

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038886.D
 Acq On : 12 Apr 2022 9:18
 Operator : SY/AP
 Sample : N2339-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 06:43:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022

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	5.661	49	1101198	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3007187	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2666103	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2093376	10.351	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	50920	0.326	ppbv	97
3) Chlorodifluoromethane	2.993	51	49500m	0.368	ppbv	
4) Chloromethane	3.141	50	22763	0.327	ppbv #	85
9) Propene	3.022	41	38519m	0.542	ppbv	
10) Heptane	8.115	43	30494m	0.170	ppbv	
11) Trichlorofluoromethane	3.951	101	33111	0.264	ppbv	93
13) Ethanol	3.600	45	116971	27.070	ppbv #	100
15) Acetone	3.851	43	370893	3.383	ppbv	99
20) Methylene Chloride	4.343	84	624645	15.710	ppbv	99
26) Hexane	5.684	57	779747	6.158	ppbv #	40
29) Chloroform	5.745	83	21126m	0.119	ppbv	
31) cis-1,2-Dichloroethene	5.546	61	132402	1.137	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	19140m	0.107	ppbv	
34) 2-Butanone	5.247	43	47857	0.403	ppbv	92
35) Carbon Tetrachloride	7.012	117	9426m	0.052	ppbv	
36) Benzene	6.886	78	41759m	0.153	ppbv	
38) Trichloroethene	7.825	130	97092m	0.865	ppbv	
44) 2,2,4-Trimethylpentane	7.861	57	159888	0.345	ppbv #	91
52) Tetrachloroethene	11.214	164	681342	7.130	ppbv	98
53) Toluene	9.799	91	126548	0.401	ppbv	100
59) m/p-Xylene	12.960	91	50040m	0.150	ppbv	
60) o-Xylene	13.680	91	19765m	0.063	ppbv	

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

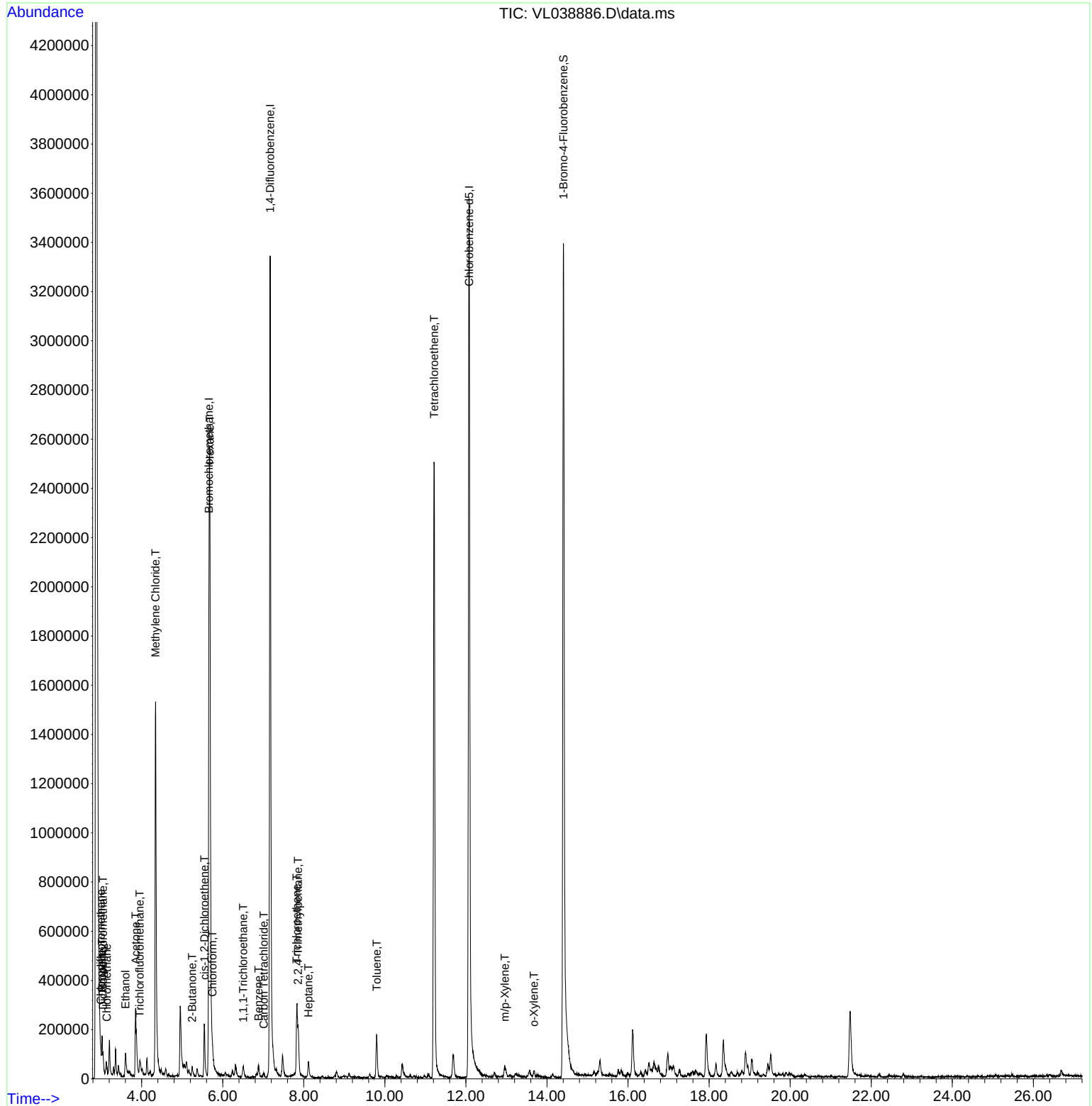
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
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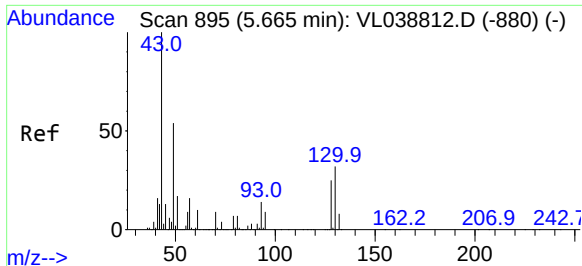
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT

Quant Time: Apr 13 06:43:59 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
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APPROVED

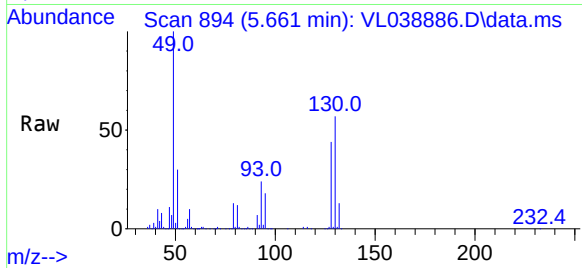
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

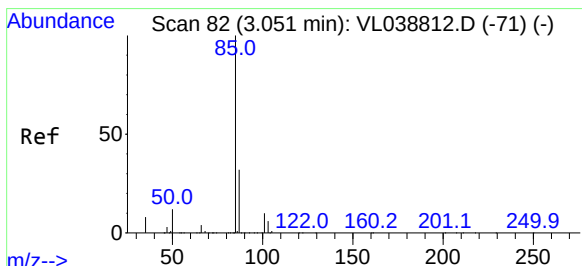
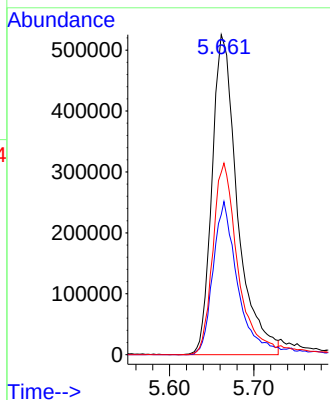
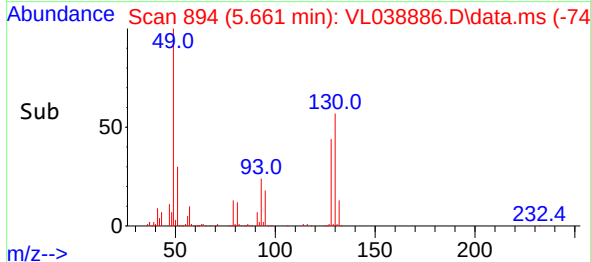
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion: 49 Resp: 1101198
Ion Ratio Lower Upper
49 100
128 49.1 24.1 72.3
130 62.5 30.9 92.8

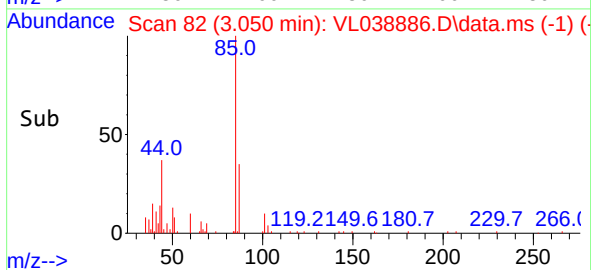
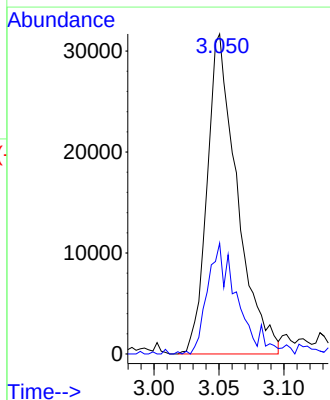
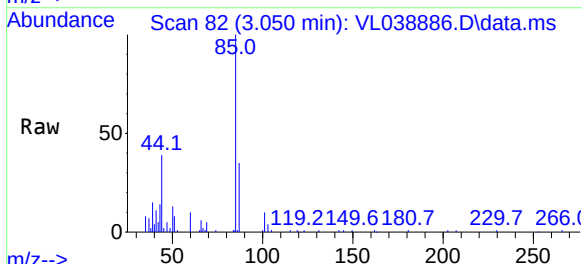
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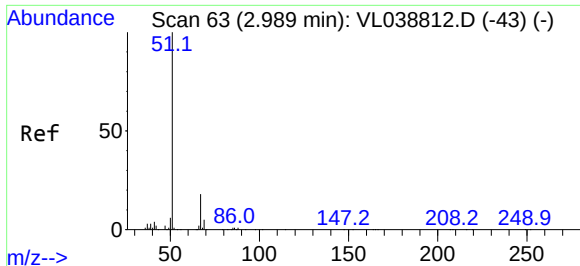
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#2
Dichlorodifluoromethane
Concen: 0.326 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

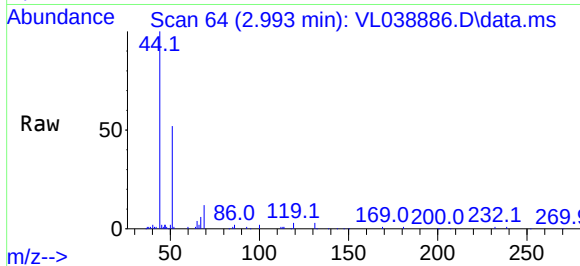
Tgt Ion: 85 Resp: 50920
Ion Ratio Lower Upper
85 100
87 33.9 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.368 ppbv m
RT: 2.993 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

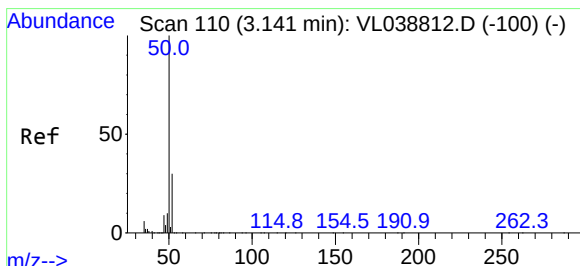
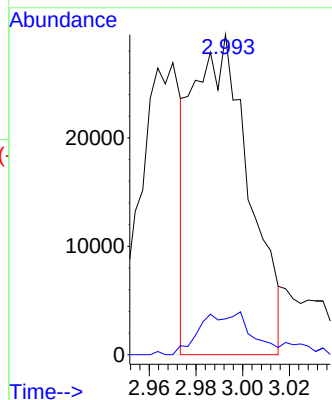
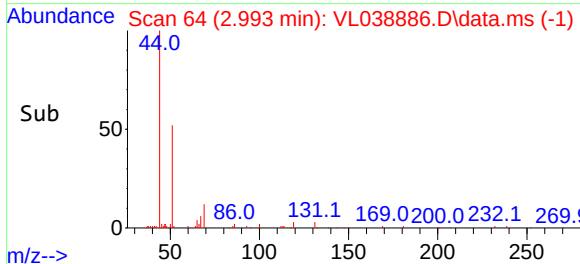
Instrument :
MSVOA_L
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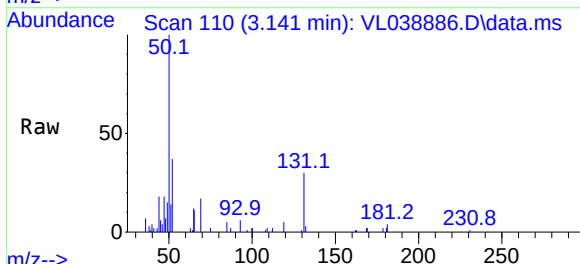
Tgt Ion: 51 Resp: 49500
Ion Ratio Lower Upper
51 100
67 13.8 13.4 20.0

Manual Integrations
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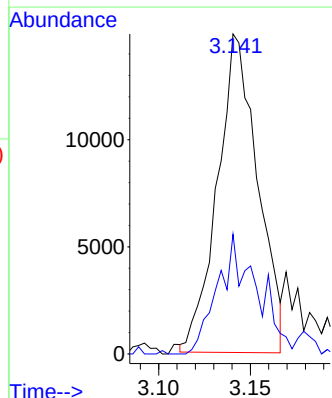
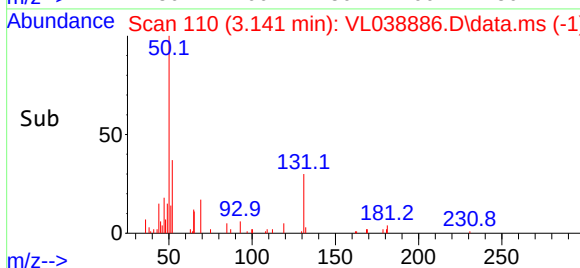
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

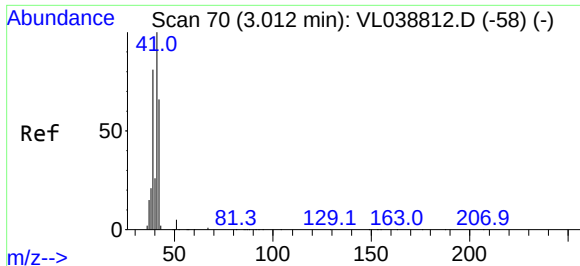


#4
Chloromethane
Concen: 0.327 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18



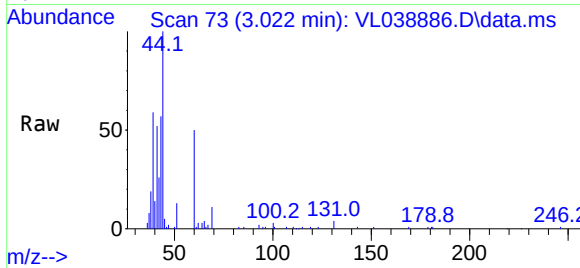
Tgt Ion: 50 Resp: 22763
Ion Ratio Lower Upper
50 100
52 38.5 24.3 36.5





#9
Propene
Concen: 0.542 ppbv m
RT: 3.022 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

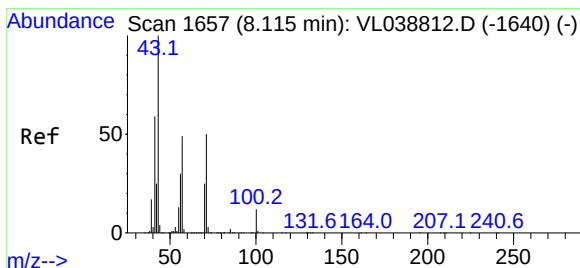
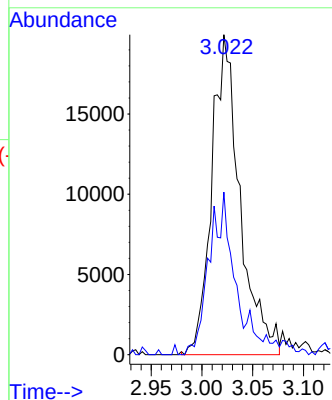
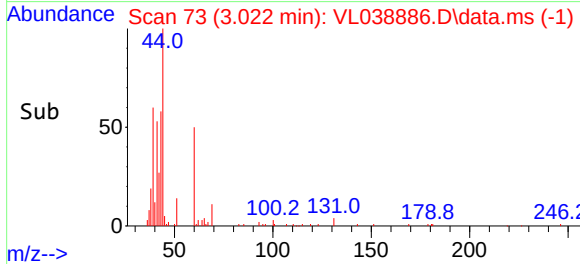
Instrument :
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ClientSampleId :
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Tgt Ion: 41 Resp: 38519
Ion Ratio Lower Upper
41 100
42 0.0 54.2 81.4

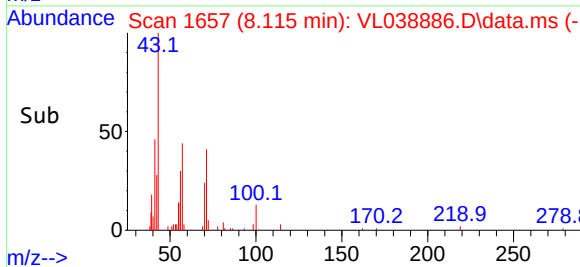
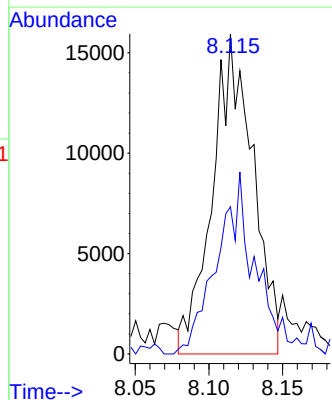
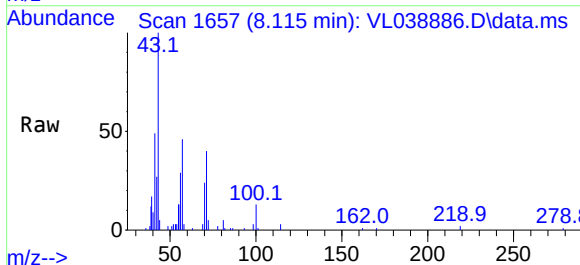
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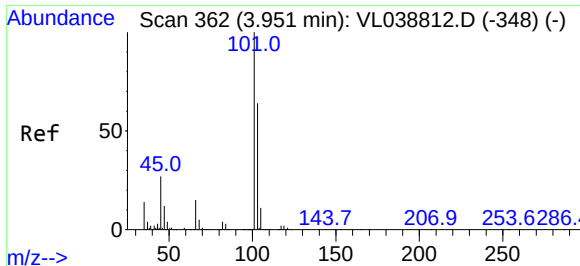
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#10
Heptane
Concen: 0.170 ppbv m
RT: 8.115 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

Tgt Ion: 43 Resp: 30494
Ion Ratio Lower Upper
43 100
57 0.0 39.3 58.9





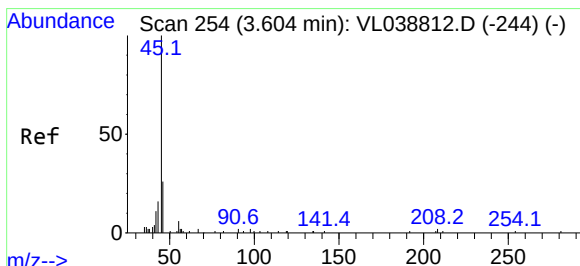
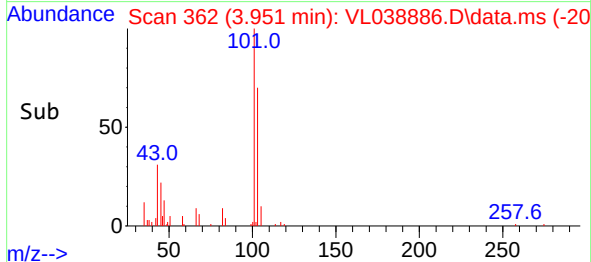
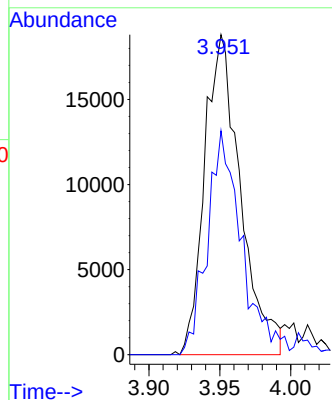
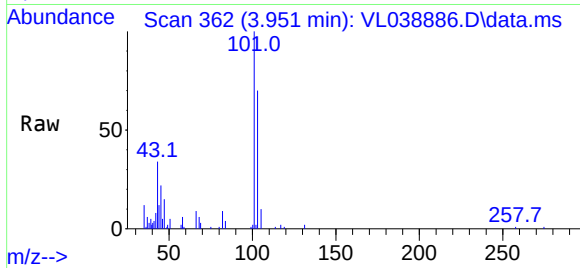
#11
Trichlorofluoromethane
Concen: 0.264 ppbv
RT: 3.951 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT

Tgt Ion:101 Resp: 3311
Ion Ratio Lower Upper
101 100
103 69.9 51.4 77.0

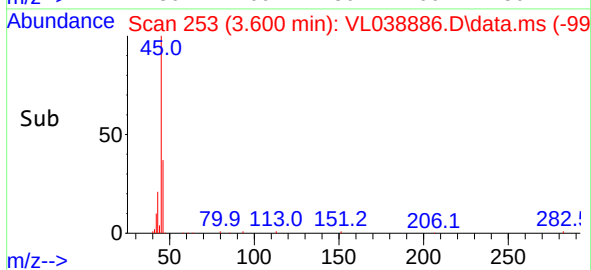
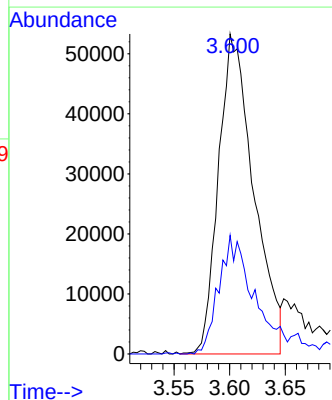
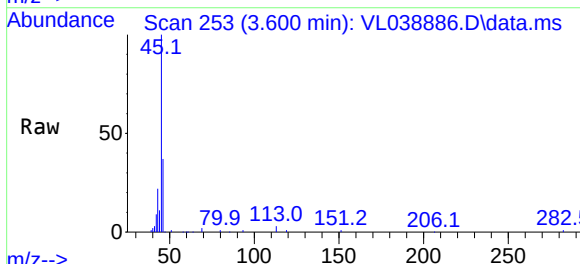
Manual Integrations
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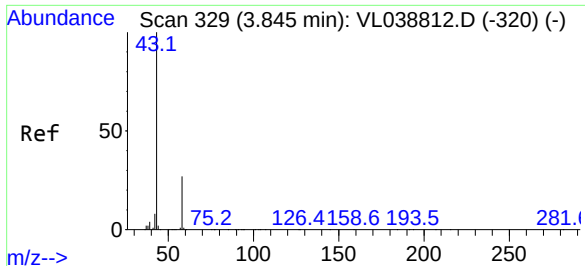
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#13
Ethanol
Concen: 27.070 ppbv
RT: 3.600 min Scan# 253
Delta R.T. -0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

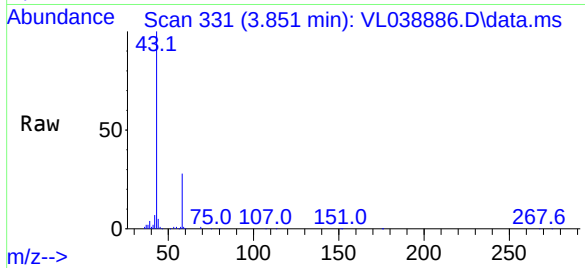
Tgt Ion: 45 Resp: 116971
Ion Ratio Lower Upper
45 100
46 39.8 0.0 0.0#





#15
Acetone
Concen: 3.383 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

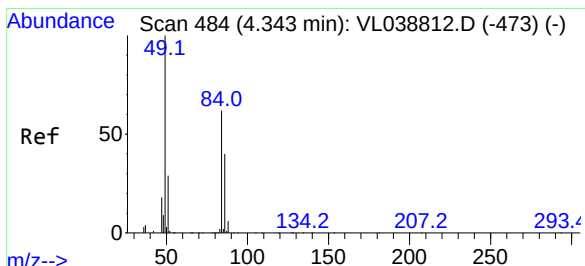
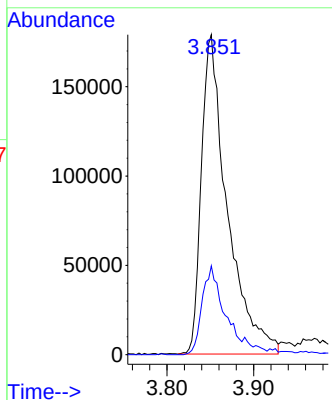
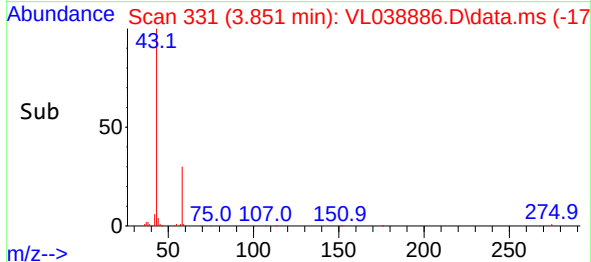
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



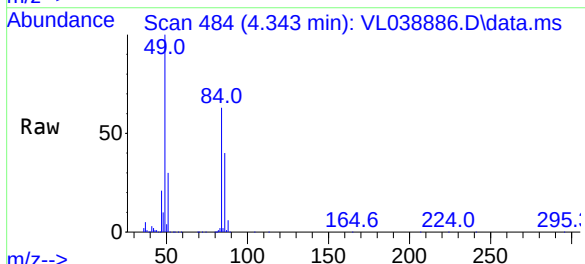
Tgt Ion: 43 Resp: 37089
Ion Ratio Lower Upper
43 100
58 27.7 22.5 33.7

Manual Integrations
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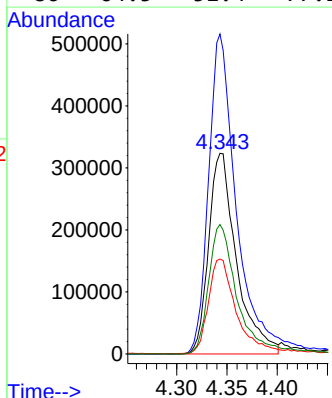
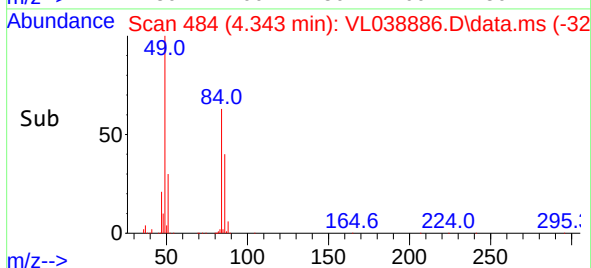
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

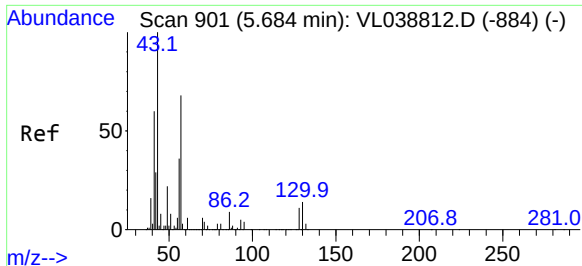


#20
Methylene Chloride
Concen: 15.710 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18



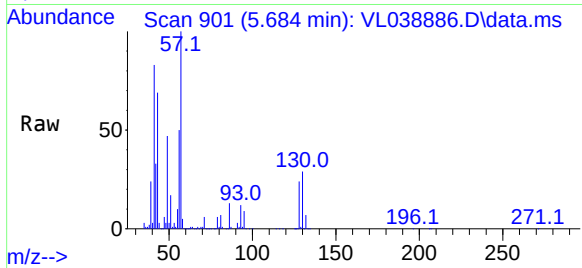
Tgt Ion: 84 Resp: 624645
Ion Ratio Lower Upper
84 100
49 159.3 129.4 194.0
51 47.1 37.4 56.2
86 64.5 51.4 77.2





#26
Hexane
Concen: 6.158 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

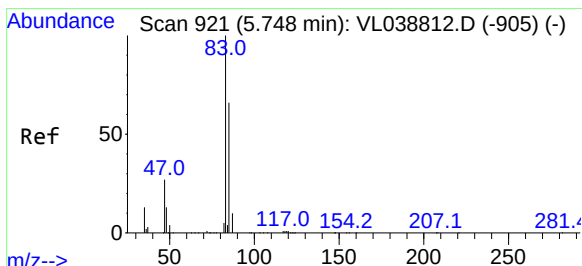
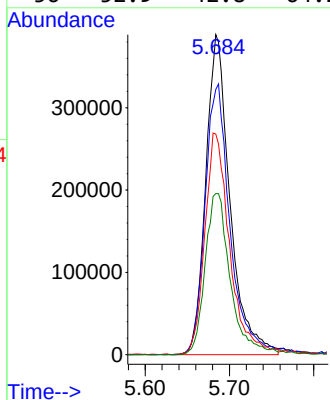
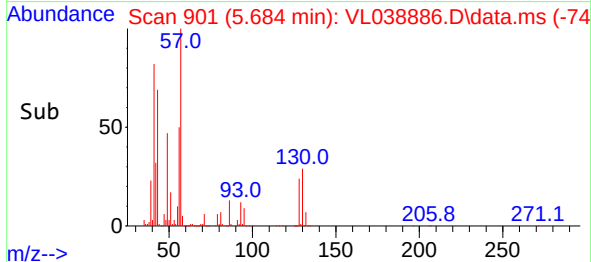
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion: 57 Resp: 77974
Ion Ratio Lower Upper
57 100
41 88.3 72.0 108.0
43 72.1 186.6 280.0
56 52.9 42.8 64.2

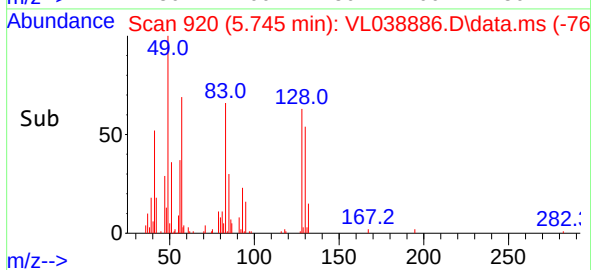
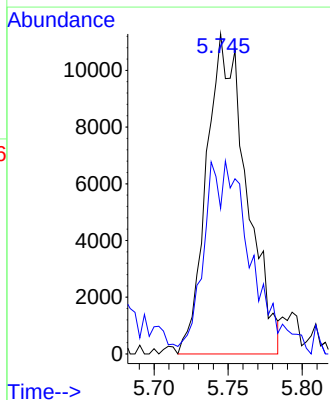
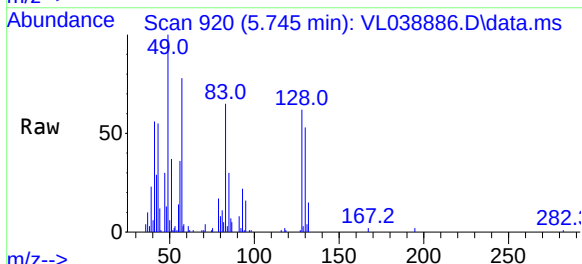
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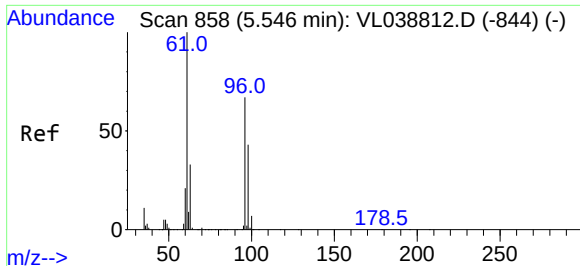
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#29
Chloroform
Concen: 0.119 ppbv m
RT: 5.745 min Scan# 920
Delta R.T. -0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

Tgt Ion: 83 Resp: 21126
Ion Ratio Lower Upper
83 100
85 45.5 52.5 78.7#





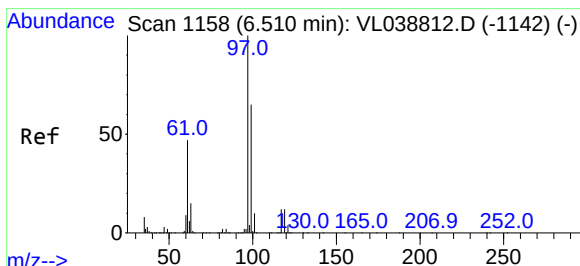
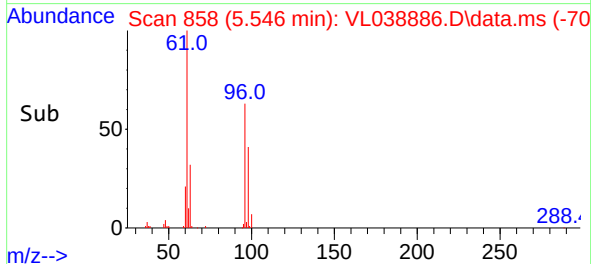
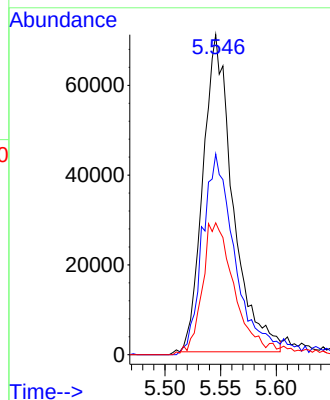
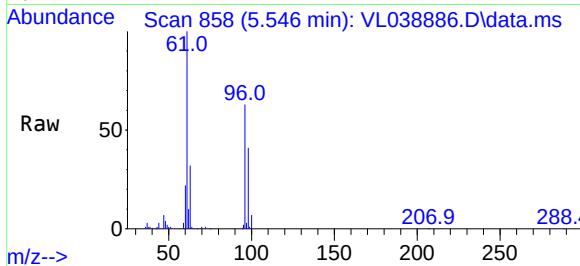
#31
cis-1,2-Dichloroethene
Concen: 1.137 ppbv
RT: 5.546 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT

Tgt Ion: 61 Resp: 13240
Ion Ratio Lower Upper
61 100
96 62.3 53.4 80.0
98 41.1 34.2 51.4

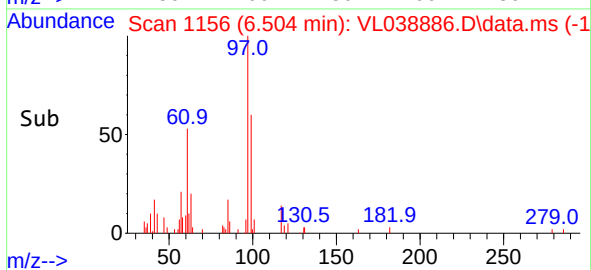
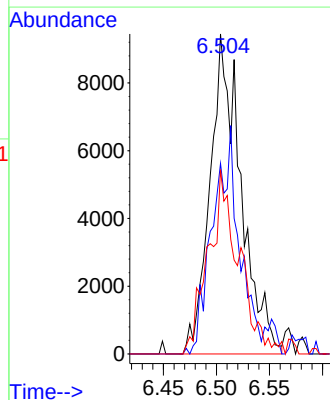
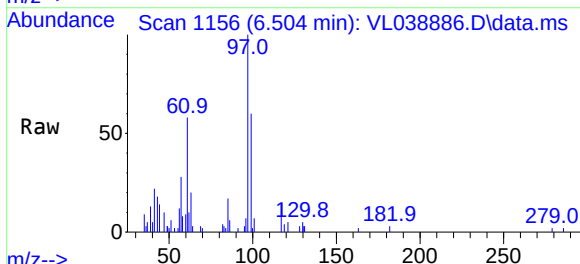
Manual Integrations
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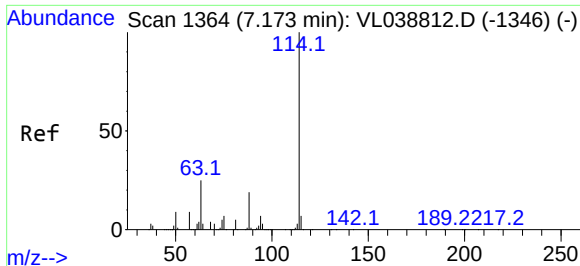
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#32
1,1,1-Trichloroethane
Concen: 0.107 ppbv m
RT: 6.504 min Scan# 1156
Delta R.T. -0.007 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

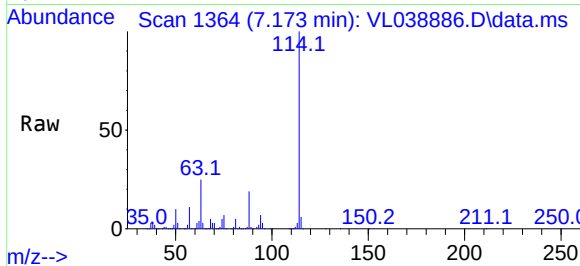
Tgt Ion: 97 Resp: 19140
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 58.2 38.6 57.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

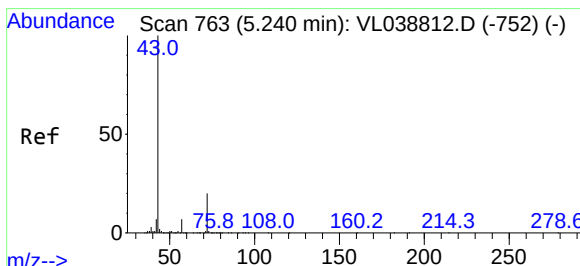
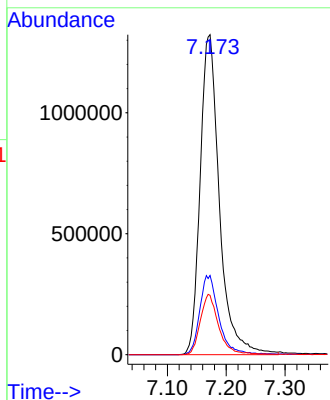
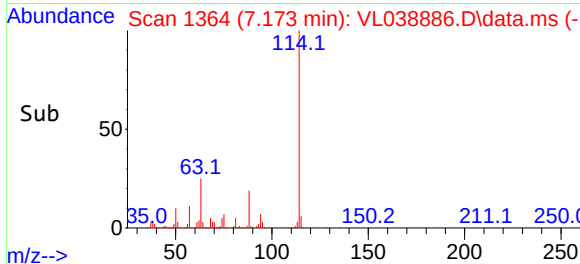
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion:114 Resp: 300718
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.8
88 18.2 14.2 21.4

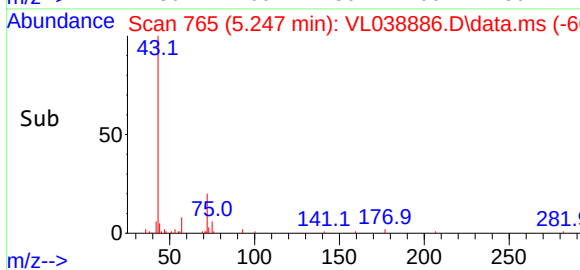
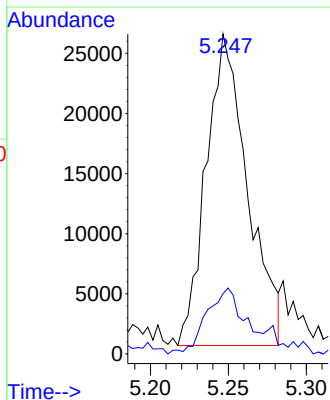
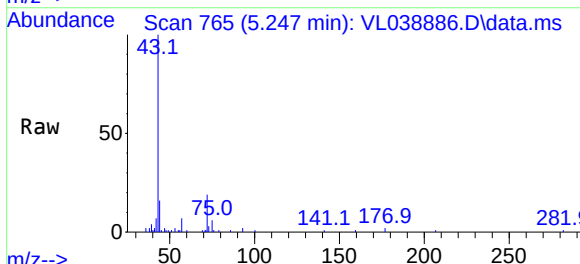
Manual Integrations
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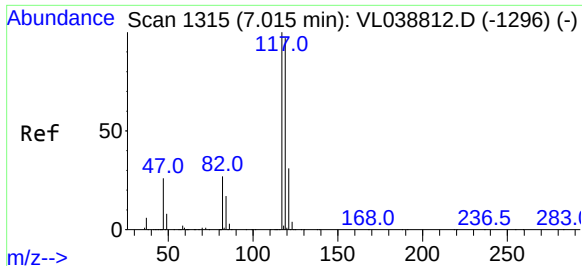
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
2-Butanone
Concen: 0.403 ppbv
RT: 5.247 min Scan# 765
Delta R.T. 0.006 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

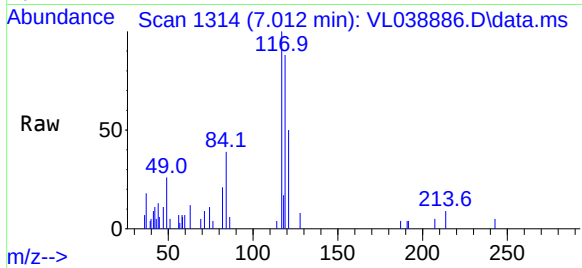
Tgt Ion: 43 Resp: 47857
Ion Ratio Lower Upper
43 100
72 25.1 16.9 25.3





#35
Carbon Tetrachloride
Concen: 0.052 ppbv m
RT: 7.012 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

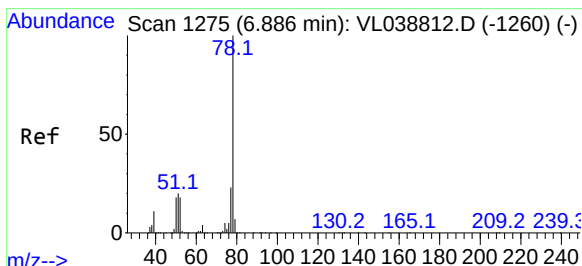
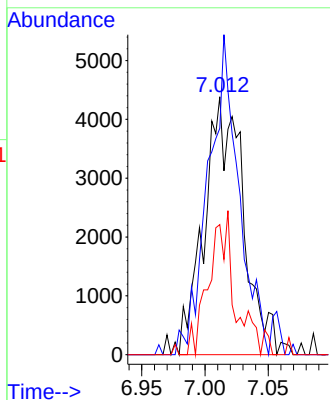
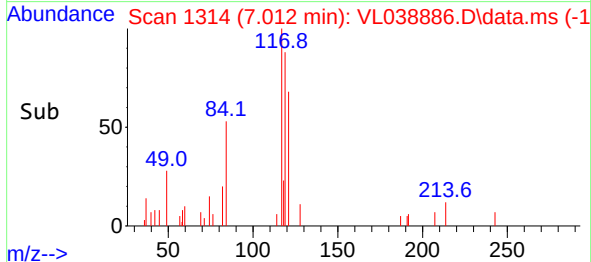
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion: 117 Resp: 9420
Ion Ratio Lower Upper
117 100
119 87.8 77.7 116.5
121 50.4 24.5 36.7

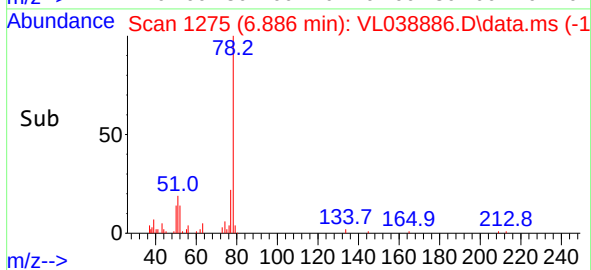
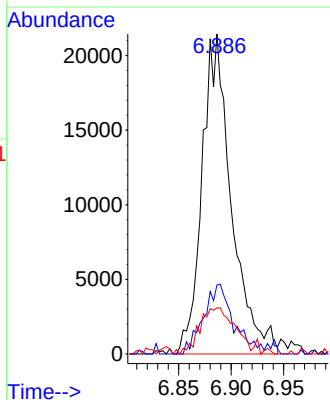
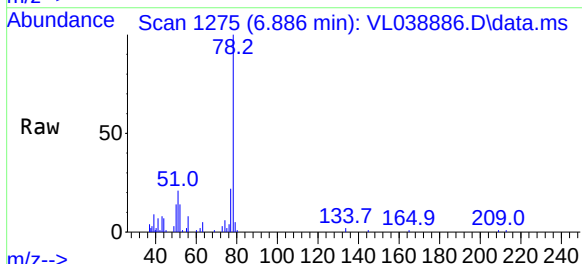
Manual Integrations
APPROVED

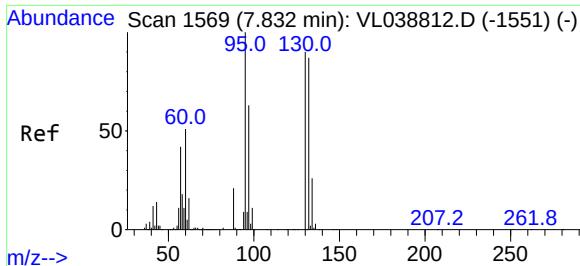
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#36
Benzene
Concen: 0.153 ppbv m
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

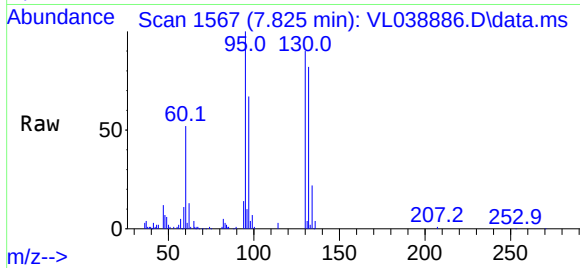
Tgt Ion: 78 Resp: 41759
Ion Ratio Lower Upper
78 100
77 21.6 18.2 27.2
50 14.4 14.0 21.0





#38
Trichloroethene
Concen: 0.865 ppbv m
RT: 7.825 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

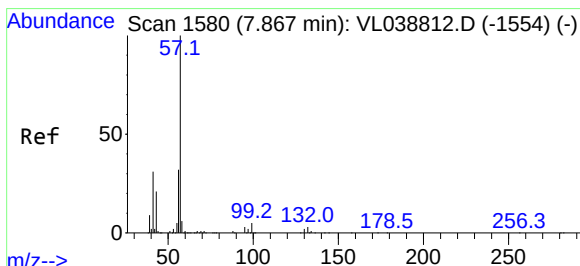
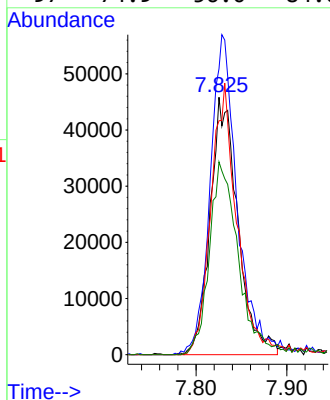
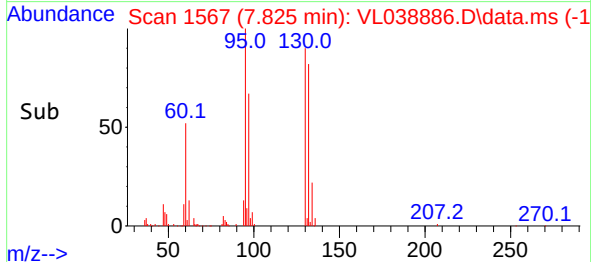
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



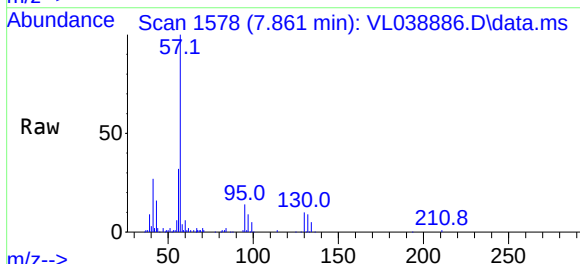
Tgt Ion:130 Resp: 97092
Ion Ratio Lower Upper
130 100
95 111.0 89.4 134.0
132 90.8 77.7 116.5
97 74.9 56.0 84.0

Manual Integrations
APPROVED

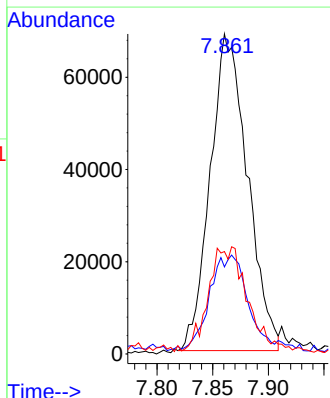
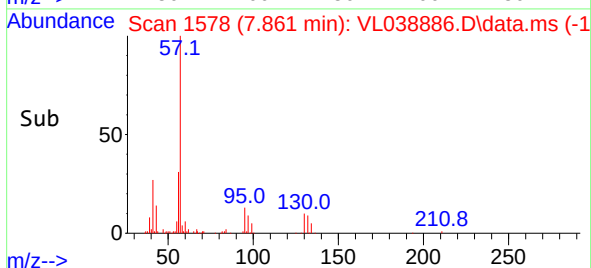
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

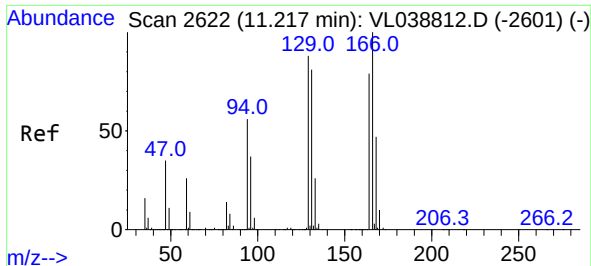


#44
2,2,4-Trimethylpentane
Concen: 0.345 ppbv
RT: 7.861 min Scan# 1578
Delta R.T. -0.007 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18



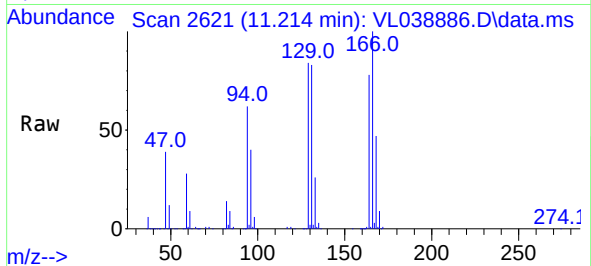
Tgt Ion: 57 Resp: 159888
Ion Ratio Lower Upper
57 100
41 34.4 25.0 37.4
56 38.8 25.3 37.9#





#52
Tetrachloroethene
Concen: 7.130 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

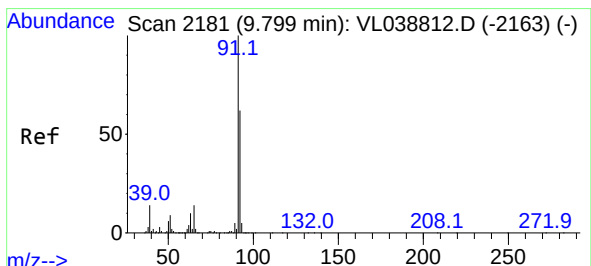
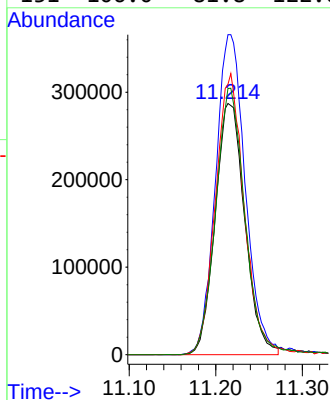
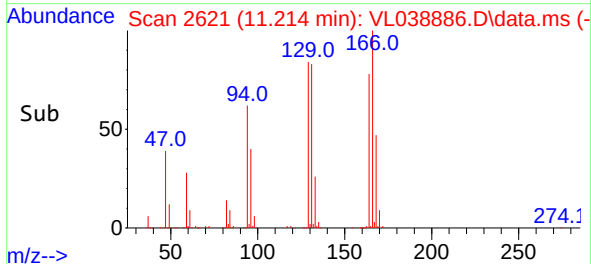
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion:164 Resp: 68134
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.6
129 107.6 88.7 133.1
131 106.0 81.8 122.6

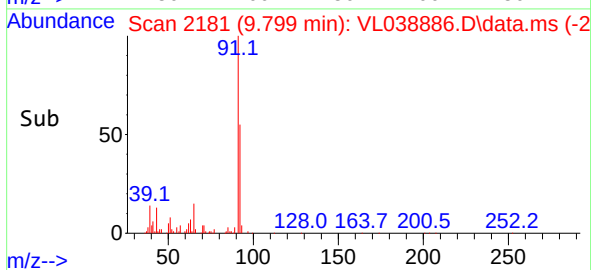
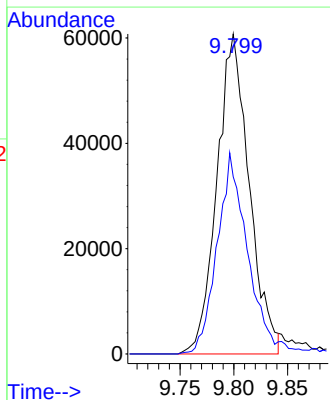
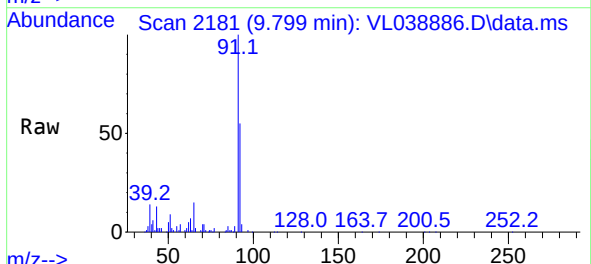
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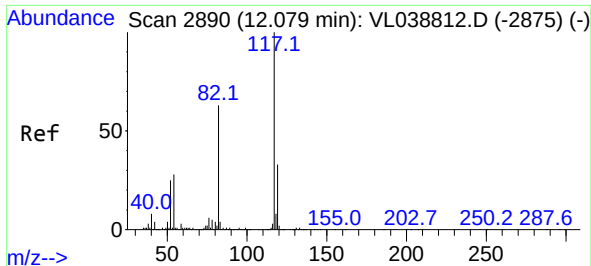
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#53
Toluene
Concen: 0.401 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

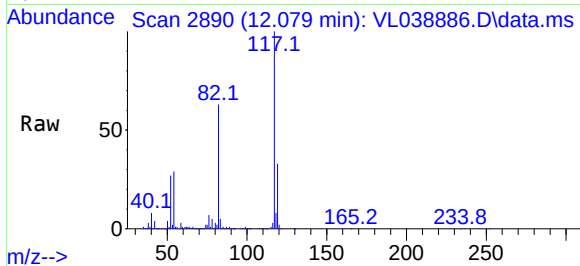
Tgt Ion: 91 Resp: 126548
Ion Ratio Lower Upper
91 100
92 61.5 49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

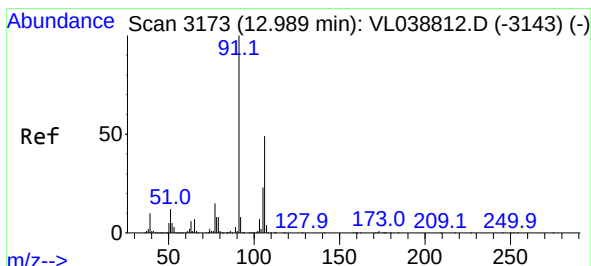
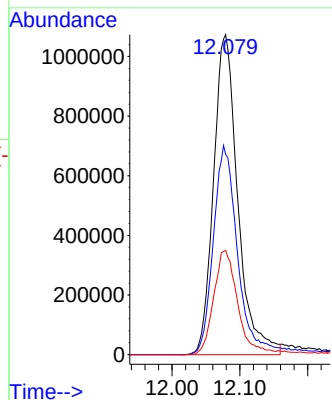
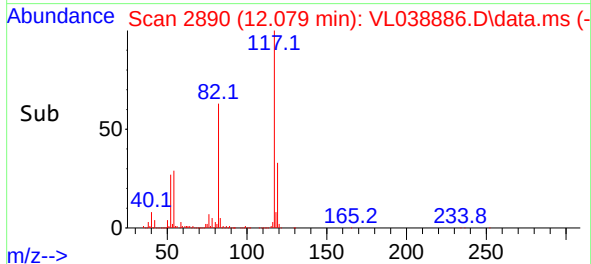
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



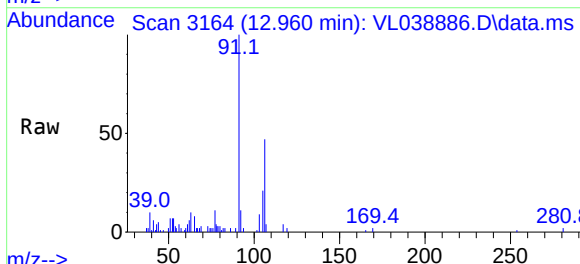
Tgt Ion:117 Resp: 266610
Ion Ratio Lower Upper
117 100
82 68.8 53.0 79.6
119 34.0 24.9 37.3

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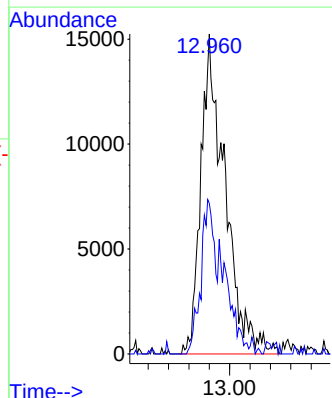
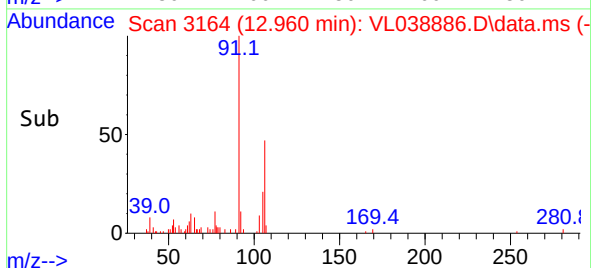
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

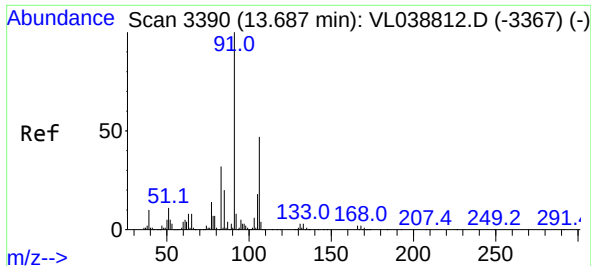


#59
m/p-Xylene
Concen: 0.150 ppbv m
RT: 12.960 min Scan# 3164
Delta R.T. -0.029 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18



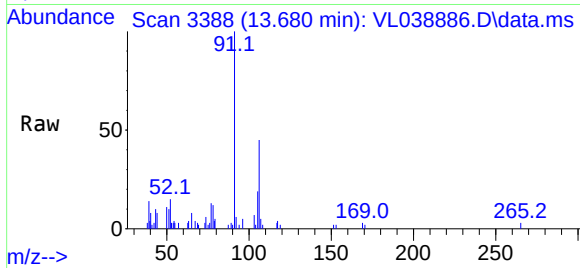
Tgt Ion: 91 Resp: 50040
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#





#60
o-Xylene
Concen: 0.063 ppbv m
RT: 13.680 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

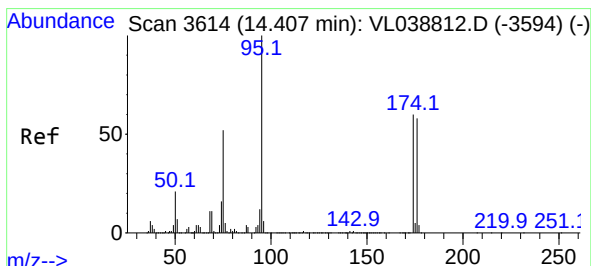
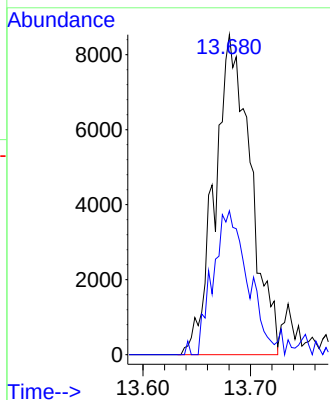
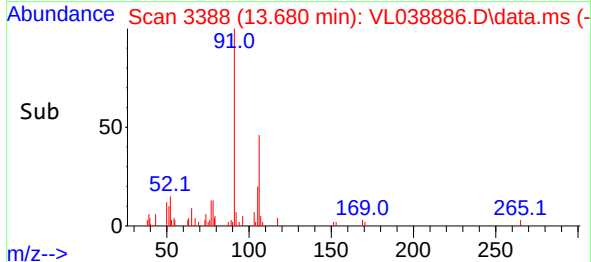
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT



Tgt Ion: 91 Resp: 1976
Ion Ratio Lower Upper
91 100
106 47.5 23.8 71.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.351 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VL038886.D
Acq: 12 Apr 2022 9:18

Tgt Ion: 95 Resp: 2093376
Ion Ratio Lower Upper
95 100
174 64.6 52.0 78.0
175 4.7 4.0 6.0

