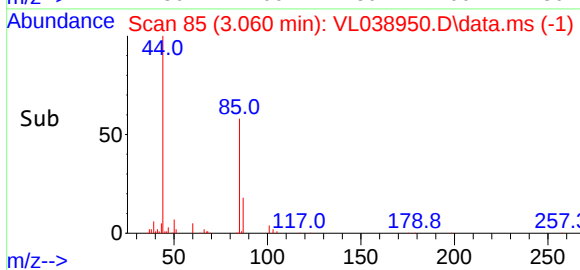
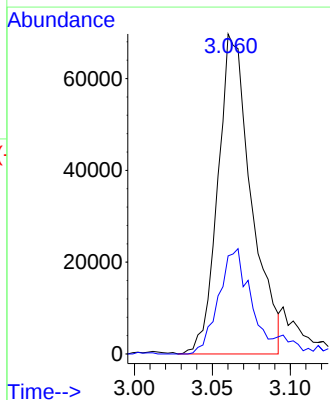
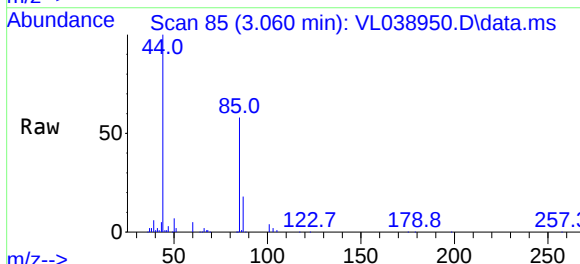
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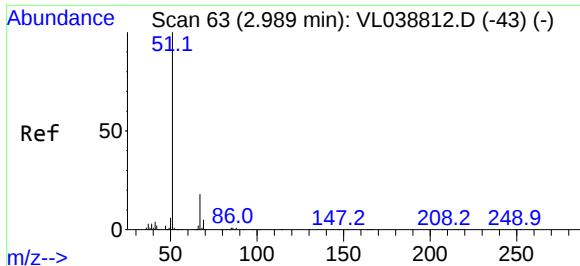
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#2
Dichlorodifluoromethane
Concen: 0.672 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.009 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Tgt Ion: 85 Resp: 103592
Ion Ratio Lower Upper
85 100
87 30.7 25.9 38.9





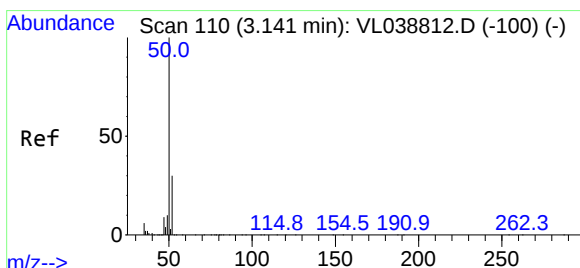
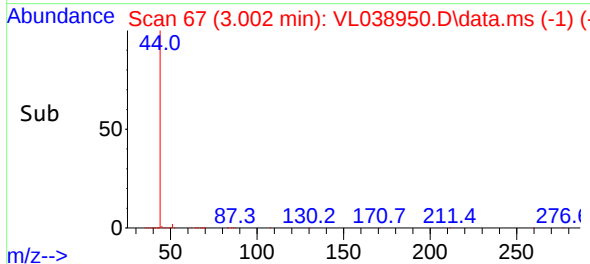
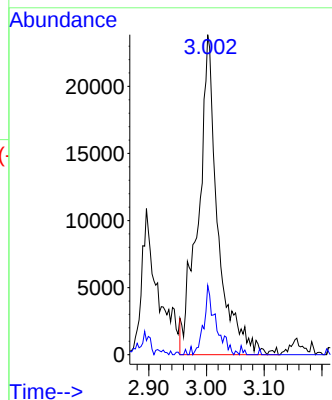
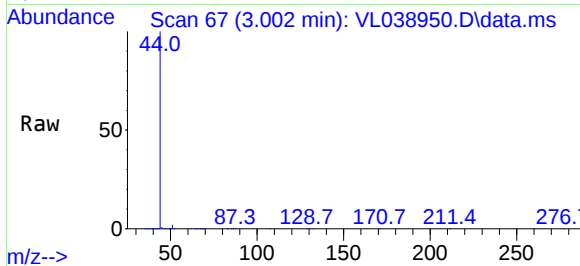
#3
Chlorodifluoromethane
Concen: 0.424 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 51 Resp: 5622
Ion Ratio Lower Upper
51 100
67 14.0 13.4 20.0

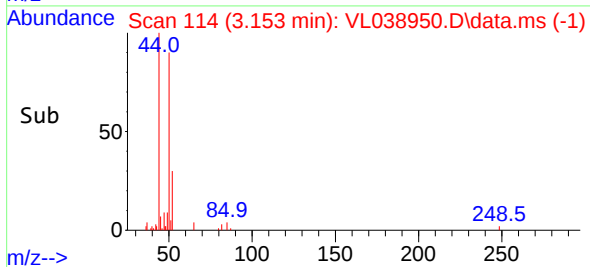
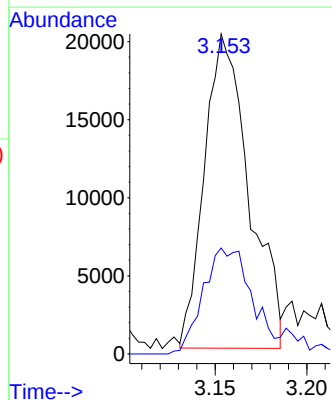
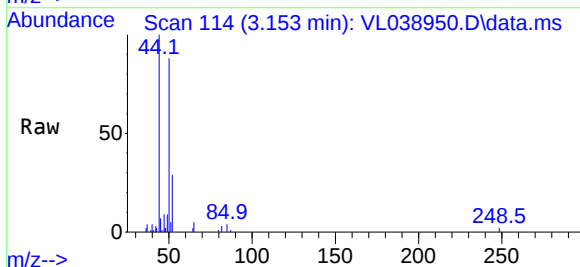
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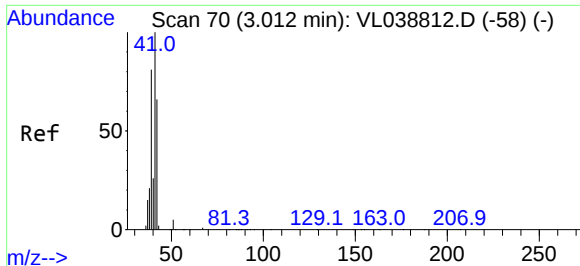
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#4
Chloromethane
Concen: 0.497 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Tgt Ion: 50 Resp: 34130
Ion Ratio Lower Upper
50 100
52 33.1 24.3 36.5





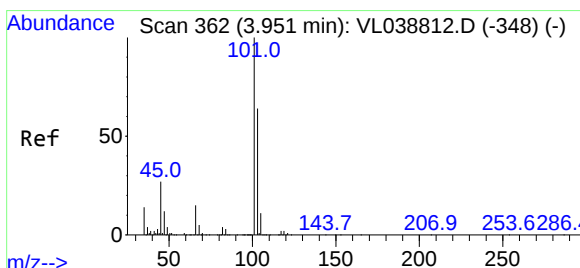
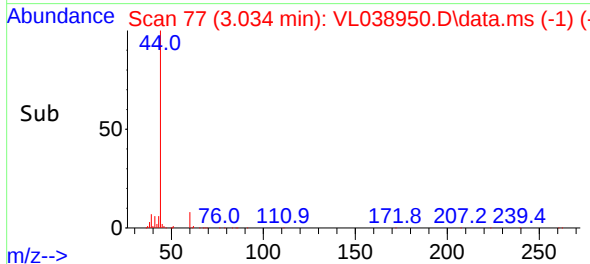
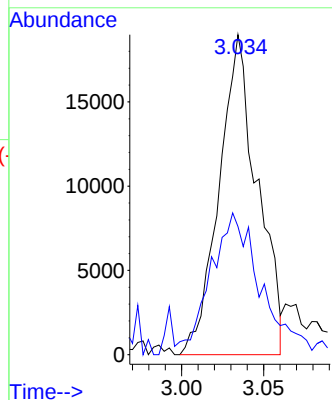
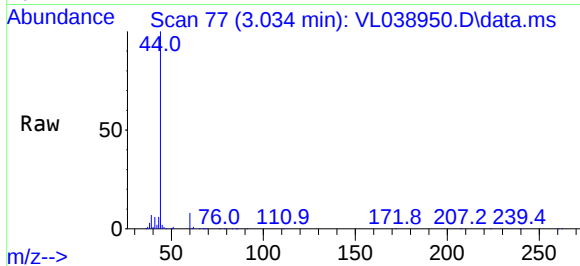
#9
Propene
Concen: 0.439 ppbv
RT: 3.034 min Scan# 71
Delta R.T. 0.022 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 41 Resp: 30820
Ion Ratio Lower Upper
41 100
42 61.8 54.2 81.4

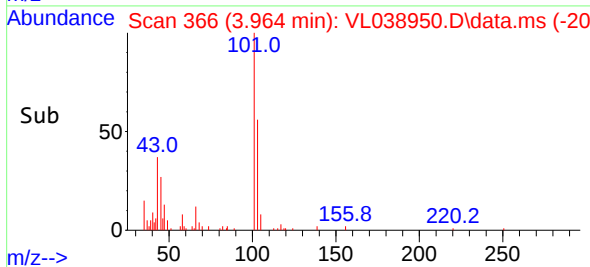
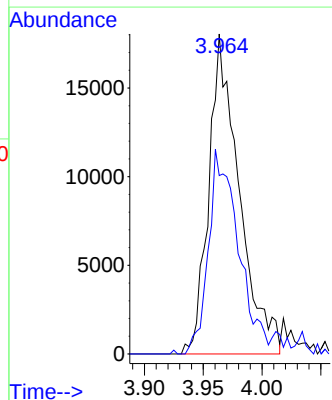
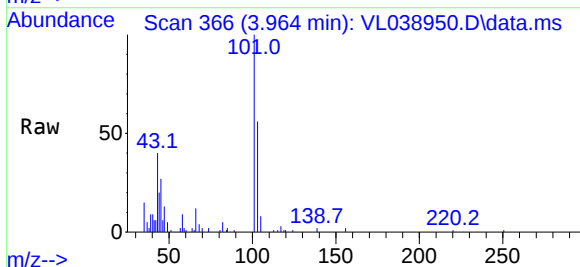
Manual Integrations
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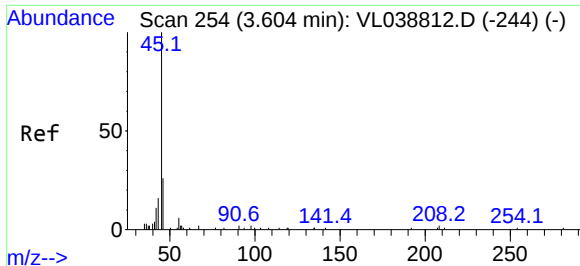
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#11
Trichlorofluoromethane
Concen: 0.262 ppbv m
RT: 3.964 min Scan# 366
Delta R.T. 0.013 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

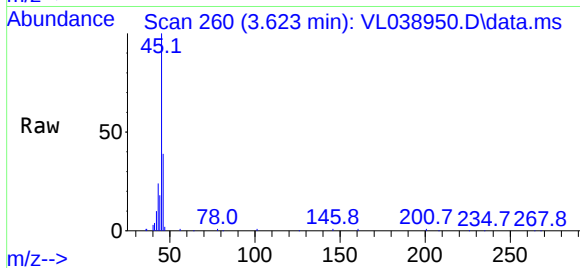
Tgt Ion:101 Resp: 32438
Ion Ratio Lower Upper
101 100
103 55.8 51.4 77.0





#13
Ethanol
Concen: 27.636 ppbv m
RT: 3.623 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

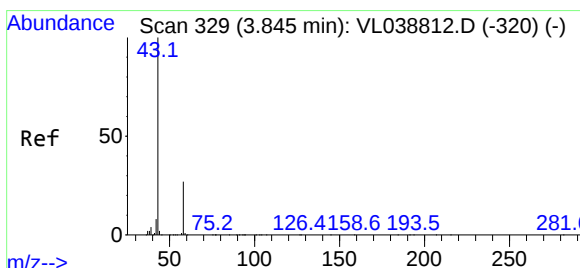
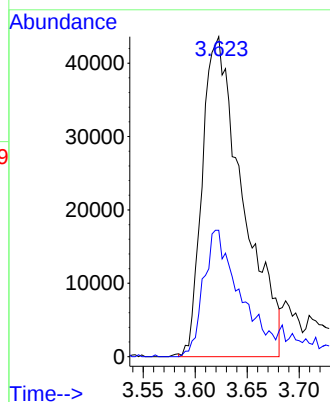
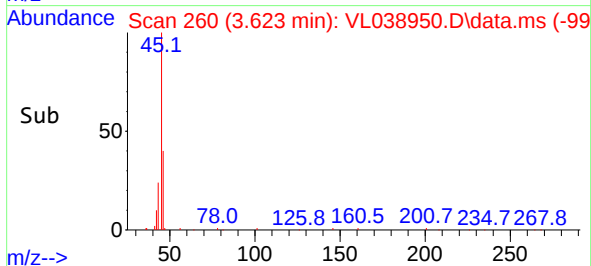
Instrument :
MSVOA_L
ClientSampleId :
OA-1



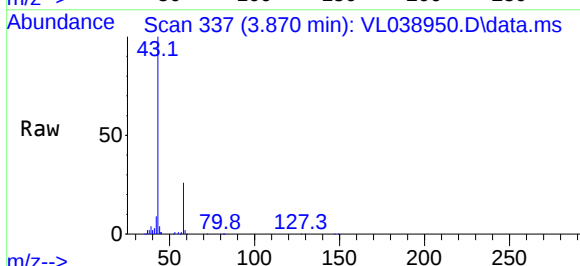
Tgt Ion: 45 Resp: 117900
Ion Ratio Lower Upper
45 100
46 42.0 0.0 0.0

Manual Integrations
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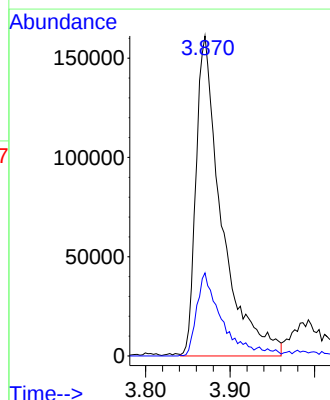
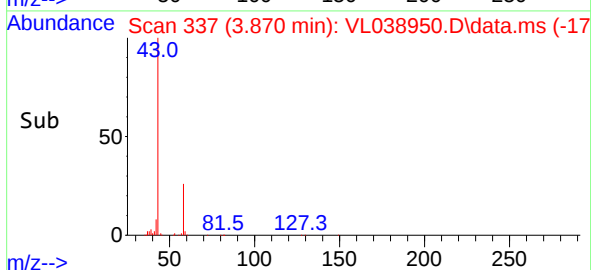
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

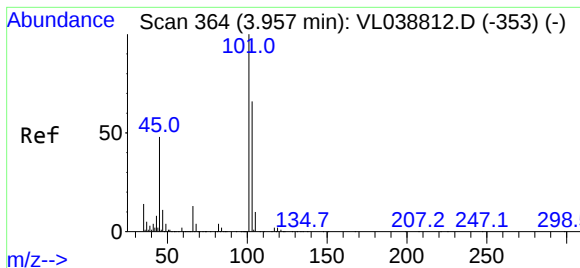


#15
Acetone
Concen: 3.129 ppbv m
RT: 3.870 min Scan# 337
Delta R.T. 0.026 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13



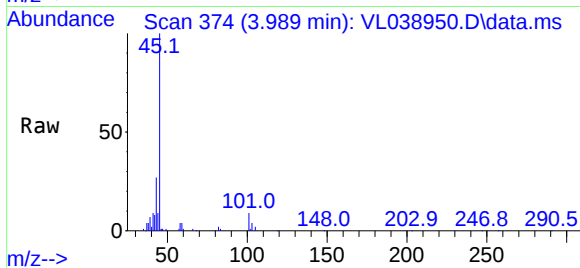
Tgt Ion: 43 Resp: 338709
Ion Ratio Lower Upper
43 100
58 26.1 22.5 33.7





#19
Isopropyl Alcohol
Concen: 2.180 ppbv m
RT: 3.989 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

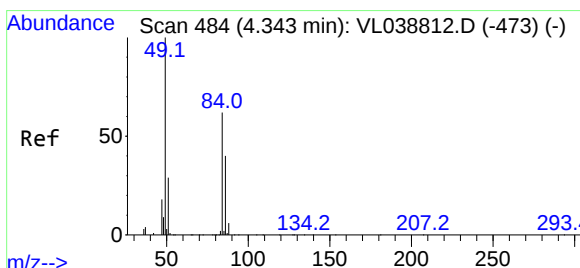
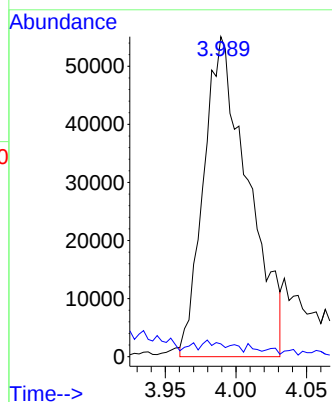
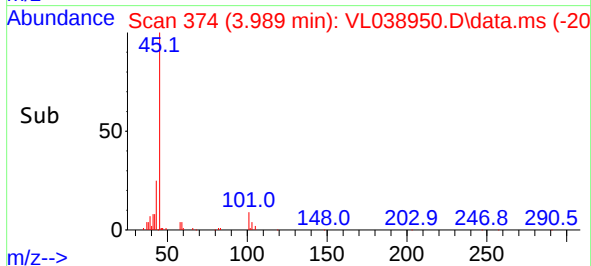
Instrument :
MSVOA_L
ClientSampleId :
OA-1



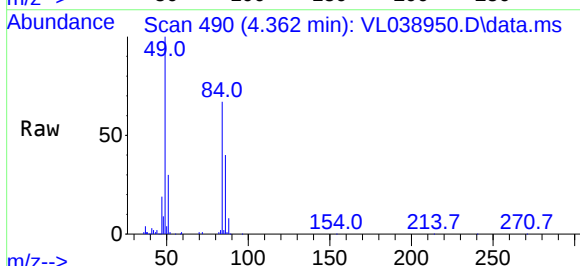
Tgt Ion: 45 Resp: 120584
Ion Ratio Lower Upper
45 100
58 7.7 0.0 0.0

Manual Integrations
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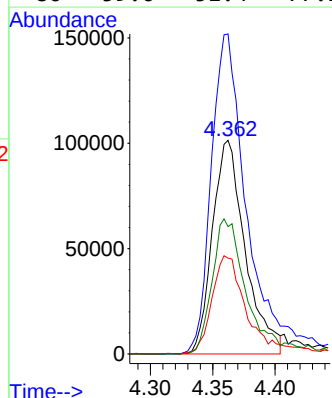
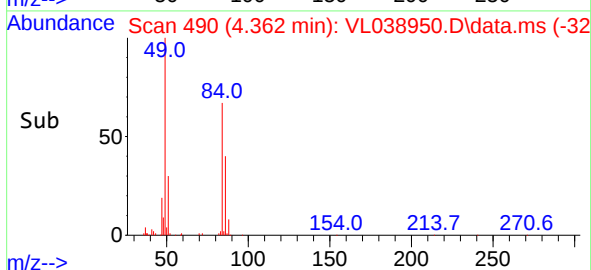
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

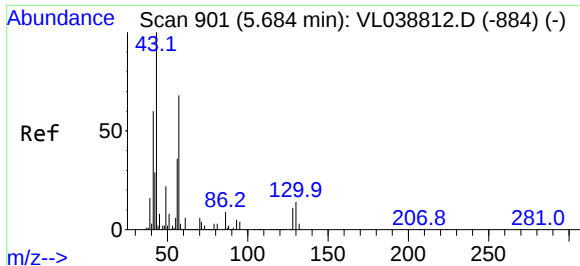


#20
Methylene Chloride
Concen: 4.733 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.019 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13



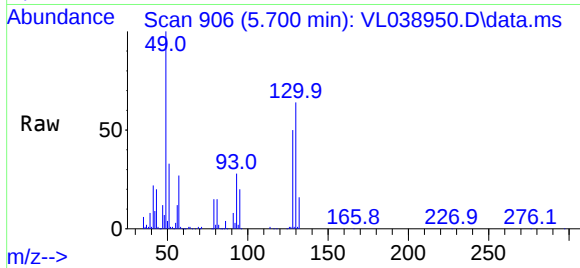
Tgt Ion: 84 Resp: 185801
Ion Ratio Lower Upper
84 100
49 149.8 129.4 194.0
51 44.9 37.4 56.2
86 59.6 51.4 77.2





#26
Hexane
Concen: 0.839 ppbv
RT: 5.700 min Scan# 901
Delta R.T. 0.016 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

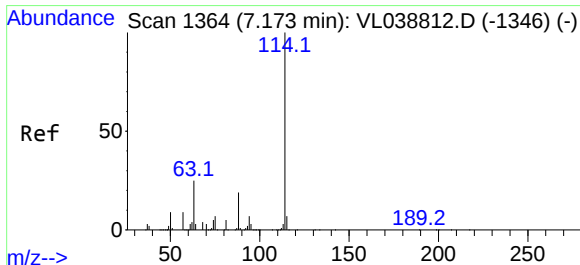
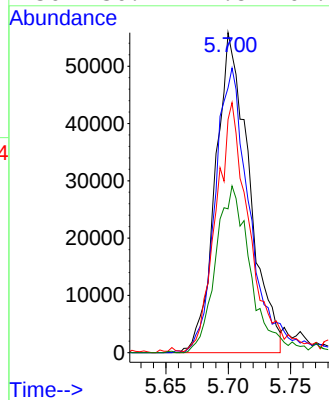
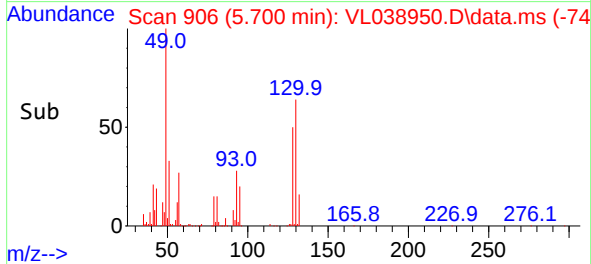
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 57 Resp: 10494
Ion Ratio Lower Upper
57 100
41 94.0 72.0 108.0
43 81.5 186.6 280.0
56 56.4 42.8 64.2

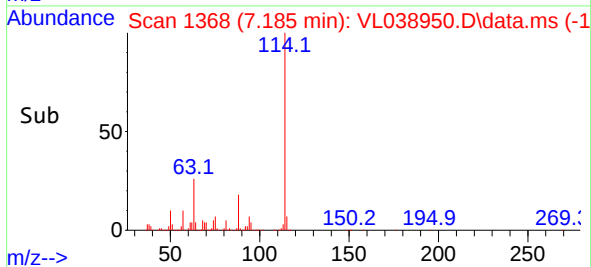
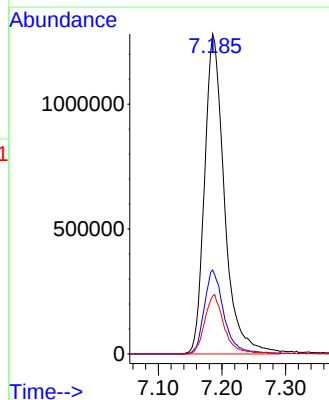
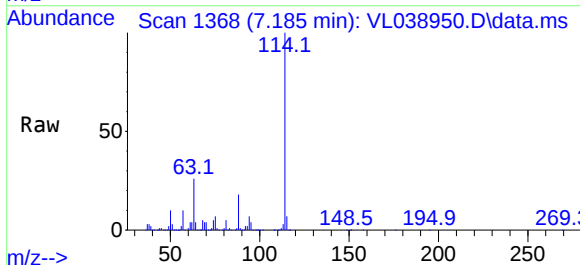
Manual Integrations
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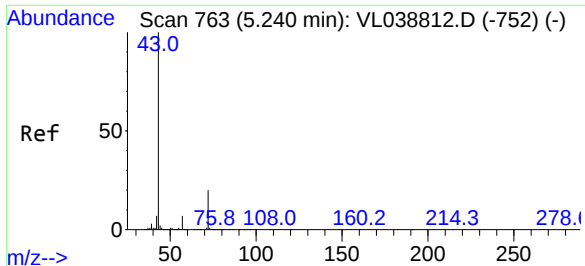
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.013 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Tgt Ion:114 Resp: 2782566
Ion Ratio Lower Upper
114 100
63 26.4 19.8 29.8
88 18.2 14.2 21.4





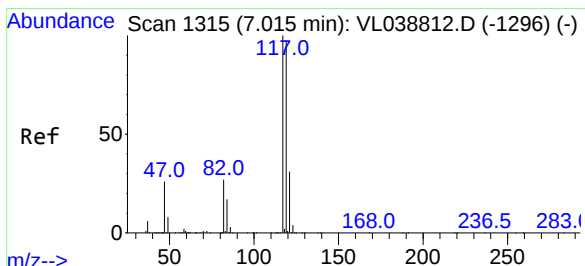
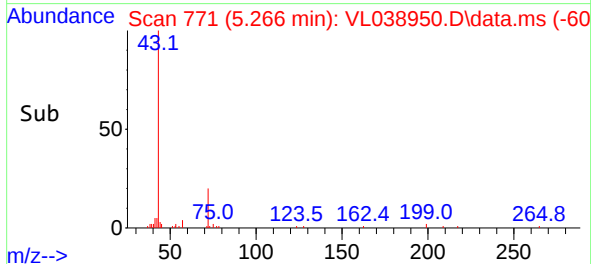
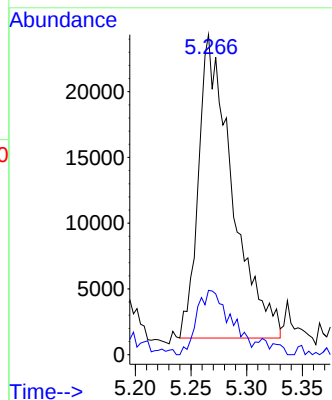
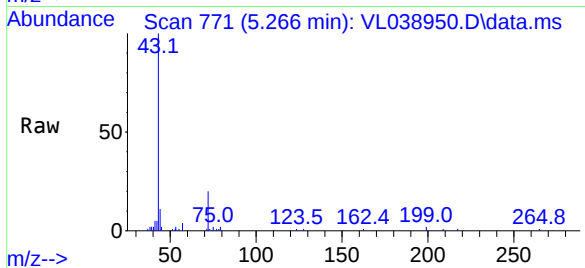
#34
2-Butanone
Concen: 0.442 ppbv
RT: 5.266 min Scan# 71
Delta R.T. 0.026 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 43 Resp: 4863
Ion Ratio Lower Upper
43 100
72 25.1 16.9 25.3

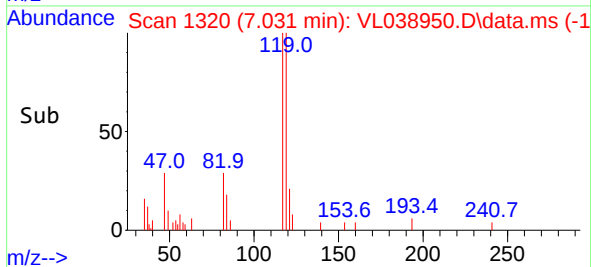
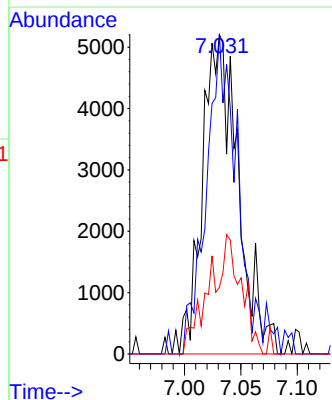
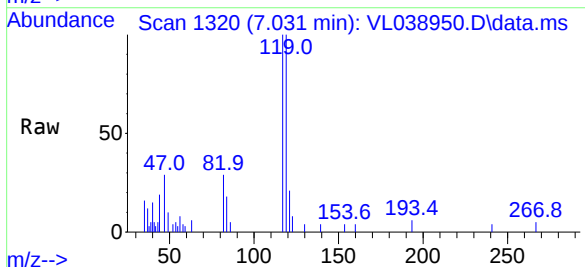
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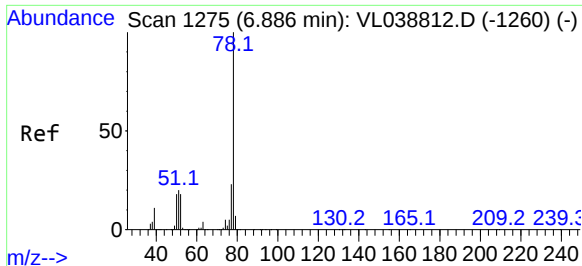
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#35
Carbon Tetrachloride
Concen: 0.069 ppbv m
RT: 7.031 min Scan# 1320
Delta R.T. 0.016 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

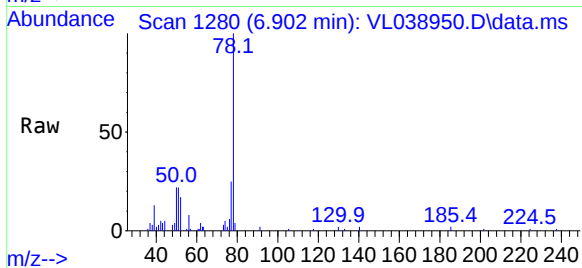
Tgt Ion:117 Resp: 11479
Ion Ratio Lower Upper
117 100
119 100.2 77.7 116.5
121 20.9 24.5 36.7#





#36
Benzene
Concen: 0.130 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.016 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

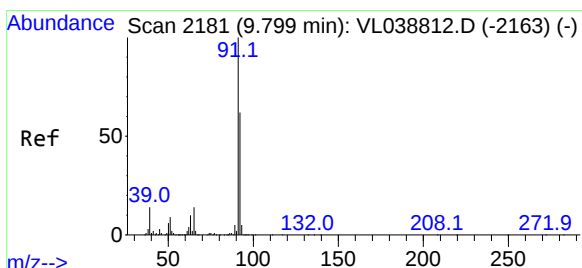
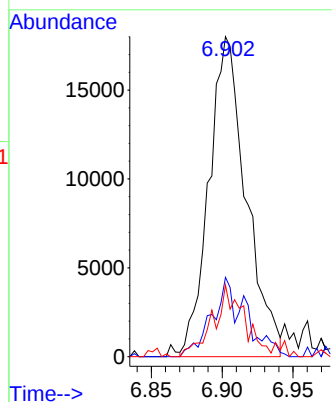
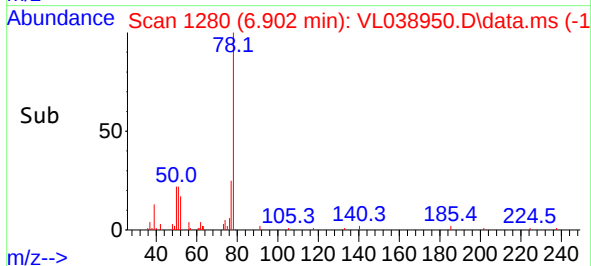
Instrument :
MSVOA_L
ClientSampleId :
OA-1



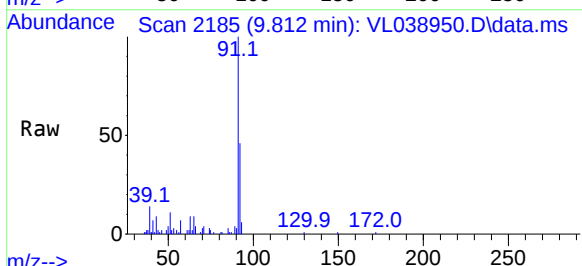
Tgt Ion: 78 Resp: 32790
Ion Ratio Lower Upper
78 100
77 25.1 18.2 27.2
50 22.7 14.0 21.0

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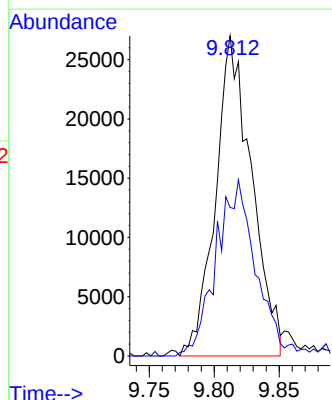
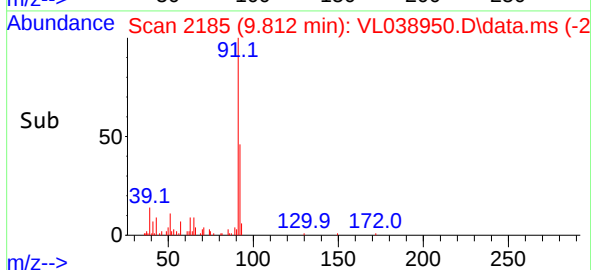
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

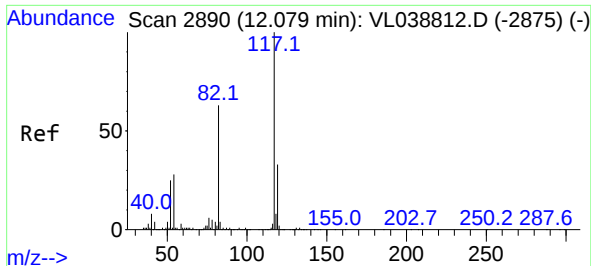


#53
Toluene
Concen: 0.179 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.013 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13



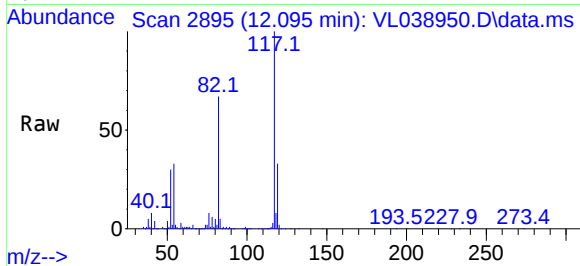
Tgt Ion: 91 Resp: 52352
Ion Ratio Lower Upper
91 100
92 62.1 49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

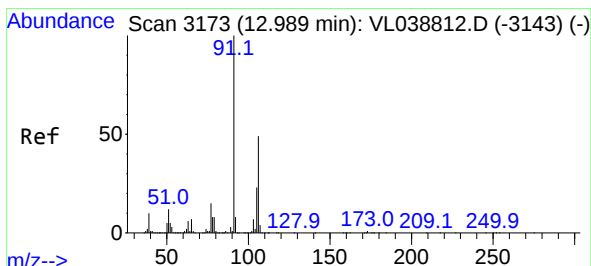
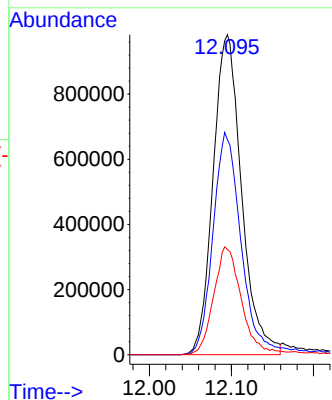
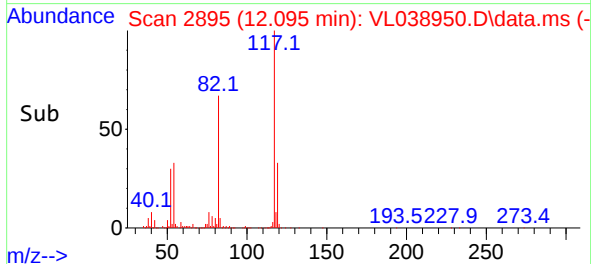
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 117 Resp: 237554
Ion Ratio Lower Upper
117 100
82 71.2 53.0 79.6
119 33.5 24.9 37.3

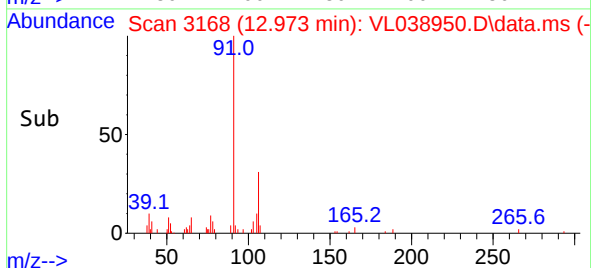
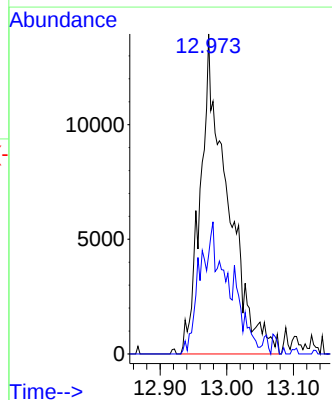
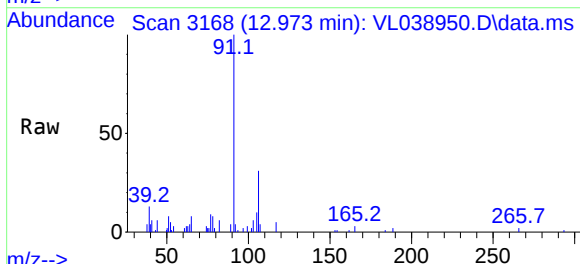
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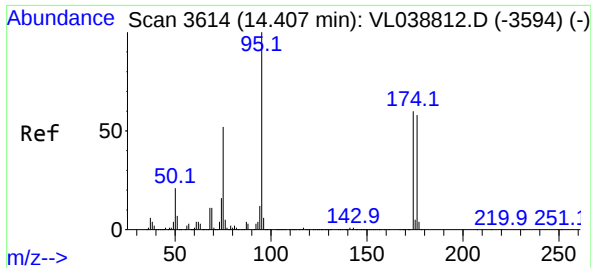
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#59
m/p-Xylene
Concen: 0.132 ppbv m
RT: 12.973 min Scan# 3168
Delta R.T. -0.016 min
Lab File: VL038950.D
Acq: 19 Apr 2022 15:13

Tgt Ion: 91 Resp: 39344
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.458 ppbv
 RT: 14.423 min Scan# 30
 Delta R.T. 0.016 min
 Lab File: VL038950.D
 Acq: 19 Apr 2022 15:13

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Tgt Ion: 95 Resp: 188438
 Ion Ratio Lower Upper
 95 100
 174 63.2 52.0 78.0
 175 4.7 4.0 6.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

