

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038387.D
 Acq On : 22 Feb 2022 13:44
 Operator : SY/AP
 Sample : N1585-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-FAM4GL-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:03:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1015620	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2533402	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.069	117	2388178	10.000	ppbv	# 0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2031326 10.280 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	258675	1.608	ppbv	94
4) Chloromethane	3.140	50	41870	0.672	ppbv	100
5) Vinyl Chloride	3.256	62	417155	6.404	ppbv	95
7) Chloroethane	3.558	64	69858	3.339	ppbv	100
9) Propene	3.009	41	3562869	60.170	ppbv	87
10) Heptane	8.115	43	660896	4.585	ppbv	99
11) Trichlorofluoromethane	3.947	101	16841700	109.352	ppbv #	82
15) Acetone	3.841	43	1898620	21.983	ppbv #	55
18) 1,1-Dichloroethene	4.292	96	15379	0.310	ppbv #	61
20) Methylene Chloride	4.340	84	136276	3.185	ppbv	96
22) trans-1,2-Dichloroethene	4.880	96	17600	0.352	ppbv	98
24) 1,1-Dichloroethane	5.005	63	238071	2.314	ppbv	99
26) Hexane	5.684	57	963308	9.167	ppbv #	43
27) Carbon Disulfide	4.546	76	1534007	13.124	ppbv	98
28) Methyl tert-Butyl Ether	5.031	73	98260	0.918	ppbv	93
29) Chloroform	5.745	83	113427	0.661	ppbv	91
30) Cyclohexane	7.121	84	613292	7.136	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	1067966	10.490	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	452618	2.624	ppbv	99
34) 2-Butanone	5.240	43	358831	4.504	ppbv	96
35) Carbon Tetrachloride	7.015	117	12515	0.070	ppbv #	85
36) Benzene	6.883	78	2583290	11.583	ppbv	97
38) Trichloroethene	7.825	130	322451	3.969	ppbv	91
52) Tetrachloroethene	11.211	164	587450	7.935	ppbv	98
53) Toluene	9.790	91	1440720	5.950	ppbv	100
57) Chlorobenzene	12.127	112	844901	4.585	ppbv	100
58) Ethyl Benzene	12.690	91	435574	1.334	ppbv	99
59) m/p-Xylene	12.950	91	634298	2.262	ppbv	95
60) o-Xylene	13.674	91	486467	1.835	ppbv	99
61) Styrene	13.516	104	24168m	0.198	ppbv	
62) Isopropylbenzene	14.648	105	175564	0.493	ppbv	96
67) sec-Butylbenzene	17.275	105	67522	0.155	ppbv	99
69) p-Isopropyltoluene	17.635	119	141841	0.414	ppbv #	90
70) n-Butylbenzene	18.532	91	63621m	0.179	ppbv	
72) 4-Ethyltoluene	15.818	105	77680m	0.266	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	172791	0.651	ppbv	98
74) 1,2,4-Trimethylbenzene	16.744	105	239104	0.854	ppbv #	70
75) 1,3-Dichlorobenzene	16.982	146	65243	0.416	ppbv #	49
76) 1,4-Dichlorobenzene	17.121	146	185759	1.201	ppbv #	76
77) 1,2-Dichlorobenzene	17.796	146	99790	0.661	ppbv	87
79) Naphthalene	22.172	128	68078m	0.449	ppbv	
81) 1,2,4-Trichlorobenzene	21.908	180	16148m	0.176	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
Data File : VL038387.D
Acq On : 22 Feb 2022 13:44
Operator : SY/AP
Sample : N1585-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3

Quant Time: Feb 23 07:03:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 23 07:03:45 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

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

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

Manual Integrations

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

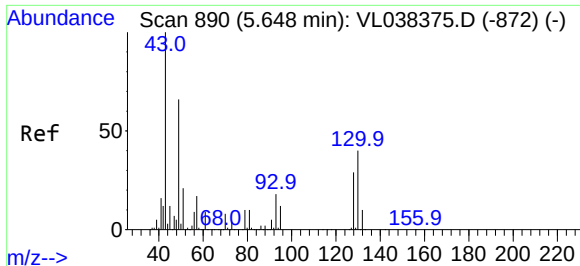
Abundance

TIC: VL038387.D\data.ms

Time-->

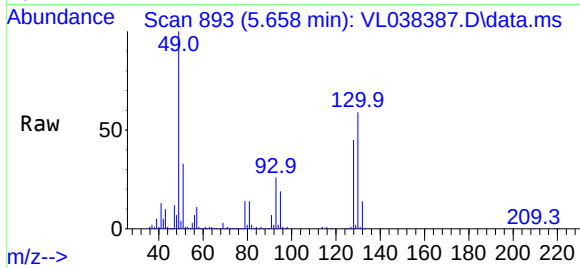
Labeled compounds (from left to right):

- Chloroacetaldehyde, T
- Dichlorodifluoromethane, T
- Propene, T
- Chloroethane
- Acetone, T
- 1,1-Dichloroethane, T
- Methyl Chloride, T
- Carbon Disulfide, T
- trans-1,2-Dichloroethane, T
- tert-Butoxy Ether, T
- 2-Butanone, T
- cis-1,2-Dichloroethane, T
- Chloroform, T
- 1,1,1-Trichloroethane, T
- Carbon Tetrachloride, T
- Benzene, T
- 1,4-Difluorobenzene, I
- Trichloroethene, T
- Heptane, T
- Toluene, T
- Tetrachloroethene, T
- Chlorobenzene, T
- Chlorobenzene-d5, I
- Ethyl Benzene, T
- m,p-Xylene, T
- Syrene, T
- p-Xylene, T
- Isopropylbenzene
- 1-Bromo-4-Fluorobenzene, S
- 4-Ethyltoluene, T
- 1,3,5-Trimethylbenzene, T
- 1,2,4-Trimethylbenzene, T
- sec-Butylbenzene
- p-Toluenesulfonic acid, T
- p-Isopropyltoluene, T
- n-Butylbenzene
- 1,2,4-Trichlorobenzene, T
- Naphthalene, T



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 89
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

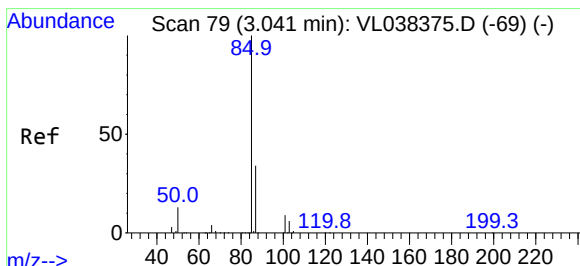
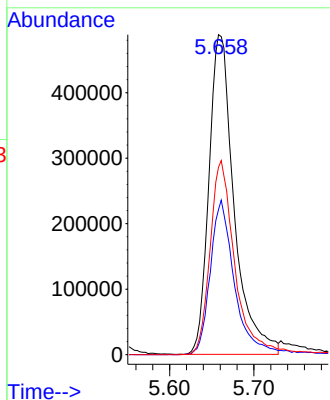
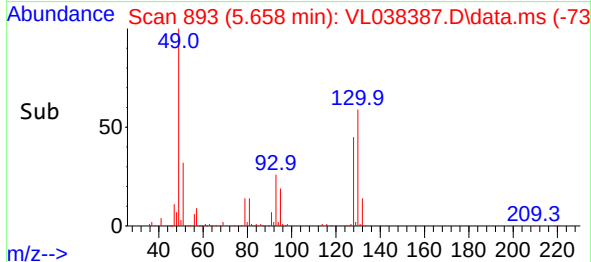
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



Tgt Ion: 49 Resp: 1015620
Ion Ratio Lower Upper
49 100
128 48.1 24.3 72.9
130 60.6 30.1 90.5

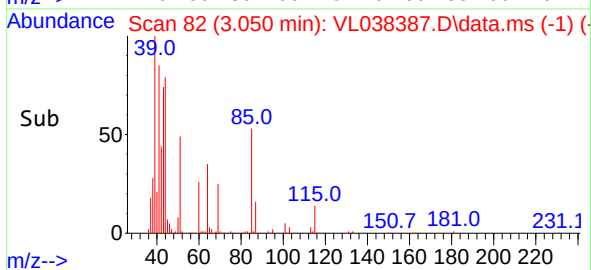
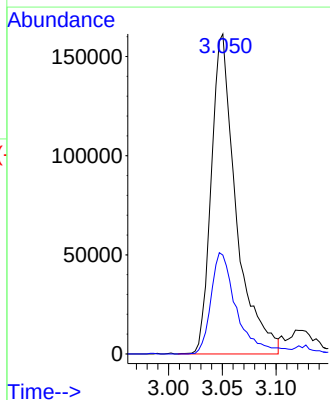
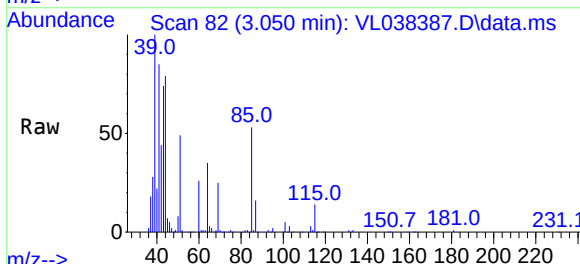
Manual Integrations
APPROVED

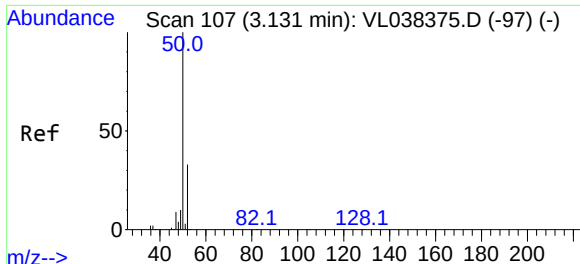
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#2
Dichlorodifluoromethane
Concen: 1.608 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

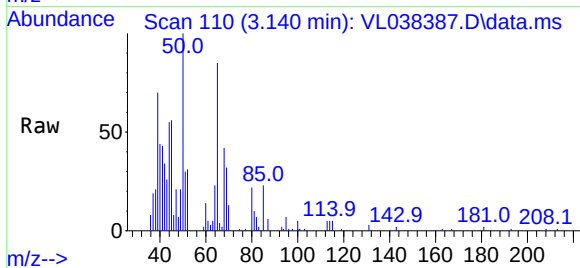
Tgt Ion: 85 Resp: 258675
Ion Ratio Lower Upper
85 100
87 30.9 27.4 41.0





#4
Chloromethane
Concen: 0.672 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

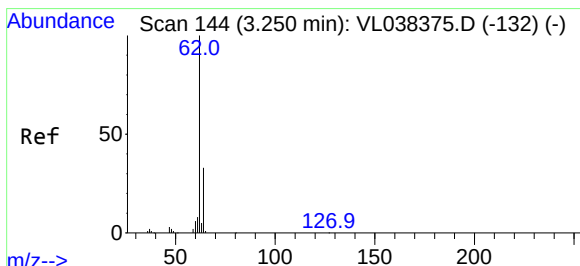
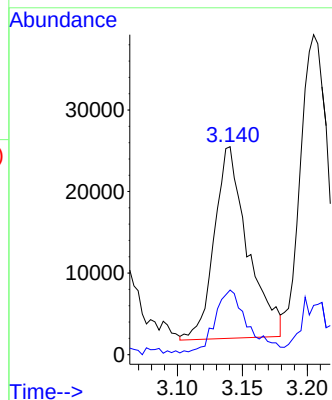
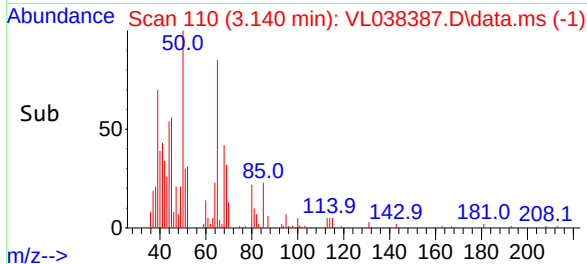
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



Tgt Ion: 50 Resp: 41870
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

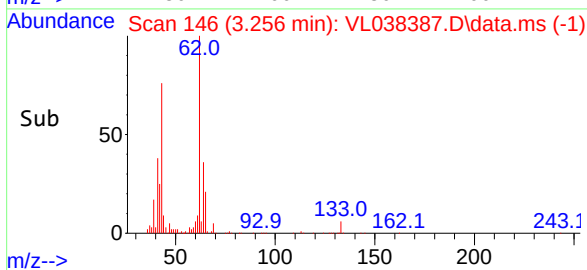
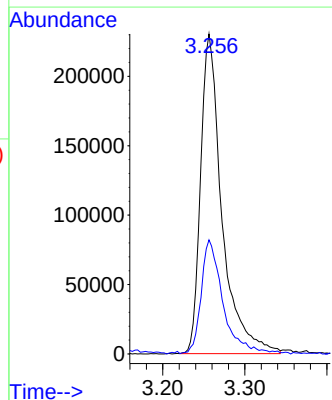
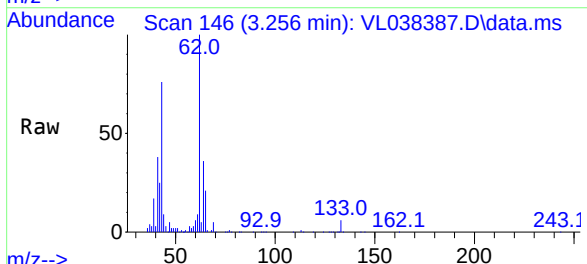
Manual Integrations
APPROVED

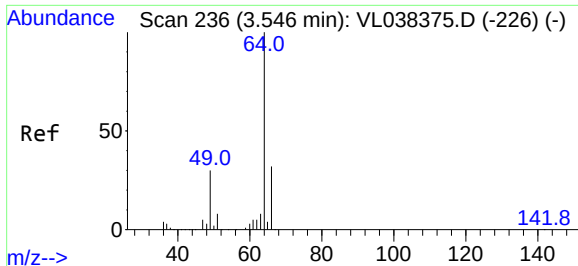
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#5
Vinyl Chloride
Concen: 6.404 ppbv
RT: 3.256 min Scan# 146
Delta R.T. 0.007 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 62 Resp: 417155
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.2





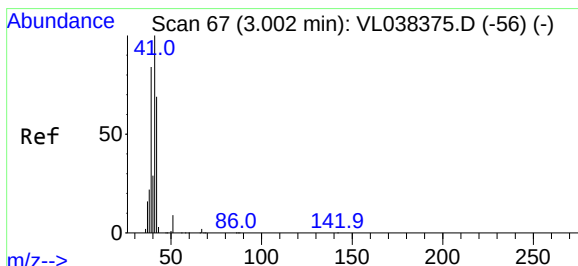
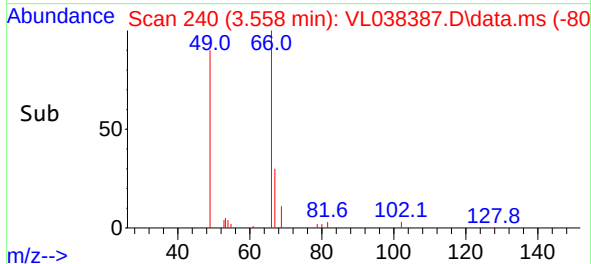
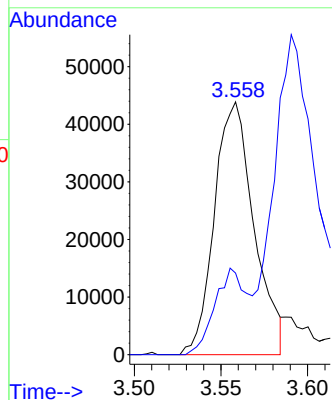
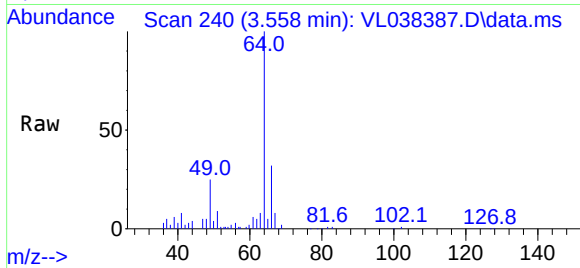
#7
Chloroethane
Concen: 3.339 ppbv
RT: 3.558 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3

Tgt Ion: 64 Resp: 69858
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9

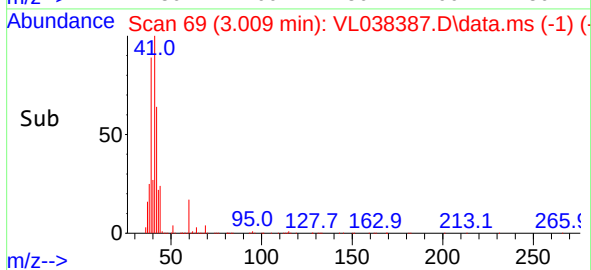
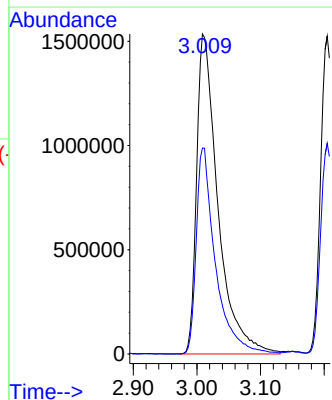
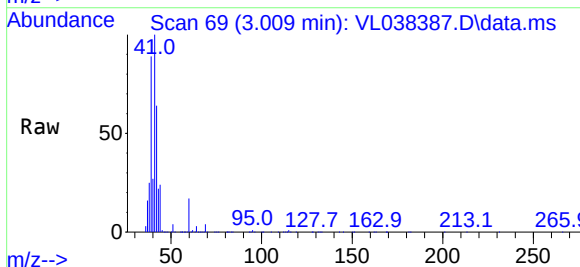
Manual Integrations
APPROVED

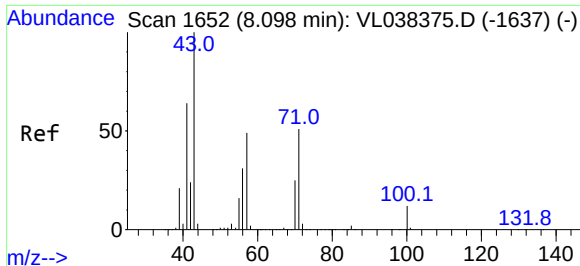
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#9
Propene
Concen: 60.170 ppbv
RT: 3.009 min Scan# 69
Delta R.T. 0.006 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 41 Resp: 3562869
Ion Ratio Lower Upper
41 100
42 57.9 54.6 82.0





#10

Heptane

Concen: 4.585 ppbv

RT: 8.115 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL038387.D

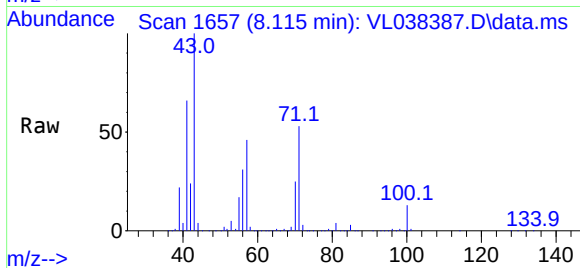
Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_L

ClientSampleId :

SG-FAM4GL-3



Tgt Ion: 43 Resp: 660890

Ion Ratio Lower Upper

43 100

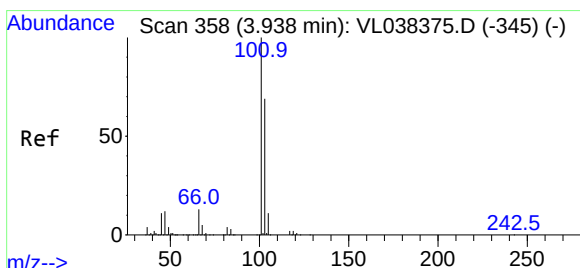
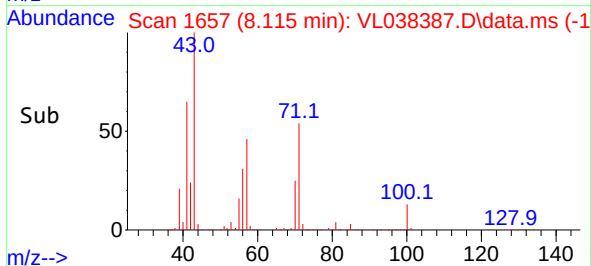
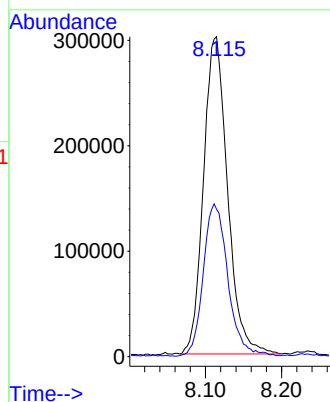
57 49.2 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#11

Trichlorofluoromethane

Concen: 109.352 ppbv

RT: 3.947 min Scan# 361

Delta R.T. 0.010 min

Lab File: VL038387.D

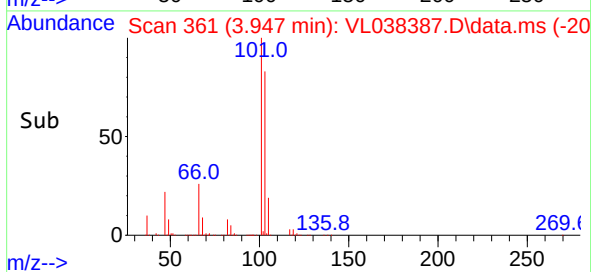
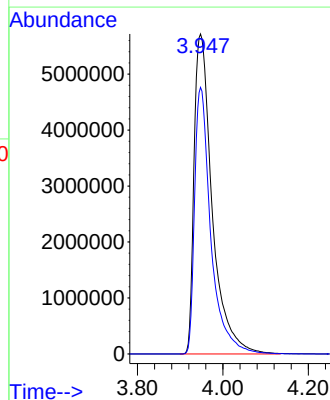
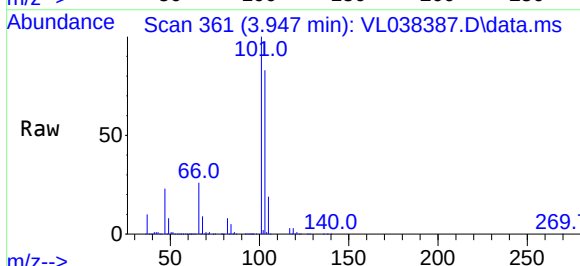
Acq: 22 Feb 2022 13:44

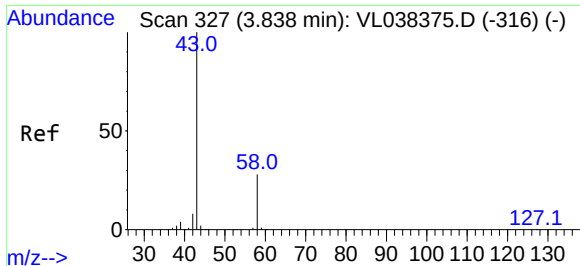
Tgt Ion:101 Resp:16841700

Ion Ratio Lower Upper

101 100

103 83.3 55.0 82.4#





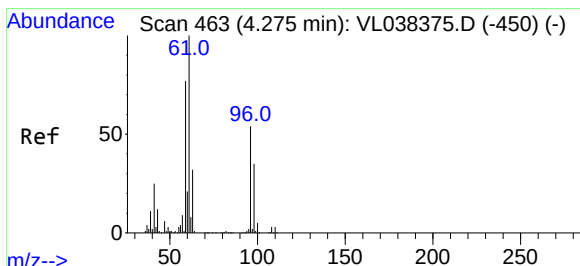
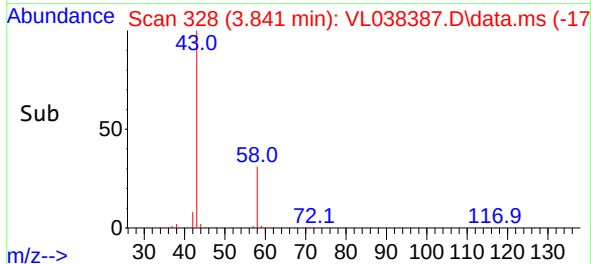
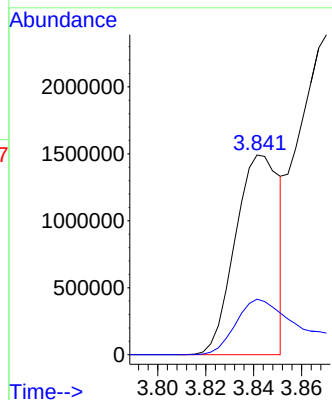
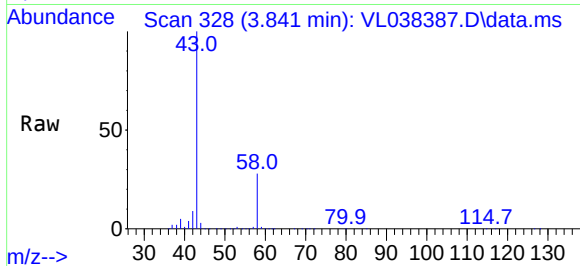
#15
Acetone
Concen: 21.983 ppbv
RT: 3.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3

Tgt Ion: 43 Resp: 1898620
Ion Ratio Lower Upper
43 100
58 50.3 21.7 32.5

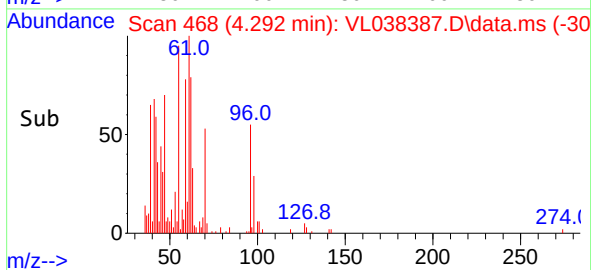
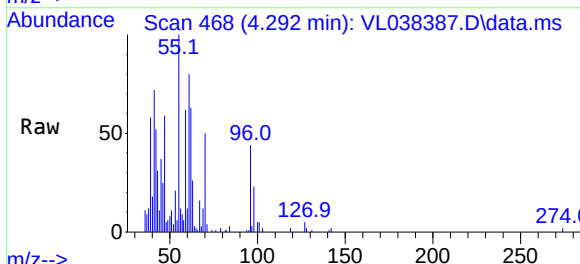
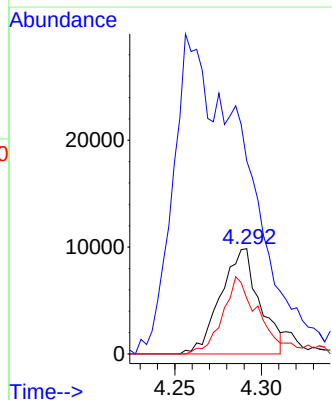
Manual Integrations
APPROVED

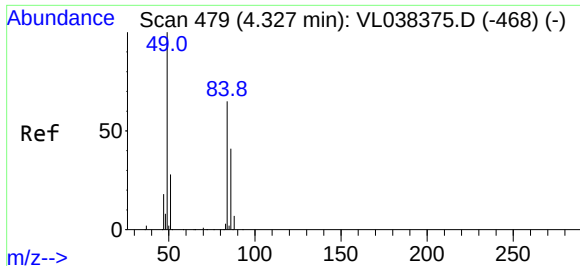
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#18
1,1-Dichloroethene
Concen: 0.310 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

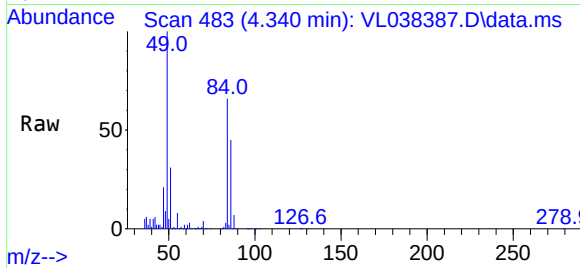
Tgt Ion: 96 Resp: 15379
Ion Ratio Lower Upper
96 100
61 116.7 146.8 220.2#
98 49.8 51.5 77.3#





#20
Methylene Chloride
Concen: 3.185 ppbv
RT: 4.340 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

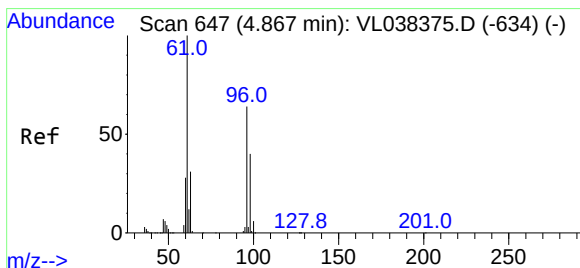
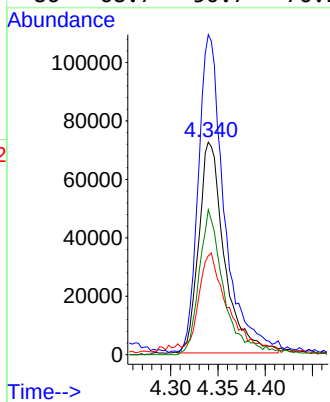
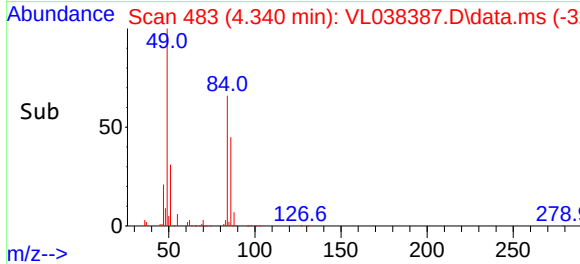
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



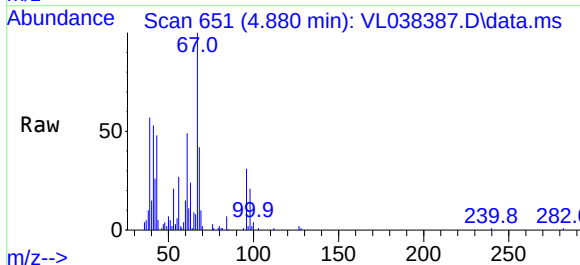
Tgt Ion: 84 Resp: 136270
Ion Ratio Lower Upper
84 100
49 150.2 122.4 183.6
51 44.2 33.3 49.9
86 68.7 50.7 76.1

Manual Integrations
APPROVED

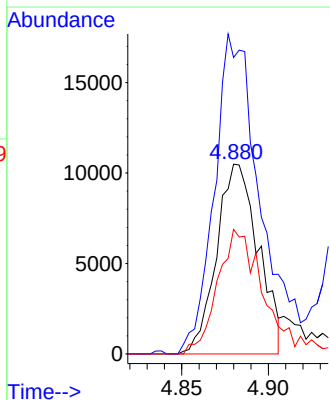
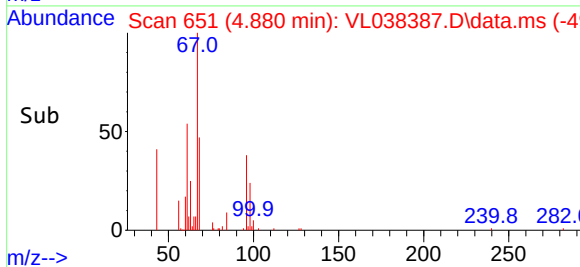
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

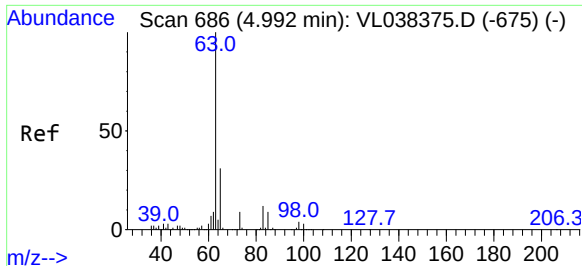


#22
trans-1,2-Dichloroethene
Concen: 0.352 ppbv
RT: 4.880 min Scan# 651
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



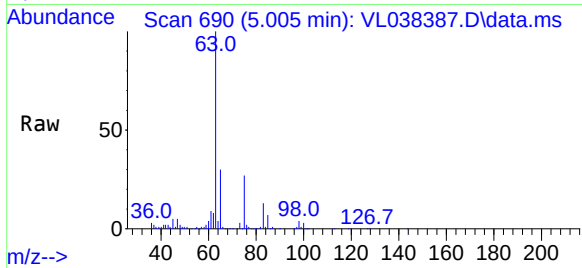
Tgt Ion: 96 Resp: 17600
Ion Ratio Lower Upper
96 100
61 156.2 124.2 186.4
98 65.7 49.1 73.7





#24
1,1-Dichloroethane
Concen: 2.314 ppbv
RT: 5.005 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

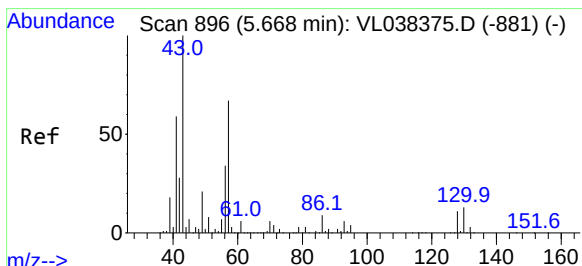
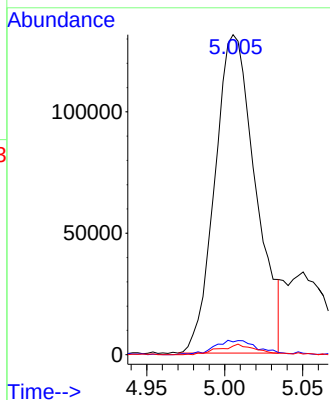
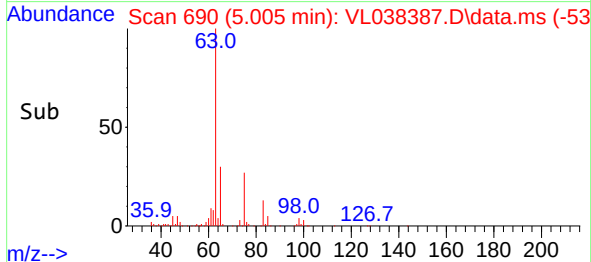
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



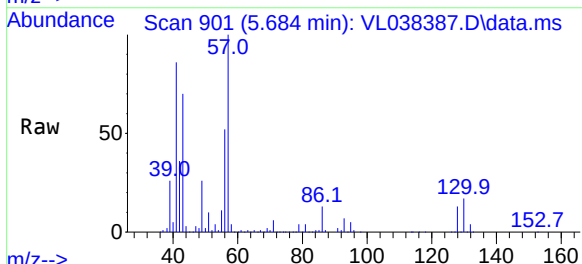
Tgt Ion: 63 Resp: 23807
Ion Ratio Lower Upper
63 100
98 3.9 2.1 6.5
100 2.9 1.4 4.2

Manual Integrations
APPROVED

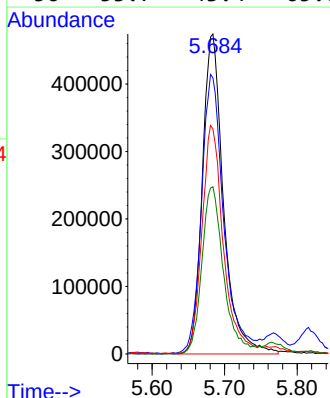
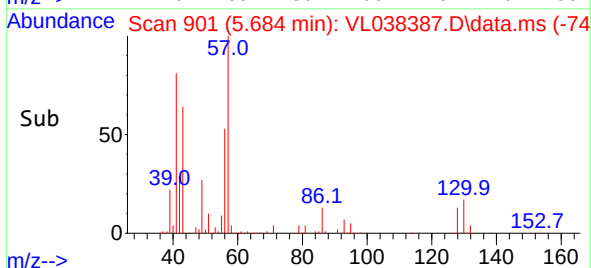
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

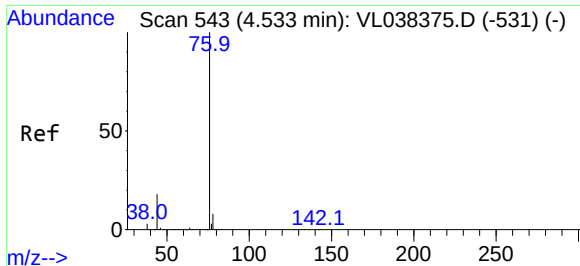


#26
Hexane
Concen: 9.167 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



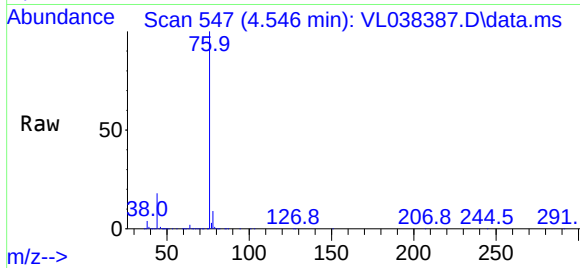
Tgt Ion: 57 Resp: 963308
Ion Ratio Lower Upper
57 100
41 91.8 73.1 109.7
43 74.7 181.0 271.4#
56 53.7 43.4 65.0





#27
Carbon Disulfide
Concen: 13.124 ppbv
RT: 4.546 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3

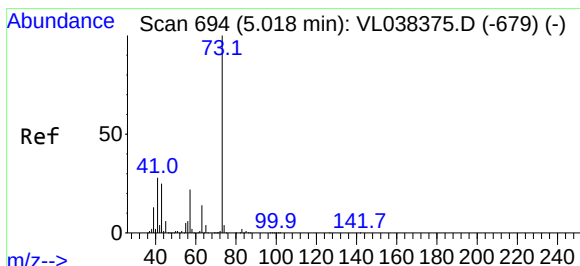
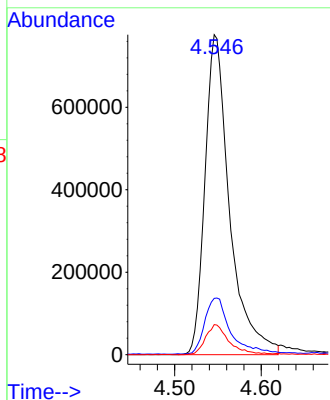
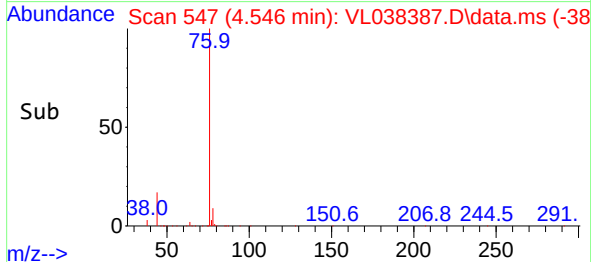


Tgt Ion: 76 Resp: 153400

Ion	Ratio	Lower	Upper
76	100		
44	18.8	14.2	21.2
78	9.4	7.8	11.6

Manual Integrations
APPROVED

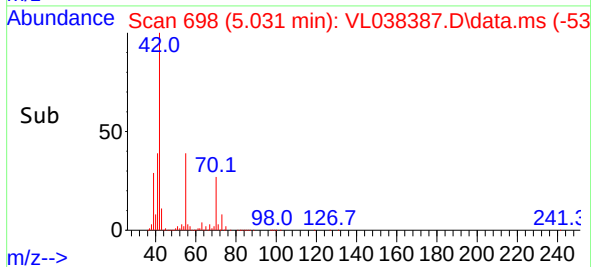
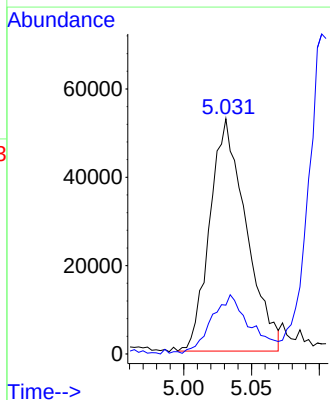
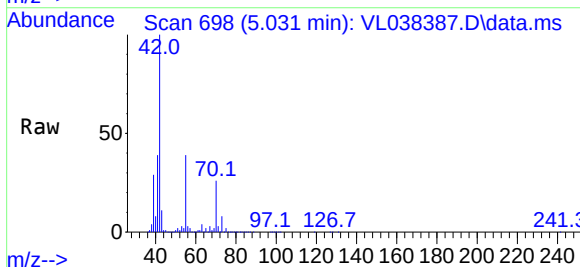
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

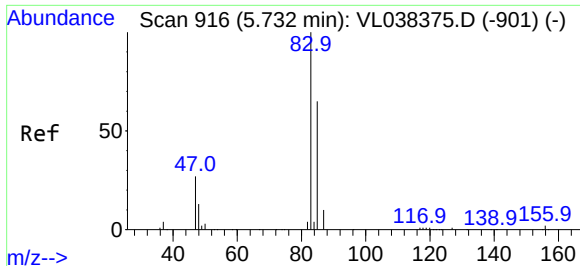


#28
Methyl tert-Butyl Ether
Concen: 0.918 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 73 Resp: 98260

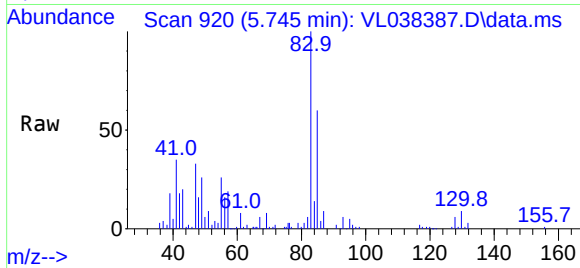
Ion	Ratio	Lower	Upper
73	100		
57	26.0	18.2	27.4





#29
Chloroform
Concen: 0.661 ppbv
RT: 5.745 min Scan# 916
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

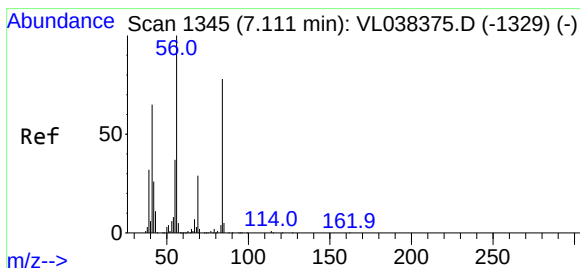
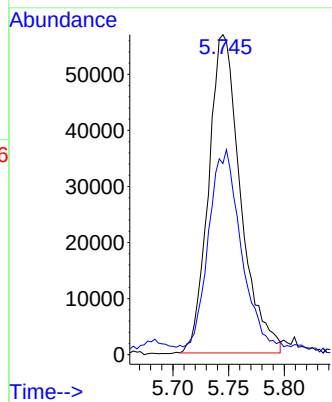
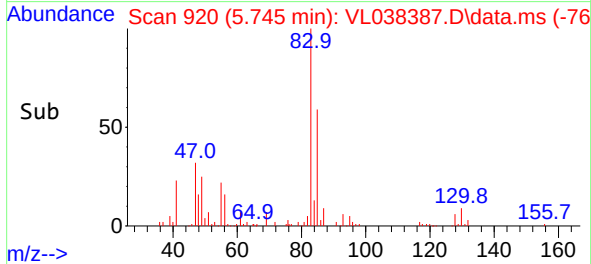
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



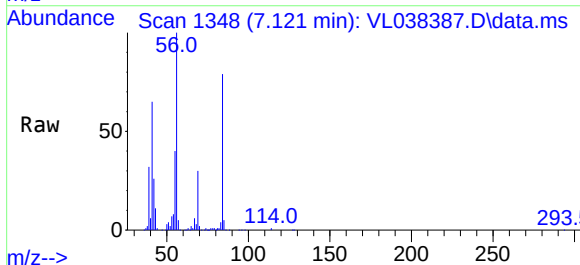
Tgt Ion: 83 Resp: 11342
Ion Ratio Lower Upper
83 100
85 57.2 51.6 77.4

Manual Integrations
APPROVED

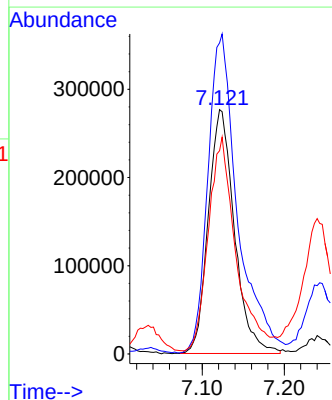
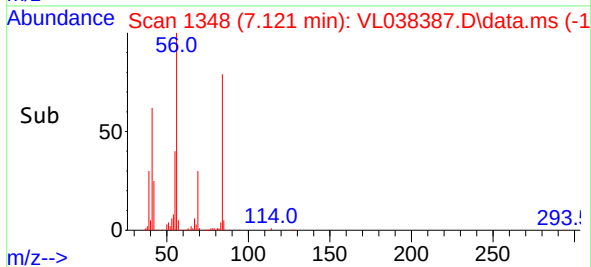
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

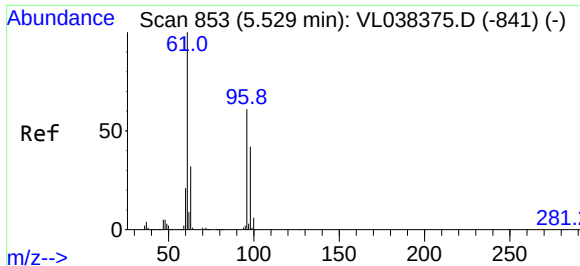


#30
Cyclohexane
Concen: 7.136 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



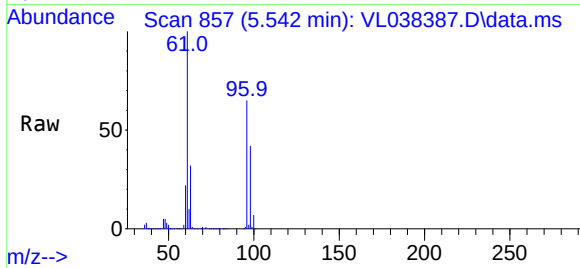
Tgt Ion: 84 Resp: 613292
Ion Ratio Lower Upper
84 100
56 146.7 116.2 174.4
41 92.8 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 10.490 ppbv
RT: 5.542 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

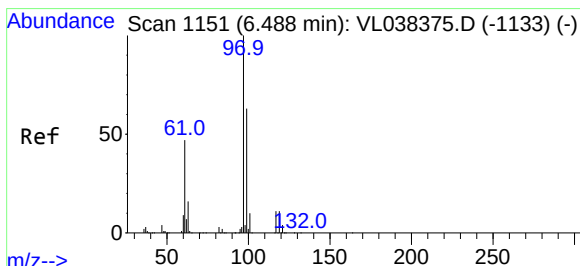
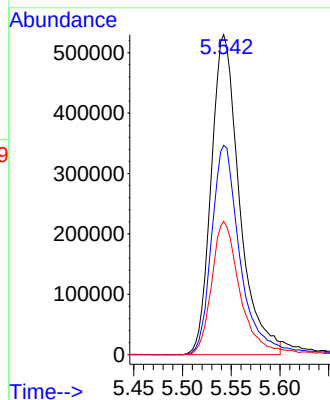
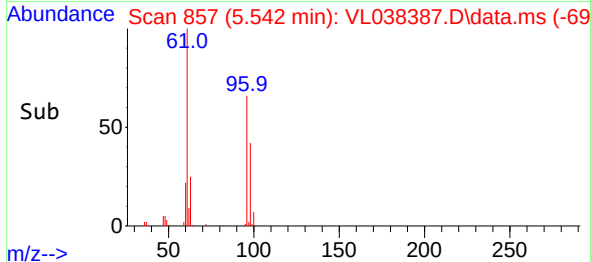
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



Tgt Ion: 61 Resp: 1067960
Ion Ratio Lower Upper
61 100
96 65.4 48.6 73.0
98 41.7 33.2 49.8

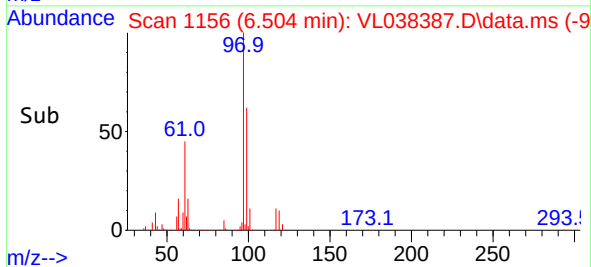
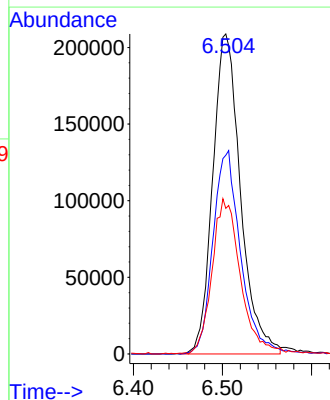
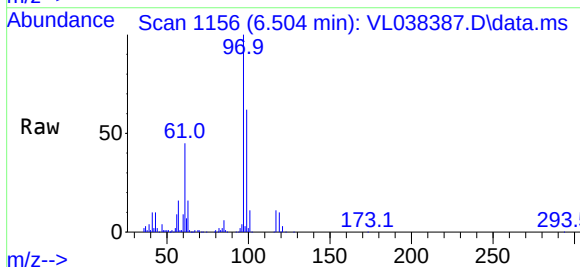
Manual Integrations
APPROVED

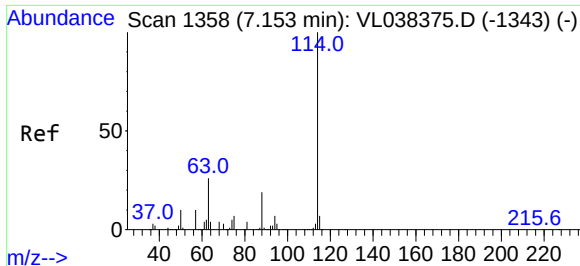
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#32
1,1,1-Trichloroethane
Concen: 2.624 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

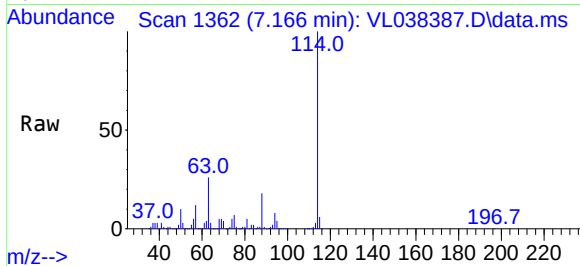
Tgt Ion: 97 Resp: 452618
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 50.3 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

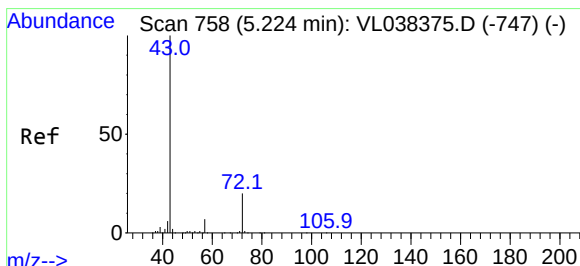
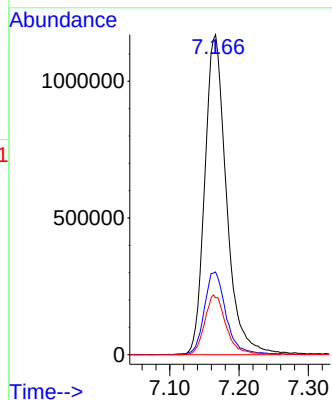
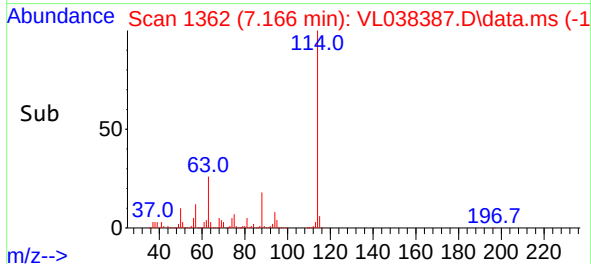
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



Tgt Ion:114 Resp: 253340
Ion Ratio Lower Upper
114 100
63 26.5 22.2 33.2
88 18.6 15.2 22.8

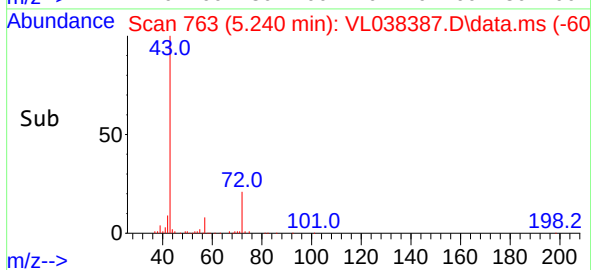
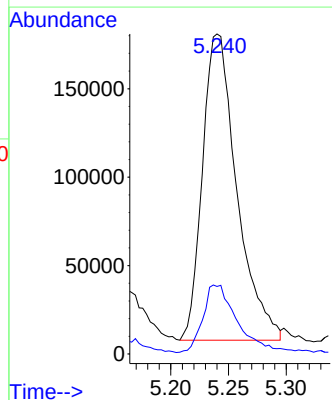
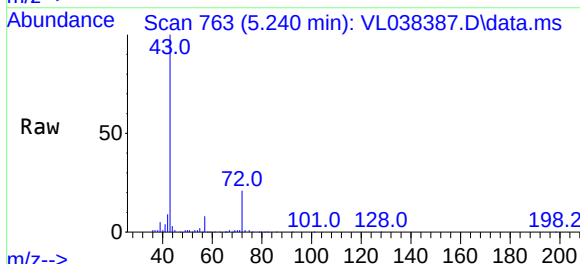
Manual Integrations
APPROVED

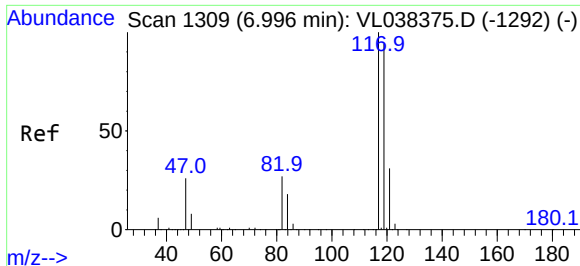
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#34
2-Butanone
Concen: 4.504 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

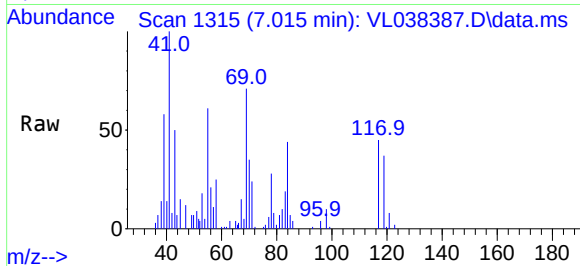
Tgt Ion: 43 Resp: 358831
Ion Ratio Lower Upper
43 100
72 23.9 17.4 26.2





#35
Carbon Tetrachloride
Concen: 0.070 ppbv
RT: 7.015 min Scan# 117
Delta R.T. 0.019 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

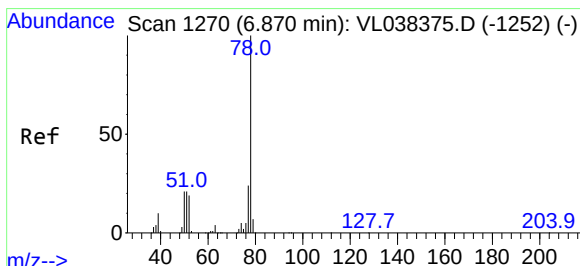
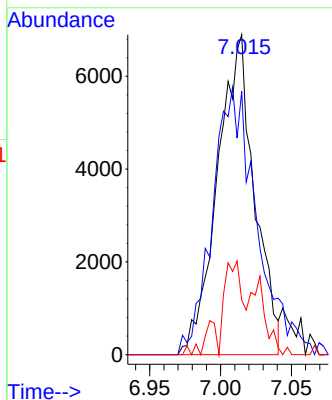
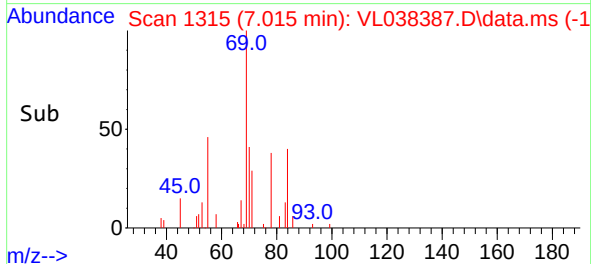
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



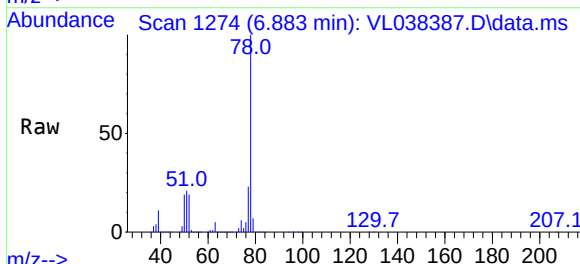
Tgt Ion: 117 Resp: 1251
Ion Ratio Lower Upper
117 100
119 82.3 74.9 112.3
121 17.1 24.8 37.2

Manual Integrations
APPROVED

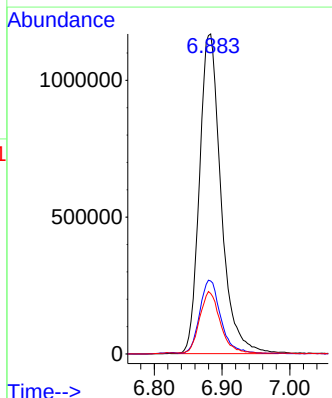
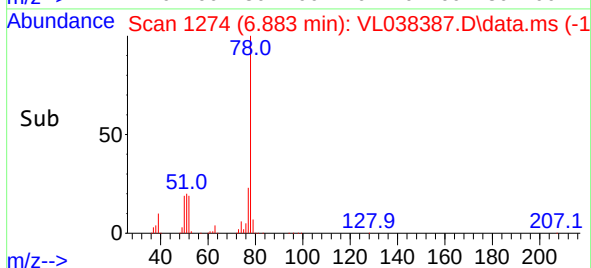
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

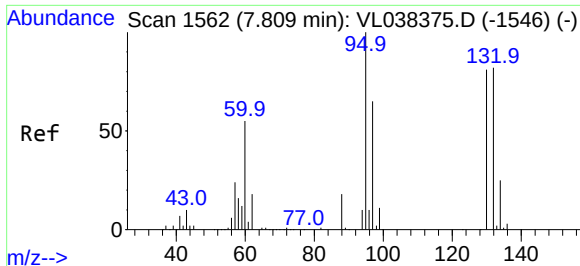


#36
Benzene
Concen: 11.583 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



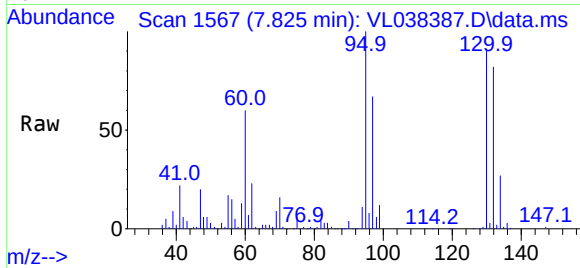
Tgt Ion: 78 Resp: 2583290
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6
50 18.7 16.6 24.8





#38
Trichloroethene
Concen: 3.969 ppbv
RT: 7.825 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

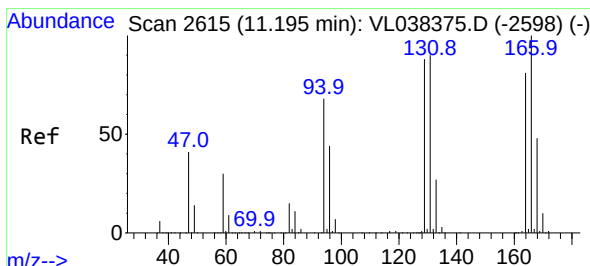
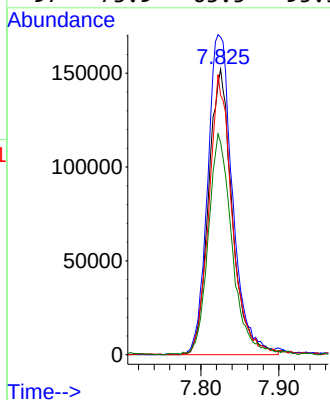
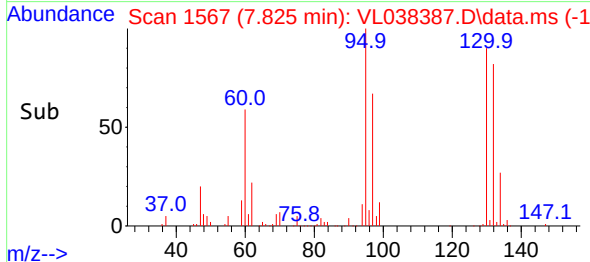
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



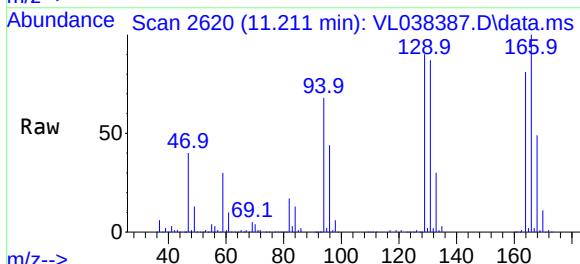
Tgt Ion:130 Resp: 32245
Ion Ratio Lower Upper
130 100
95 111.2 98.1 147.1
132 90.9 80.3 120.5
97 73.9 63.5 95.3

Manual Integrations
APPROVED

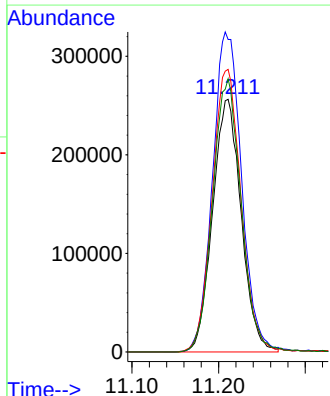
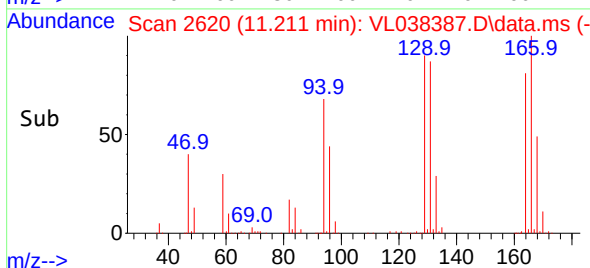
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

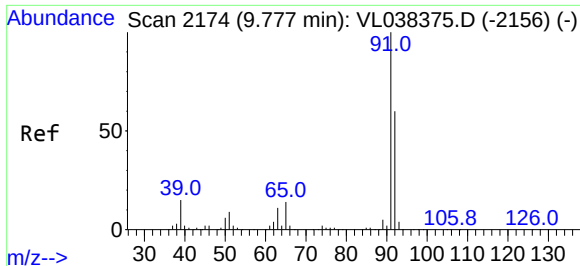


#52
Tetrachloroethene
Concen: 7.935 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



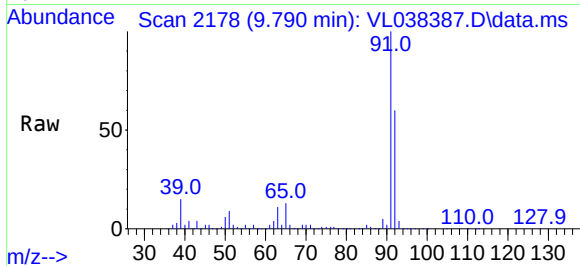
Tgt Ion:164 Resp: 587450
Ion Ratio Lower Upper
164 100
166 123.6 98.6 148.0
129 111.8 86.9 130.3
131 108.1 88.6 133.0





#53
Toluene
Concen: 5.950 ppbv
RT: 9.790 min Scan# 2174
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

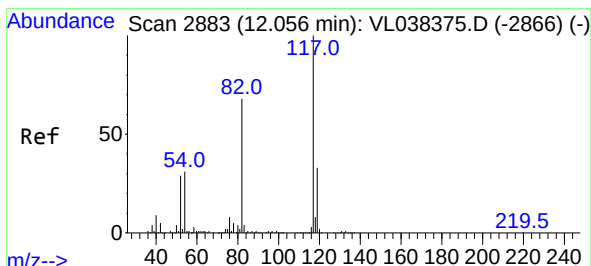
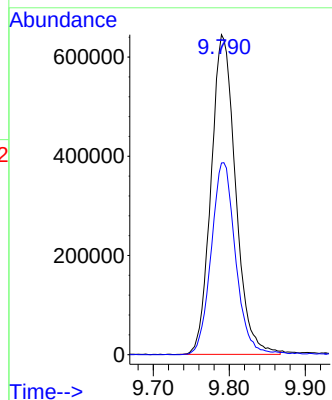
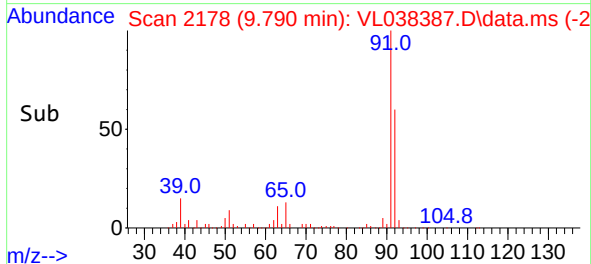
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



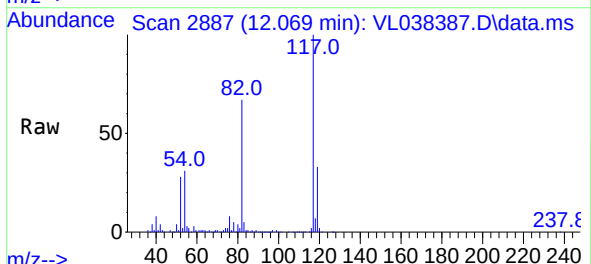
Tgt Ion: 91 Resp: 1440720
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

Manual Integrations
APPROVED

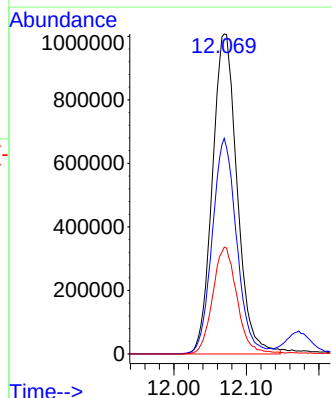
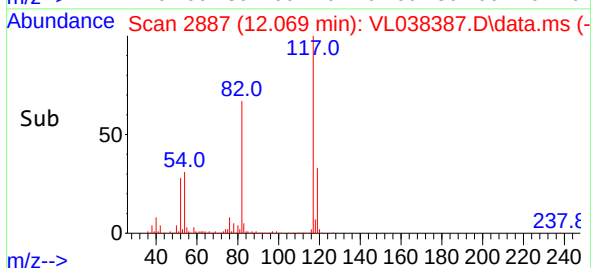
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

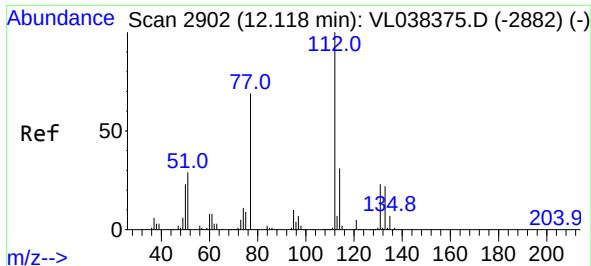


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



Tgt Ion:117 Resp: 2388178
Ion Ratio Lower Upper
117 100
82 66.5 54.9 82.3
119 33.2 46.1 69.1#





#57

Chlorobenzene

Concen: 4.585 ppbv

RT: 12.127 min Scan# 2905

Delta R.T. 0.010 min

Lab File: VL038387.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_L

ClientSampleId :

SG-FAM4GL-3

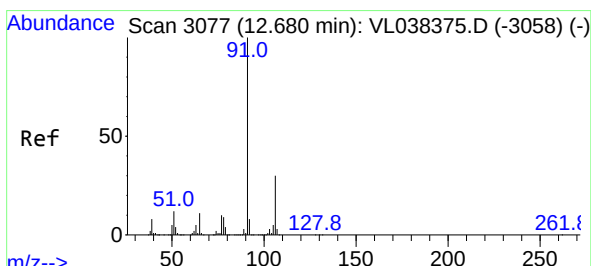
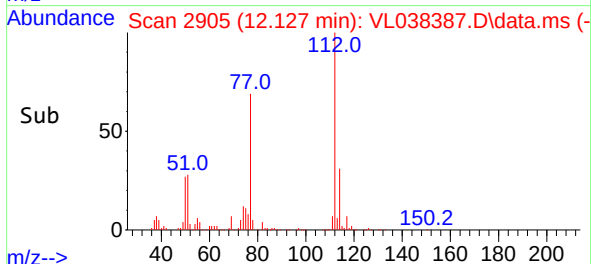
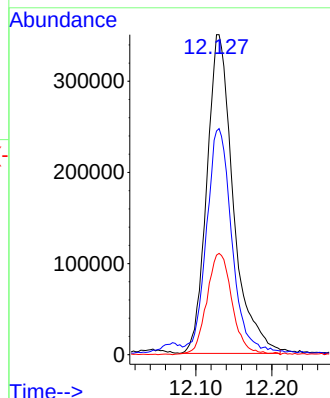
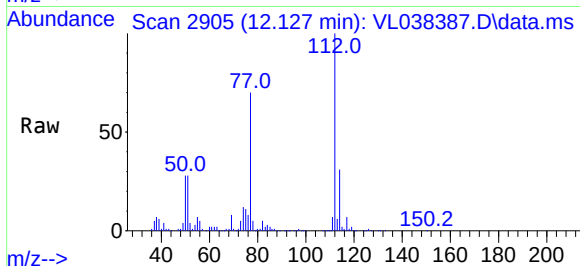
Tgt Ion: 112 Resp: 84490

Ion	Ratio	Lower	Upper
112	100		
77	69.0	55.2	82.8
114	31.2	27.9	34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#58

Ethyl Benzene

Concen: 1.334 ppbv

RT: 12.690 min Scan# 3080

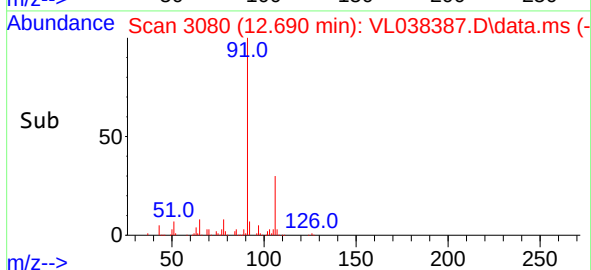
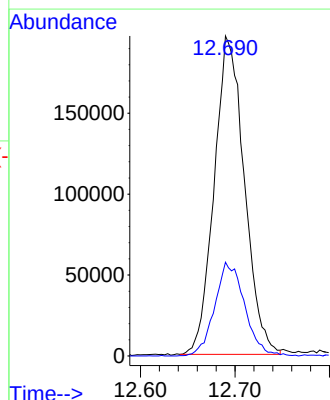
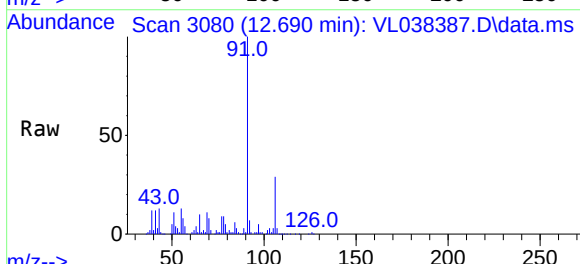
Delta R.T. 0.010 min

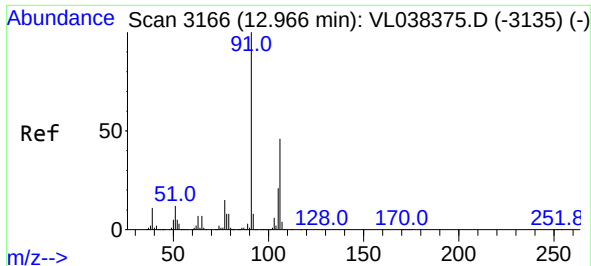
Lab File: VL038387.D

Acq: 22 Feb 2022 13:44

Tgt Ion: 91 Resp: 435574

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.0	36.0





#59

m/p-Xylene

Concen: 2.262 ppbv

RT: 12.950 min Scan# 3166

Delta R.T. -0.016 min

Lab File: VL038387.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_L

ClientSampleId :

SG-FAM4GL-3

Tgt Ion: 91 Resp: 634298

Ion Ratio Lower Upper

91 100

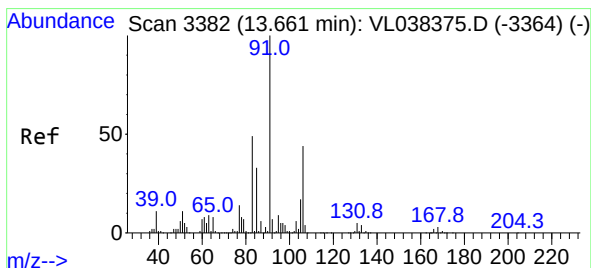
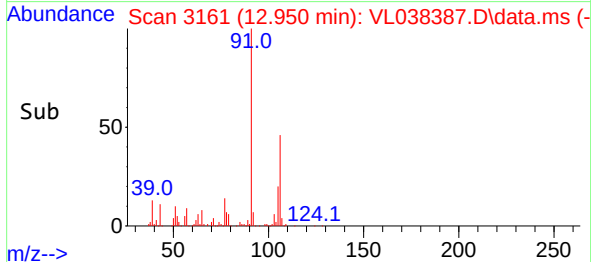
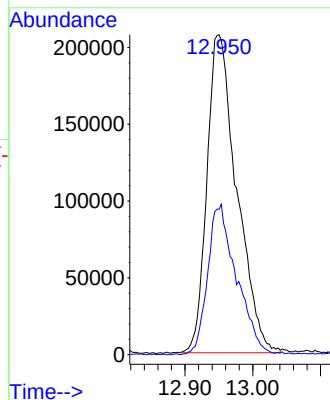
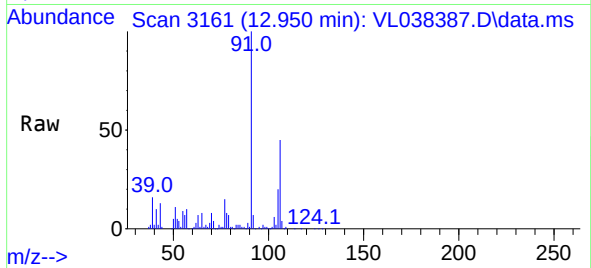
106 46.0 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#60

o-Xylene

Concen: 1.835 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. 0.013 min

Lab File: VL038387.D

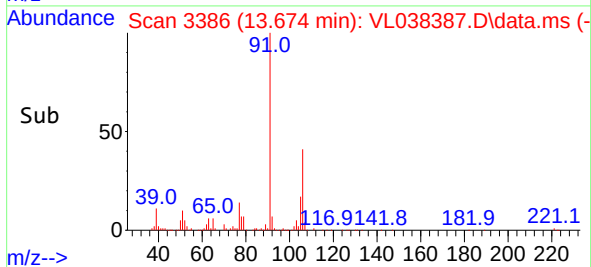
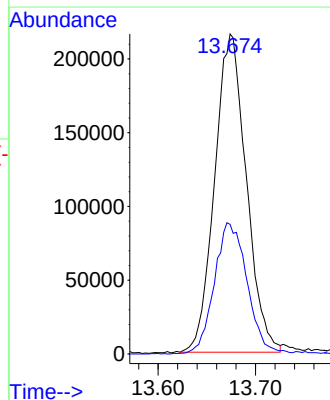
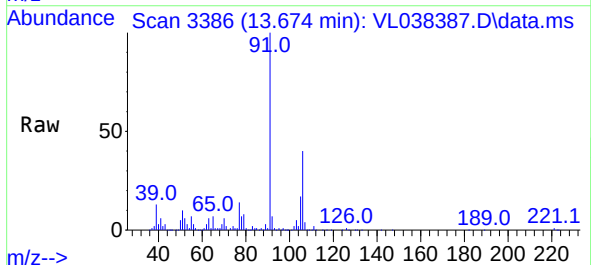
Acq: 22 Feb 2022 13:44

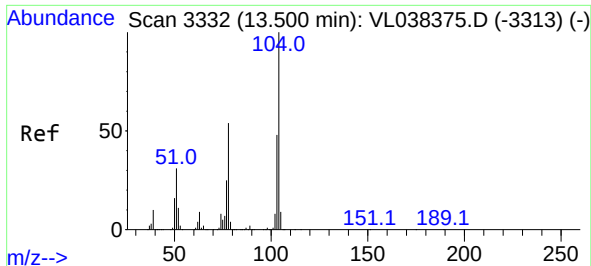
Tgt Ion: 91 Resp: 486467

Ion Ratio Lower Upper

91 100

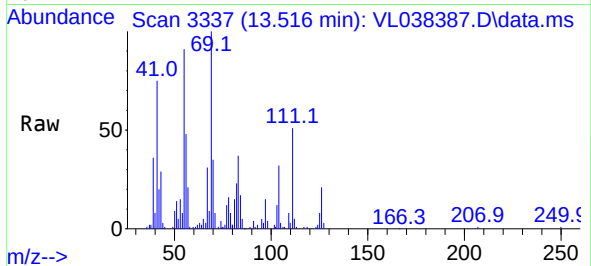
106 43.3 21.9 65.5





#61
Styrene
Concen: 0.198 ppbv m
RT: 13.516 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

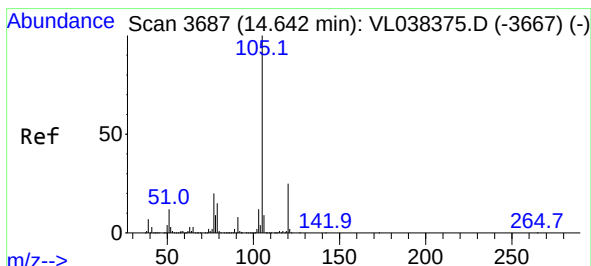
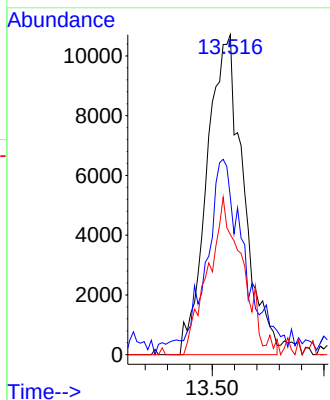
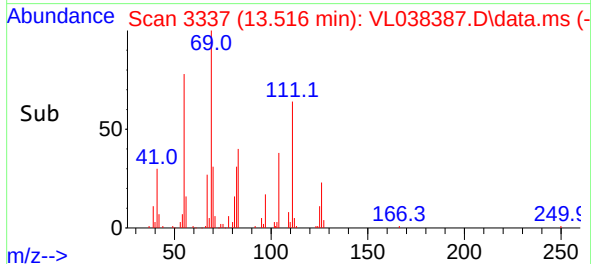
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



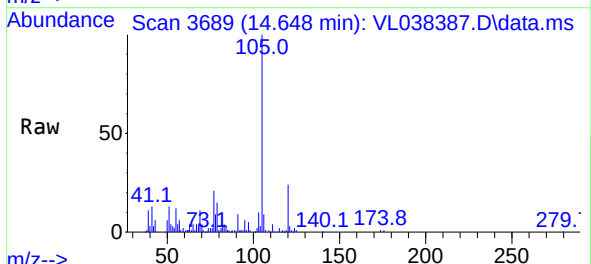
Tgt Ion:104 Resp: 2416
Ion Ratio Lower Upper
104 100
78 69.0 44.2 66.4
103 48.5 38.4 57.6

Manual Integrations
APPROVED

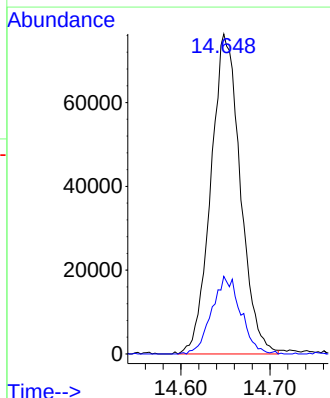
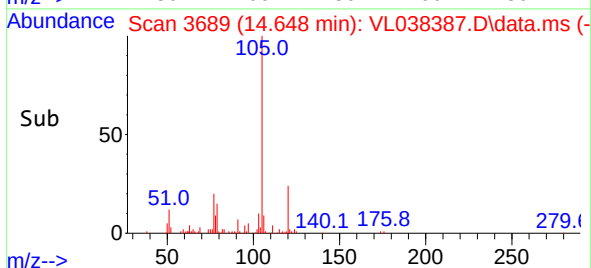
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

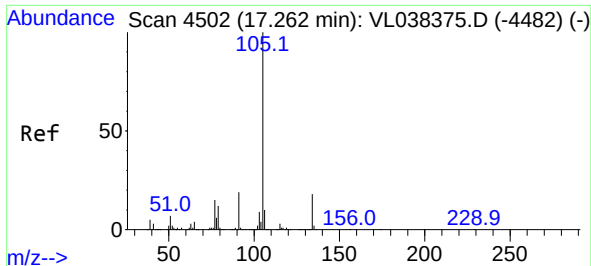


#62
Isopropylbenzene
Concen: 0.493 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. 0.006 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



Tgt Ion:105 Resp: 175564
Ion Ratio Lower Upper
105 100
120 23.8 20.6 30.8





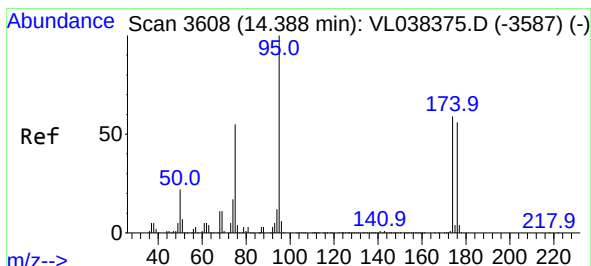
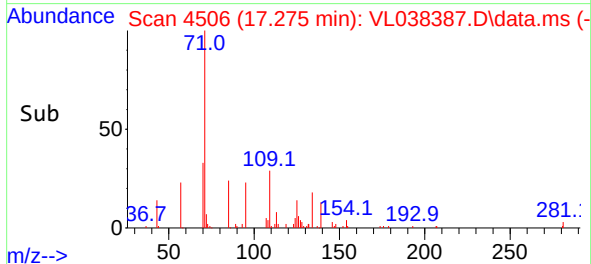
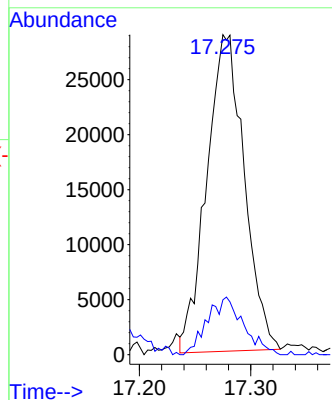
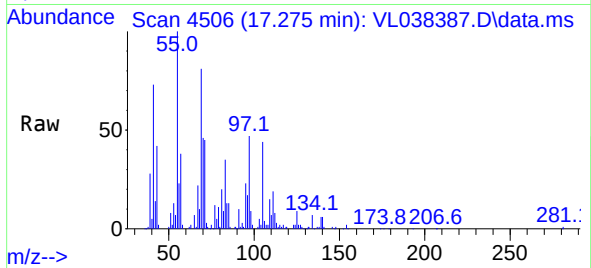
#67
 sec-Butylbenzene
 Concen: 0.155 ppbv
 RT: 17.275 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL038387.D
 Acq: 22 Feb 2022 13:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-FAM4GL-3

Tgt Ion: 105 Resp: 6752
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.6 21.8

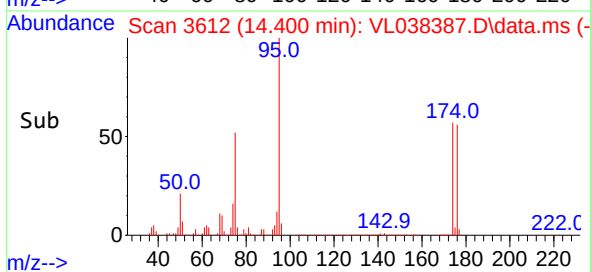
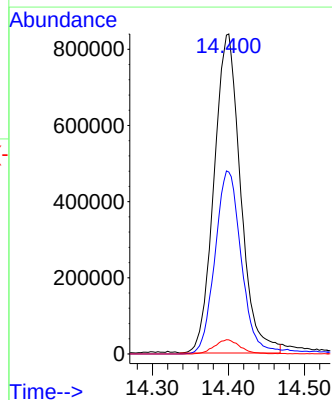
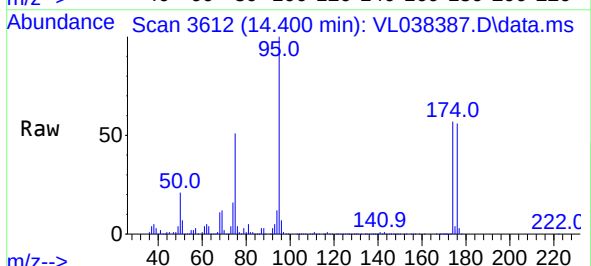
Manual Integrations
 APPROVED

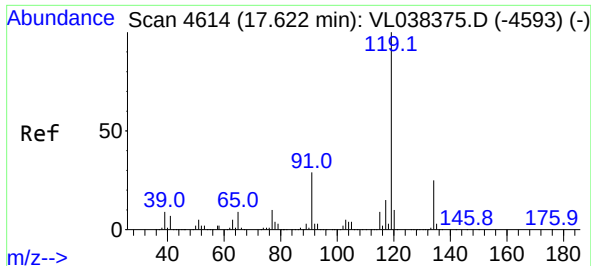
Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.280 ppbv
 RT: 14.400 min Scan# 3612
 Delta R.T. 0.013 min
 Lab File: VL038387.D
 Acq: 22 Feb 2022 13:44

Tgt Ion: 95 Resp: 2031326
 Ion Ratio Lower Upper
 95 100
 174 58.9 49.0 73.4
 175 4.5 3.6 5.4





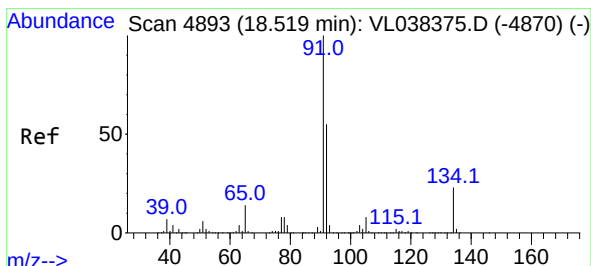
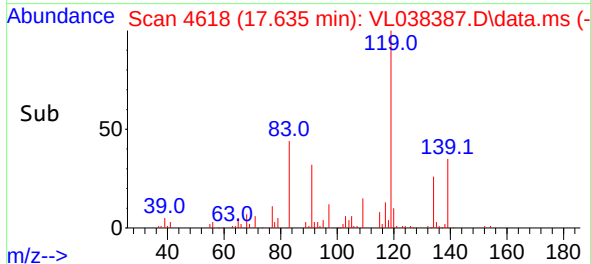
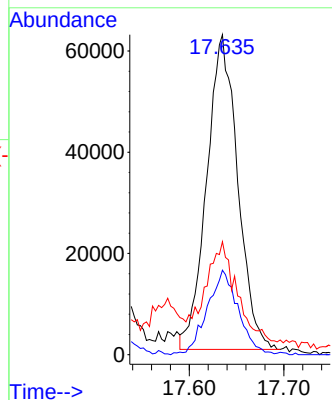
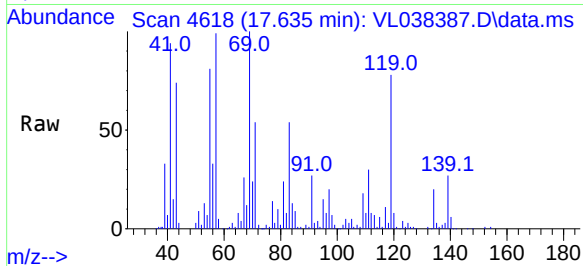
#69
p-Isopropyltoluene
Concen: 0.414 ppbv
RT: 17.635 min Scan# 4618
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3

Tgt Ion: 119 Resp: 14184
Ion Ratio Lower Upper
119 100
134 27.0 20.4 30.6
91 38.3 23.8 35.8

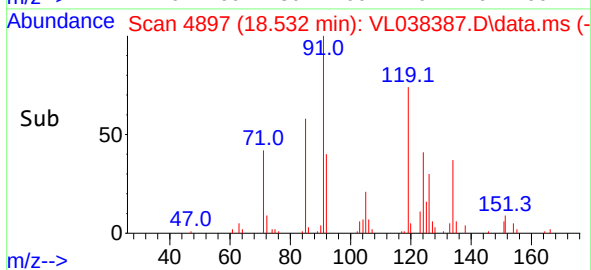
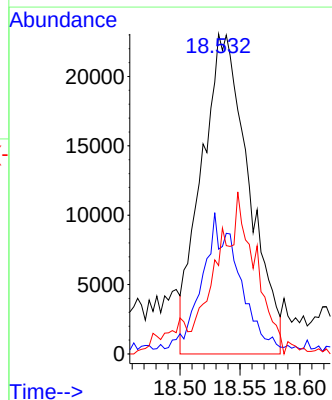
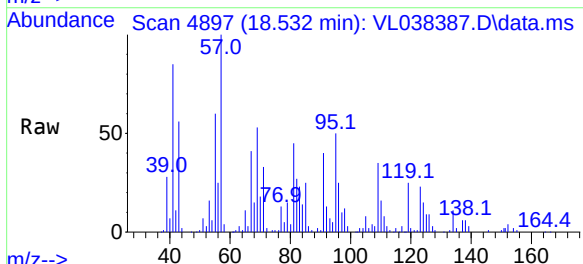
Manual Integrations
APPROVED

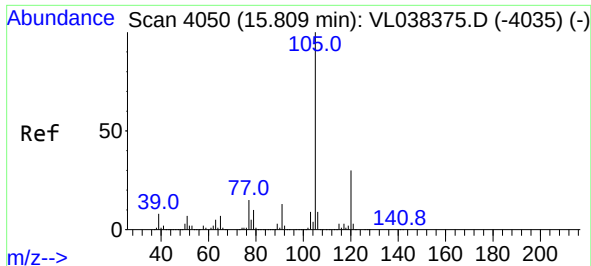
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
n-Butylbenzene
Concen: 0.179 ppbv m
RT: 18.532 min Scan# 4897
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

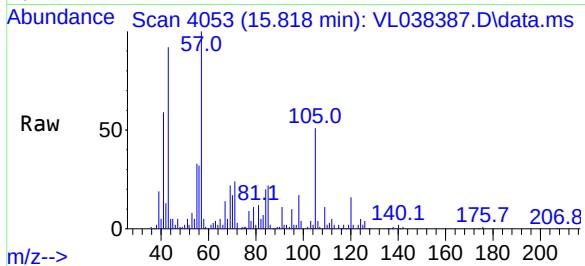
Tgt Ion: 91 Resp: 63621
Ion Ratio Lower Upper
91 100
92 0.0 43.1 64.7#
134 47.5 17.4 26.0#





#72
4-Ethyltoluene
Concen: 0.266 ppbv m
RT: 15.818 min Scan# 4053
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

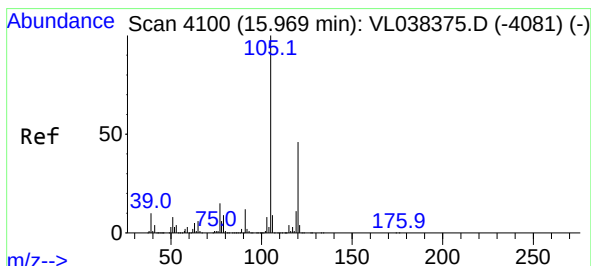
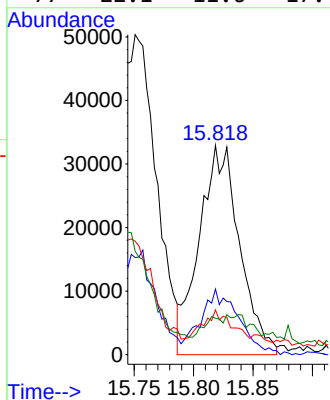
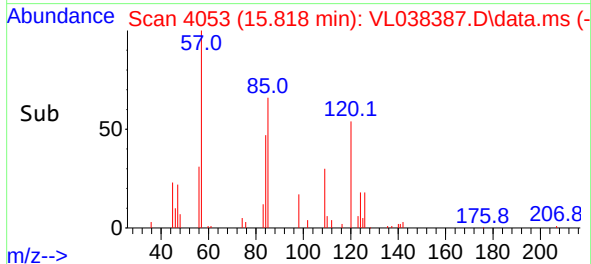
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



Tgt Ion:105 Resp: 77680
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.2
91 0.0 10.4 15.6
77 22.1 11.6 17.4

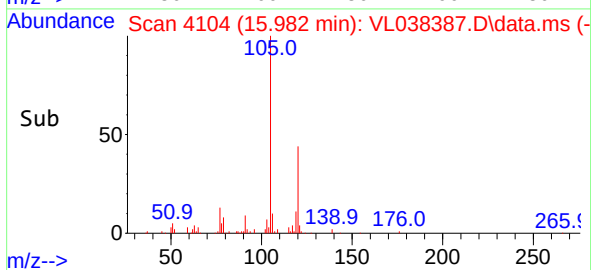
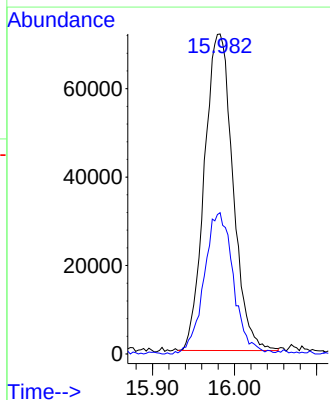
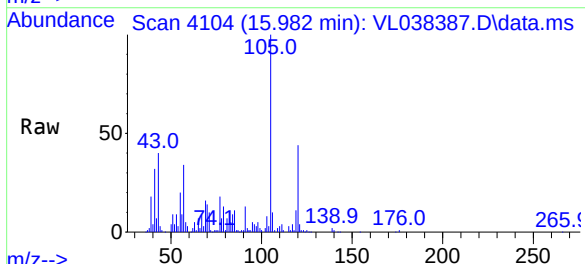
Manual Integrations
APPROVED

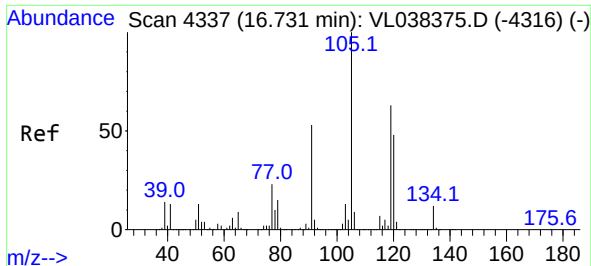
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#73
1,3,5-Trimethylbenzene
Concen: 0.651 ppbv
RT: 15.982 min Scan# 4104
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

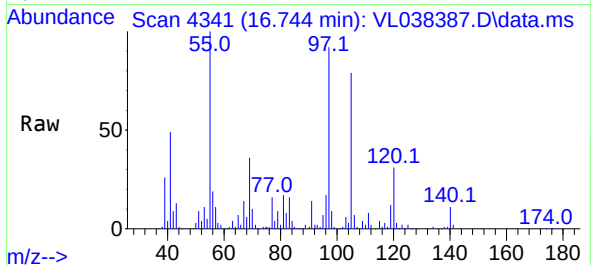
Tgt Ion:105 Resp: 172791
Ion Ratio Lower Upper
105 100
120 44.3 36.6 55.0





#74
1,2,4-Trimethylbenzene
Concen: 0.854 ppbv
RT: 16.744 min Scan# 4115
Delta R.T. 0.013 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

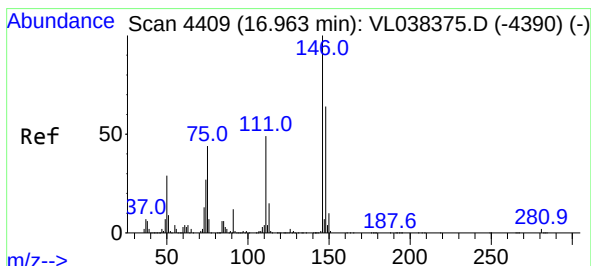
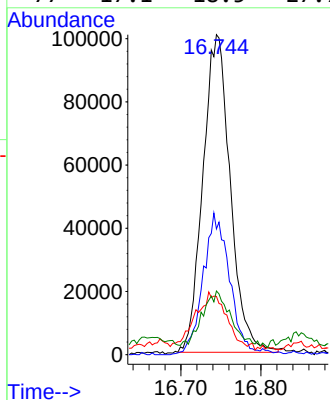
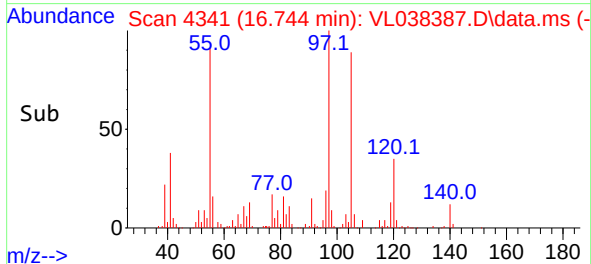
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



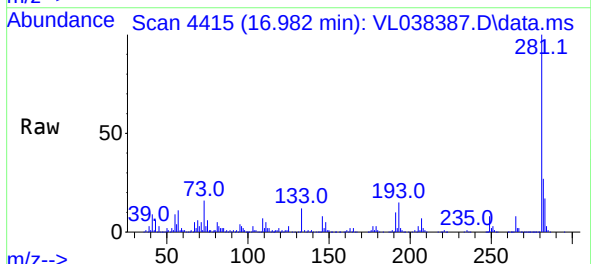
Tgt Ion:105 Resp: 239104
Ion Ratio Lower Upper
105 100
120 38.8 38.2 57.4
91 16.6 42.7 64.1
77 17.1 18.5 27.7#

Manual Integrations
APPROVED

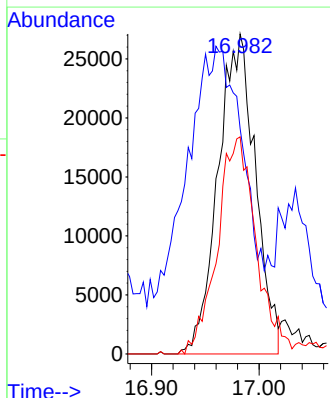
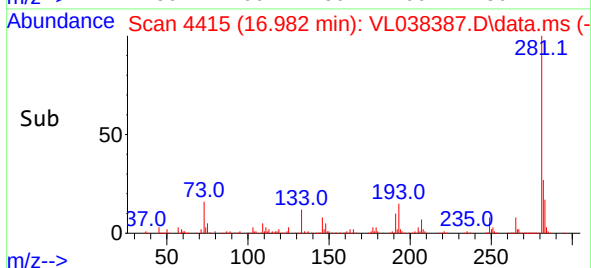
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

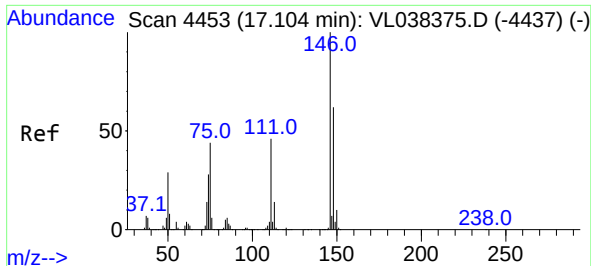


#75
1,3-Dichlorobenzene
Concen: 0.416 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.019 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



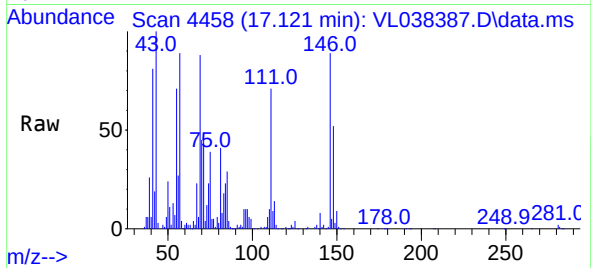
Tgt Ion:146 Resp: 65243
Ion Ratio Lower Upper
146 100
111 120.8 24.3 72.9#
148 71.1 32.0 96.0





#76
1,4-Dichlorobenzene
Concen: 1.201 ppbv
RT: 17.121 min Scan# 4458
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

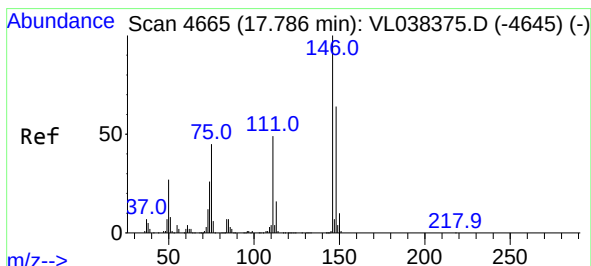
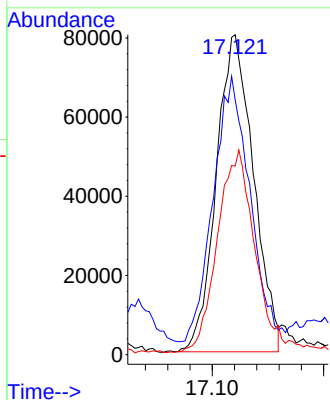
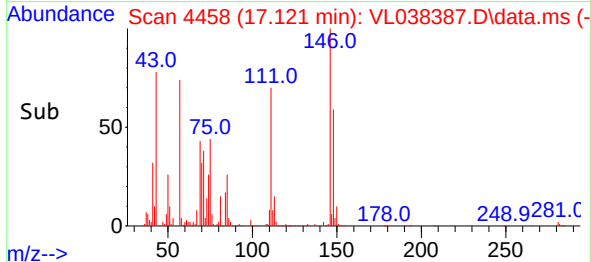
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



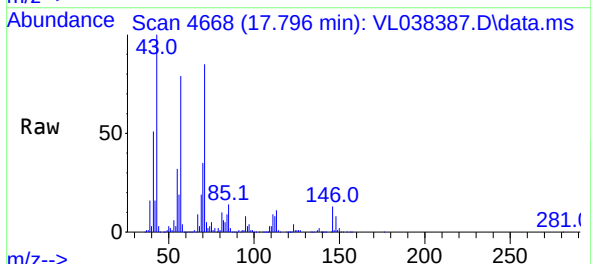
Tgt Ion:146 Resp: 185759
Ion Ratio Lower Upper
146 100
111 83.5 24.1 72.2
148 68.6 32.8 98.4

Manual Integrations
APPROVED

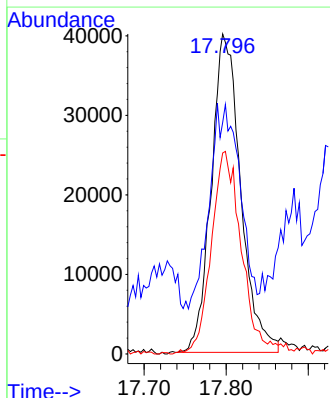
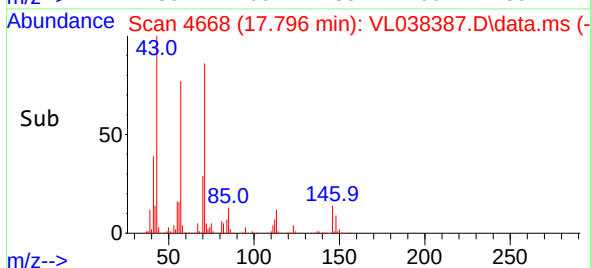
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

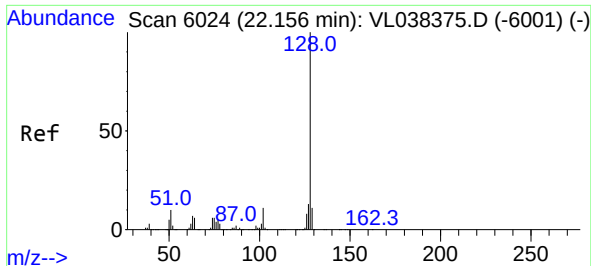


#77
1,2-Dichlorobenzene
Concen: 0.661 ppbv
RT: 17.796 min Scan# 4668
Delta R.T. 0.010 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



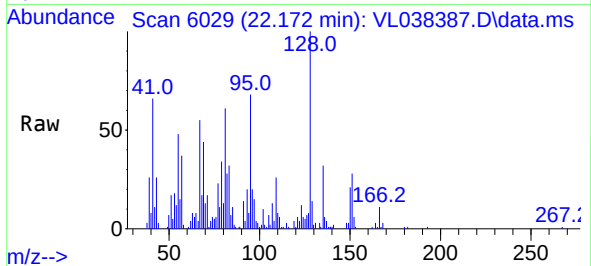
Tgt Ion:146 Resp: 99790
Ion Ratio Lower Upper
146 100
111 69.1 25.6 76.6
148 67.1 32.4 97.2





#79
Naphthalene
Concen: 0.449 ppbv m
RT: 22.172 min Scan# 6024
Delta R.T. 0.016 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44

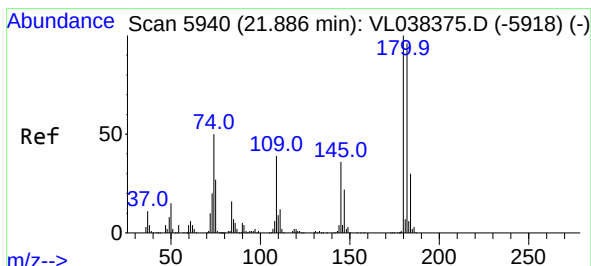
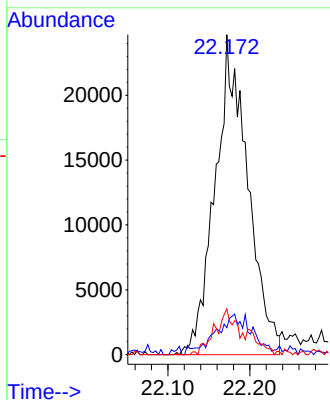
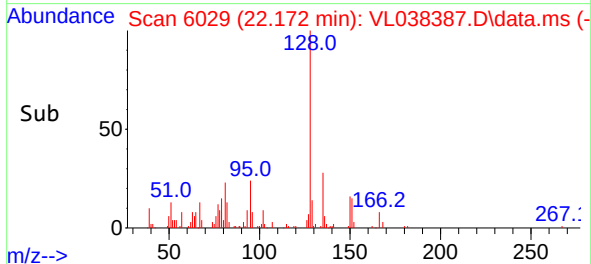
Instrument :
MSVOA_L
ClientSampleId :
SG-FAM4GL-3



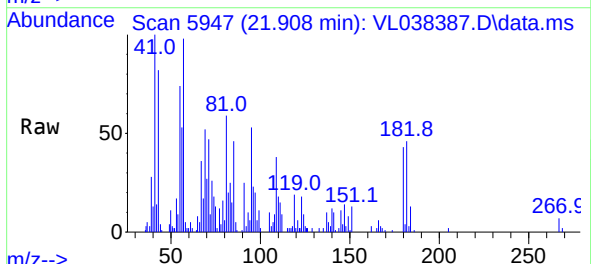
Tgt Ion:128 Resp: 68078
Ion Ratio Lower Upper
128 100
127 8.4 10.7 16.1#
129 14.3 8.8 13.2#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.176 ppbv m
RT: 21.908 min Scan# 5947
Delta R.T. 0.023 min
Lab File: VL038387.D
Acq: 22 Feb 2022 13:44



Tgt Ion:180 Resp: 16148
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.2#
184 0.0 24.9 37.3#

