

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038239.D
 Acq On : 29 Dec 2021 19:17
 Operator : SY/AP
 Sample : M5217-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 19:59:16 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec 29 19:59:16 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	670704	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1794132	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	1592119	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1301508	10.608	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	26950	0.213	ppbv	96
3) Chlorodifluoromethane	2.993	51	24966m	0.177	ppbv	
4) Chloromethane	3.150	50	15656	0.320	ppbv	99
9) Propene	3.018	41	3250319	66.419	ppbv	94
10) Heptane	8.127	43	804958	6.484	ppbv	99
11) Trichlorofluoromethane	3.960	101	24757	0.213	ppbv	96
13) Ethanol	3.607	45	1197001	144.275	ppbv #	100
15) Acetone	3.851	43	4407014	65.471	ppbv	97
17) tert-Butyl alcohol	4.298	59	317563	4.295	ppbv	99
19) Isopropyl Alcohol	3.970	45	228305	5.438	ppbv #	1
20) Methylene Chloride	4.353	84	307156	8.082	ppbv	98
26) Hexane	5.690	57	703988	7.694	ppbv #	55
27) Carbon Disulfide	4.555	76	290164	3.603	ppbv	97
28) Methyl tert-Butyl Ether	5.047	73	18829m	0.205	ppbv	
29) Chloroform	5.761	83	1132927	8.344	ppbv	100
30) Cyclohexane	7.131	84	191581	2.364	ppbv #	51
34) 2-Butanone	5.243	43	4008365	74.331	ppbv	99
35) Carbon Tetrachloride	7.018	117	93370	0.843	ppbv	91
36) Benzene	6.893	78	1272168	7.602	ppbv	98
38) Trichloroethene	7.838	130	45491m	0.714	ppbv	
41) Tetrahydrofuran	6.047	42	733623	18.574	ppbv	98
44) 2,2,4-Trimethylpentane	7.873	57	3728793	13.116	ppbv	92
50) 4-Methyl-2-Pentanone	8.748	43	232347	2.370	ppbv	94
51) 2-Hexanone	10.131	43	1050021	22.375	ppbv #	90
52) Tetrachloroethene	11.227	164	512696	8.300	ppbv	97
53) Toluene	9.809	91	3155769	16.343	ppbv	100
58) Ethyl Benzene	12.709	91	1073884	4.347	ppbv	97
59) m/p-Xylene	12.963	91	2736202	12.954	ppbv	99
60) o-Xylene	13.687	91	1006734	5.141	ppbv	94
61) Styrene	13.516	104	15708m	0.158	ppbv	
62) Isopropylbenzene	14.664	105	169185	0.615	ppbv	98
64) n-propylbenzene	15.558	120	100797	1.475	ppbv	86
66) Benzyl Chloride	17.056	91	1714	0.190	ppbv #	62
67) sec-Butylbenzene	17.288	105	82629	0.248	ppbv	97
72) 4-Ethyltoluene	15.838	105	457004	2.026	ppbv	97
73) 1,3,5-Trimethylbenzene	15.995	105	263878	1.308	ppbv	96
74) 1,2,4-Trimethylbenzene	16.764	105	814716	3.844	ppbv #	74

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

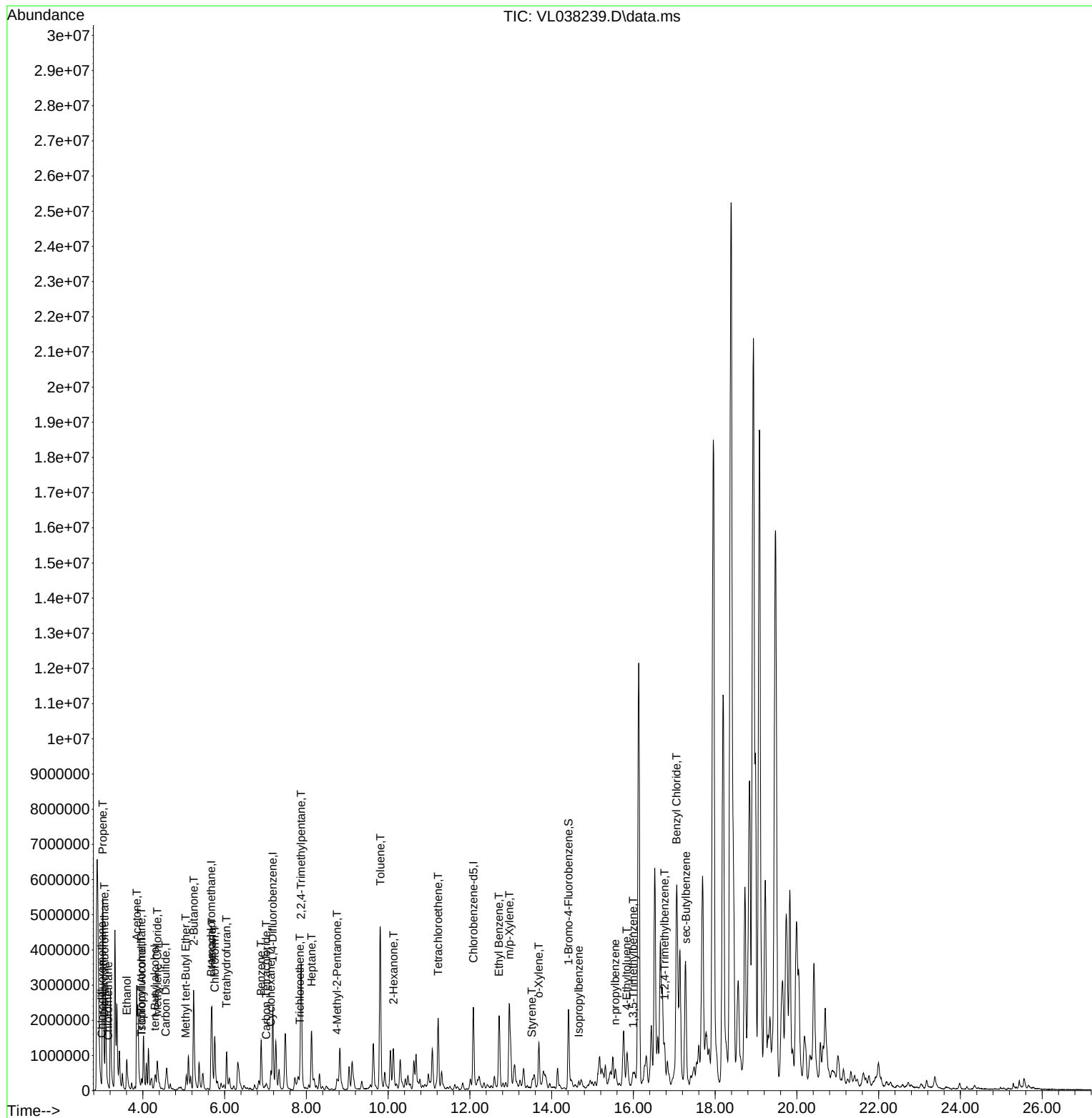
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
Data File : VL038239.D
Acq On : 29 Dec 2021 19:17
Operator : SY/AP
Sample : M5217-02
Misc : 400mL/MSVOA_L
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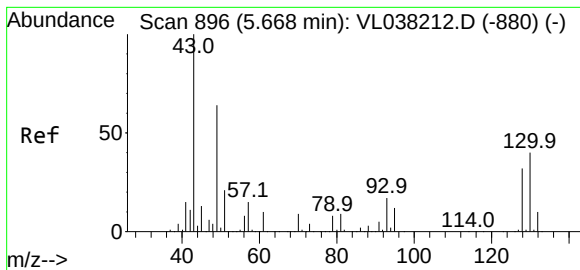
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Dec 29 19:59:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

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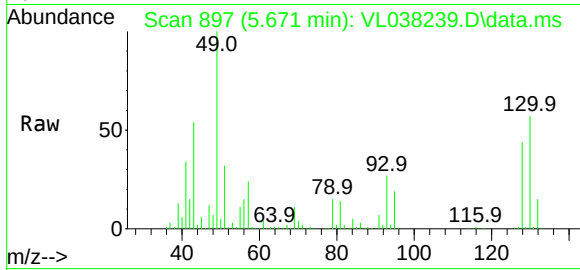
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

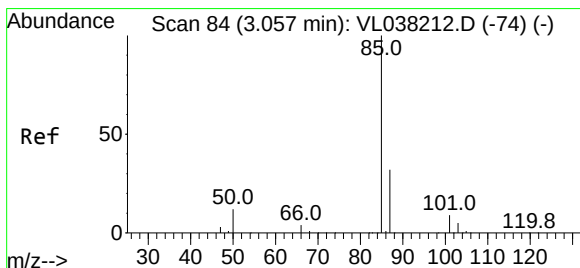
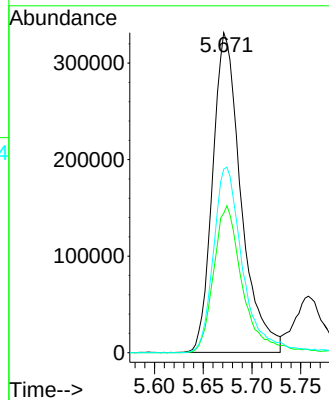
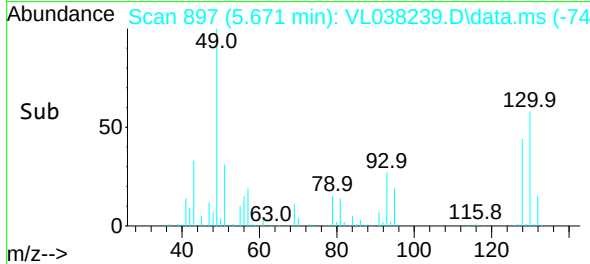
Instrument :
MSVOA_L
ClientSampleId :
SV2



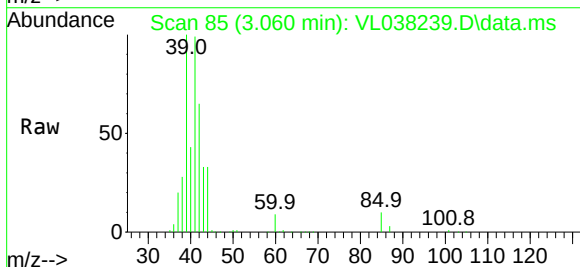
Tgt Ion: 49 Resp: 670704
Ion Ratio Lower Upper
49 100
128 48.1 26.9 80.6
130 61.2 32.3 96.9

Manual Integrations
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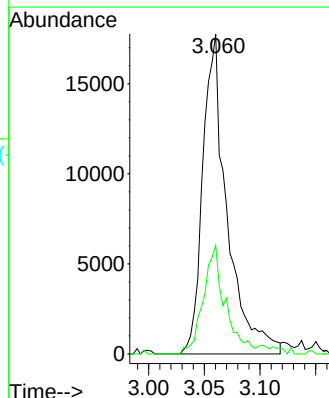
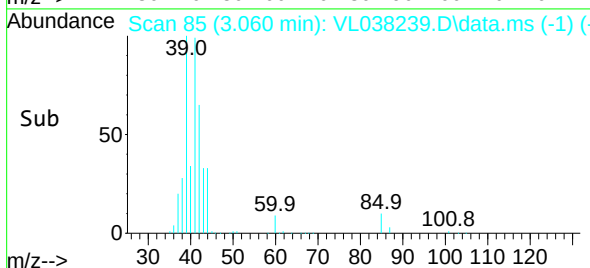
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

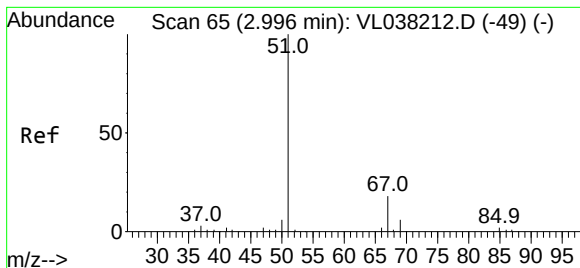


#2
Dichlorodifluoromethane
Concen: 0.213 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



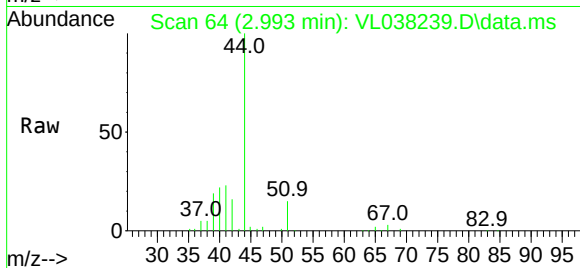
Tgt Ion: 85 Resp: 26950
Ion Ratio Lower Upper
85 100
87 33.9 25.4 38.2





#3
Chlorodifluoromethane
Concen: 0.177 ppbv m
RT: 2.993 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

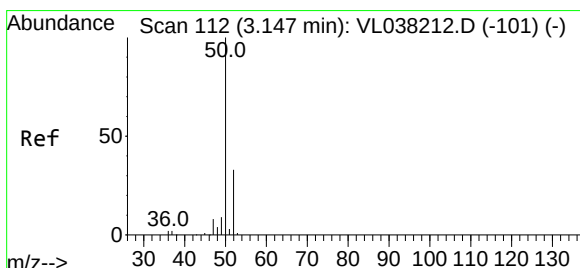
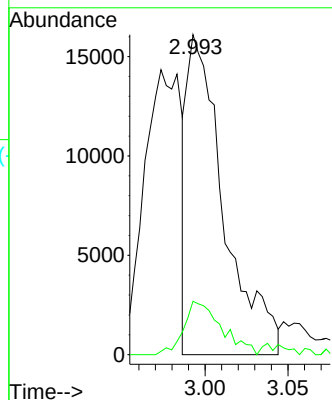
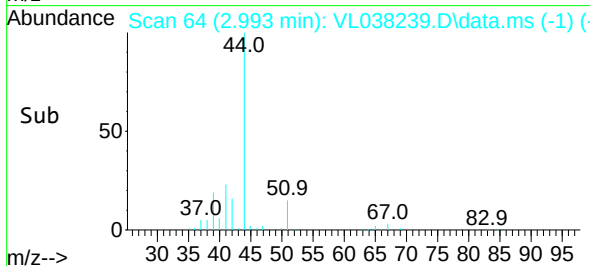
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 51 Resp: 2496
Ion Ratio Lower Upper
51 100
67 17.9 14.0 21.0

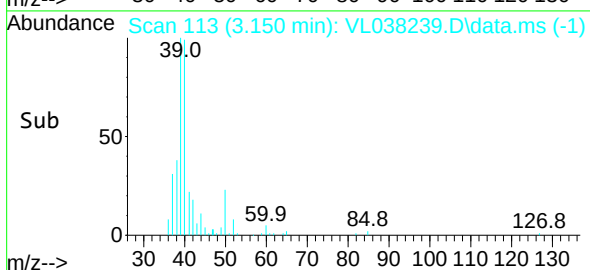
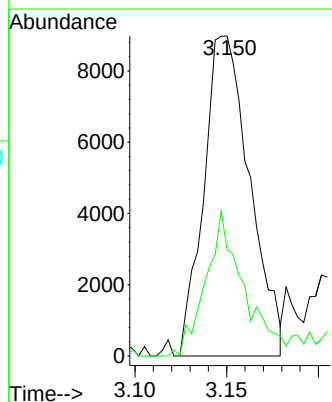
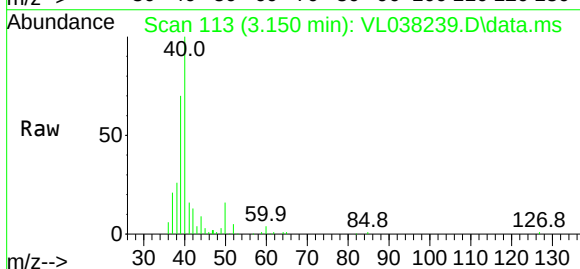
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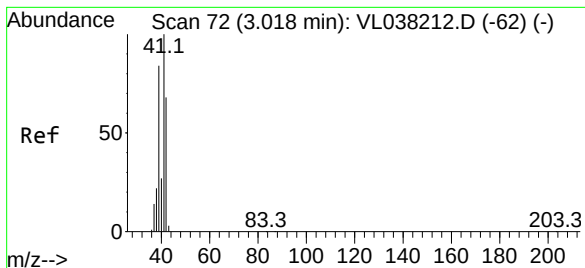
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#4
Chloromethane
Concen: 0.320 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

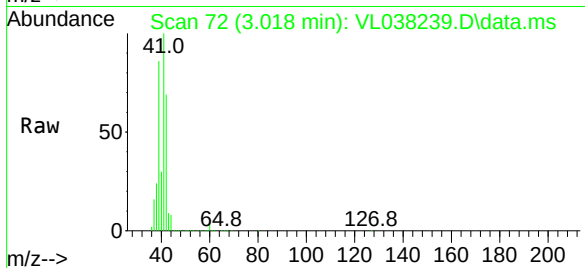
Tgt Ion: 50 Resp: 15656
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2





#9
 Propene
 Concen: 66.419 ppbv
 RT: 3.018 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL038239.D
 Acq: 29 Dec 2021 19:17

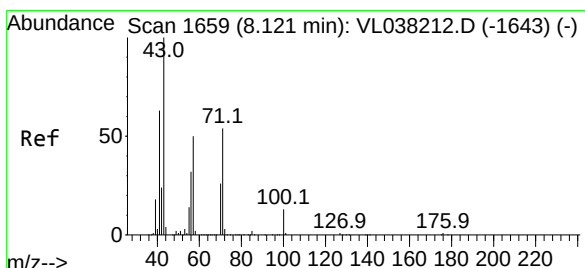
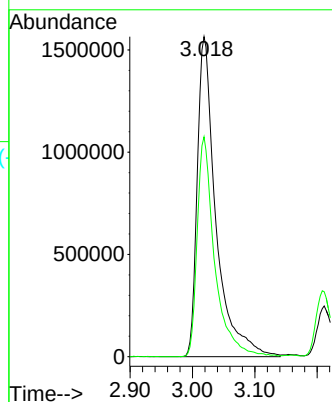
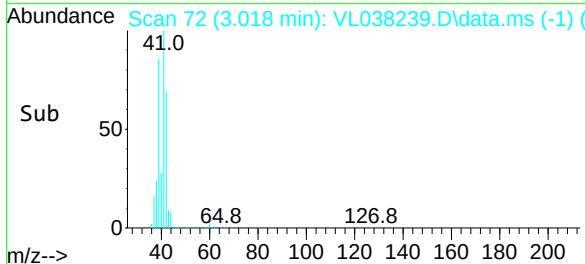
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2



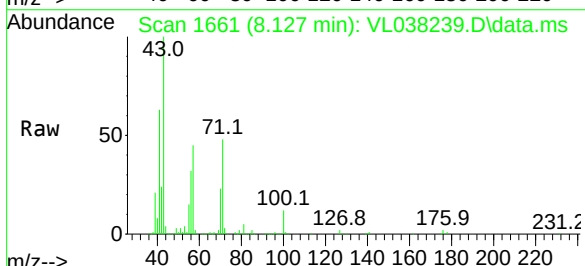
Tgt Ion: 41 Resp: 3250319
 Ion Ratio Lower Upper
 41 100
 42 64.4 55.5 83.3

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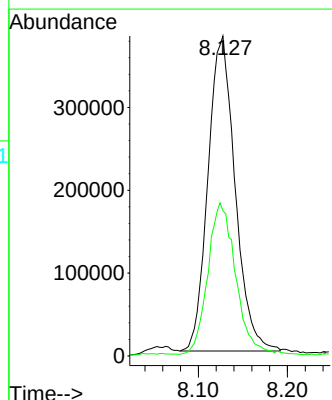
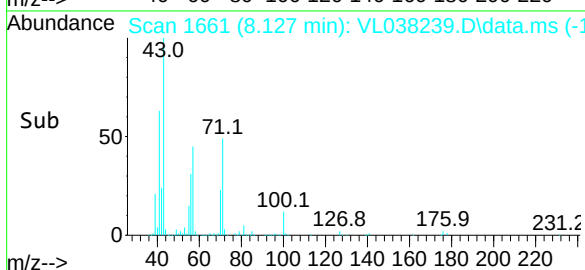
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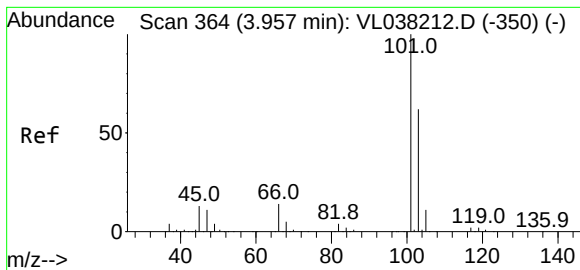


#10
 Heptane
 Concen: 6.484 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VL038239.D
 Acq: 29 Dec 2021 19:17



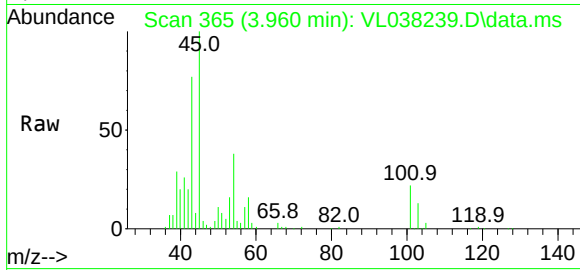
Tgt Ion: 43 Resp: 804958
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.3 60.5





#11
Trichlorofluoromethane
Concen: 0.213 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

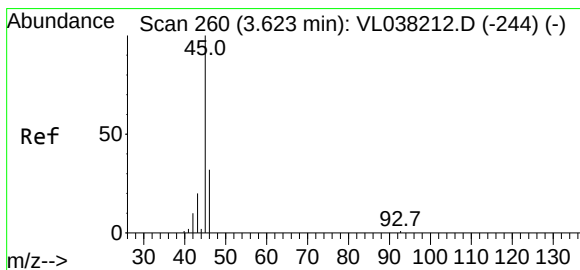
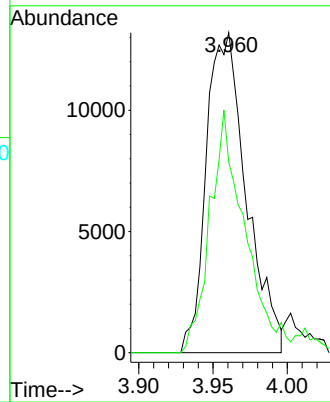
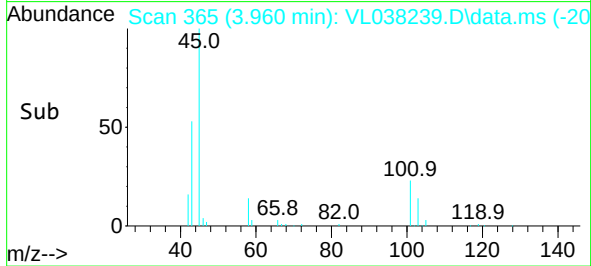
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion:101 Resp: 2475
Ion Ratio Lower Upper
101 100
103 59.6 49.9 74.9

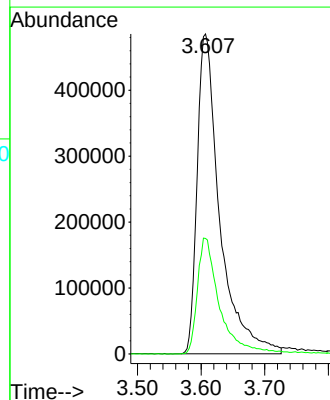
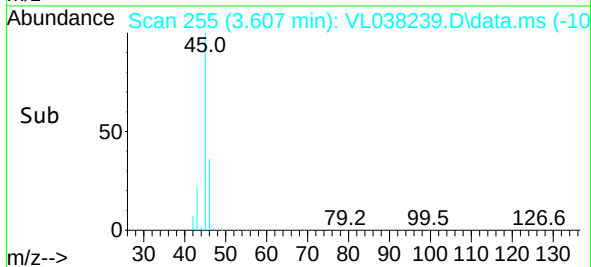
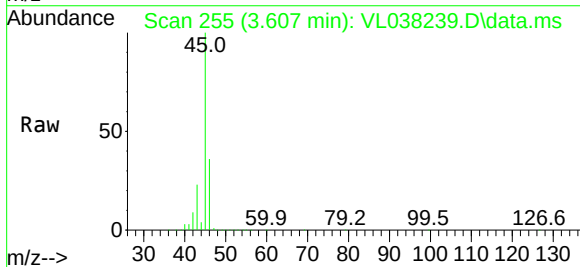
Manual Integrations
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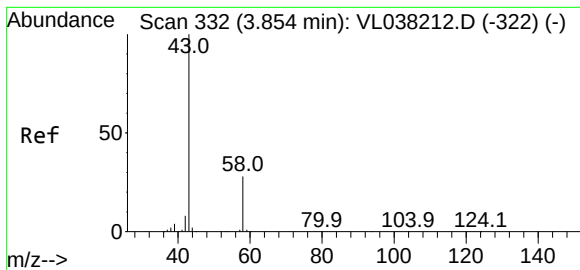
Reviewed By :Amit Patel 12/30/2021
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#13
Ethanol
Concen: 144.275 ppbv
RT: 3.607 min Scan# 255
Delta R.T. -0.016 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

Tgt Ion: 45 Resp: 1197001
Ion Ratio Lower Upper
45 100
46 36.1 0.0 0.0#





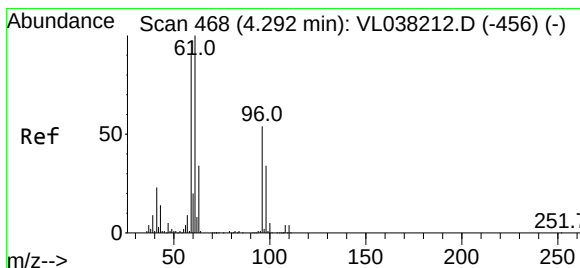
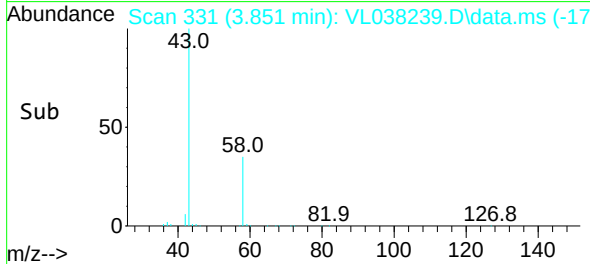
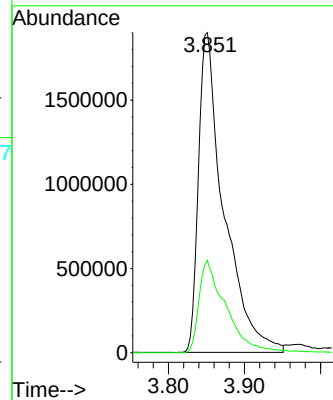
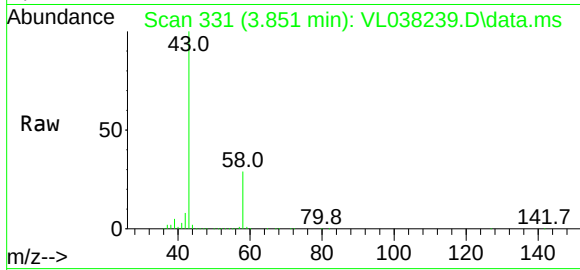
#15
Acetone
Concen: 65.471 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 4407014
Ion Ratio Lower Upper
43 100
58 30.9 23.3 34.9

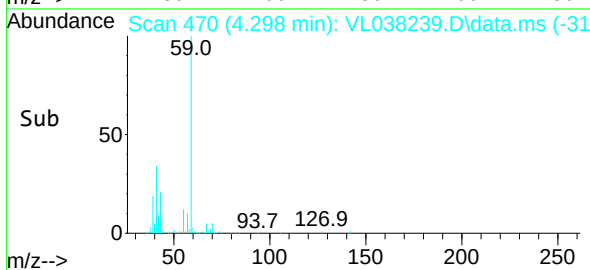
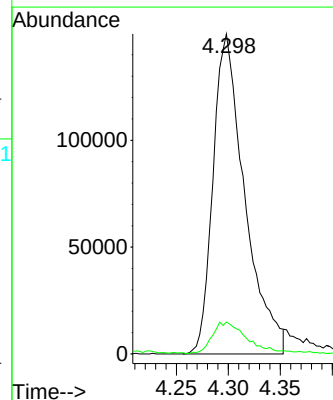
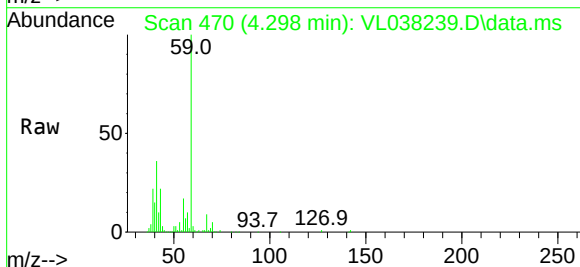
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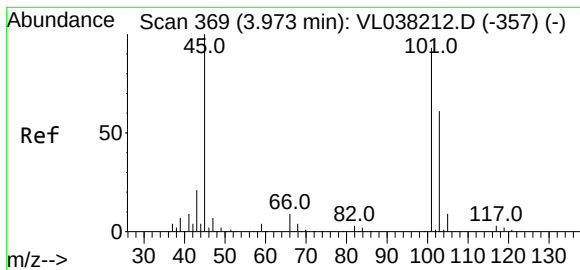
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#17
tert-Butyl alcohol
Concen: 4.295 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.006 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

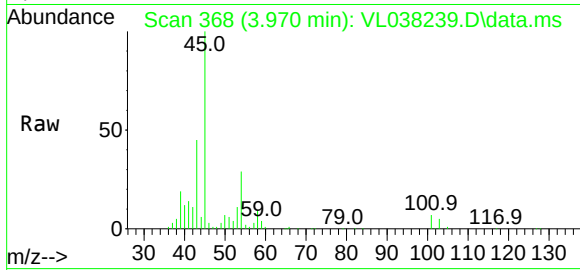
Tgt Ion: 59 Resp: 317563
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1





#19
Isopropyl Alcohol
Concen: 5.438 ppbv
RT: 3.970 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

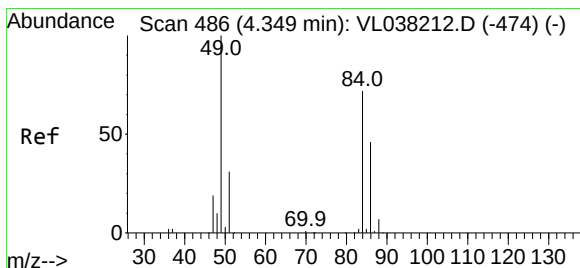
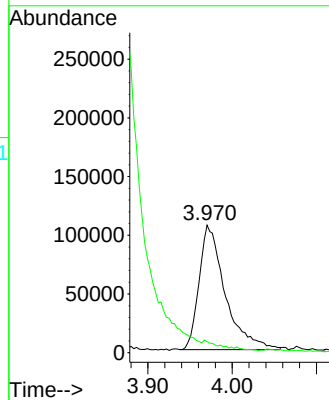
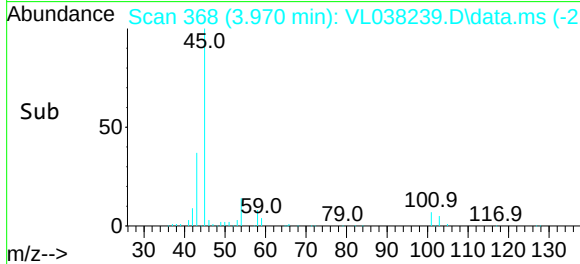
Instrument : MSVOA_L
ClientSampleId : SV2



Tgt Ion: 45 Resp: 22830
Ion Ratio Lower Upper
45 100
58 596.8 32.4 48.6

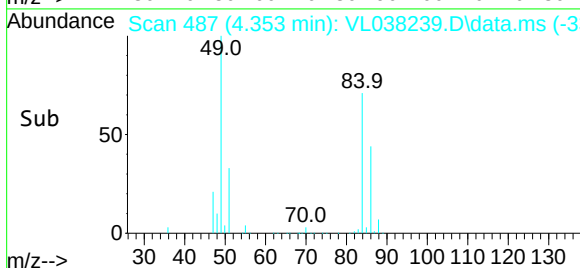
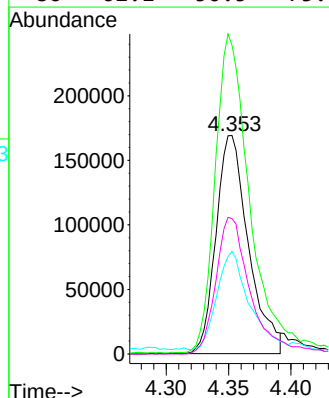
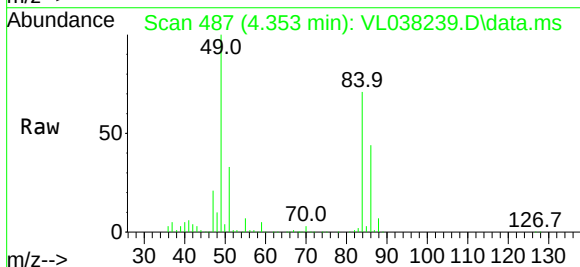
Manual Integrations
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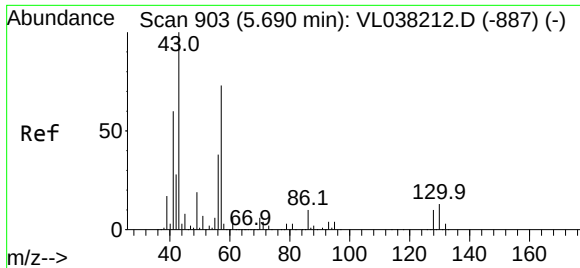
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#20
Methylene Chloride
Concen: 8.082 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

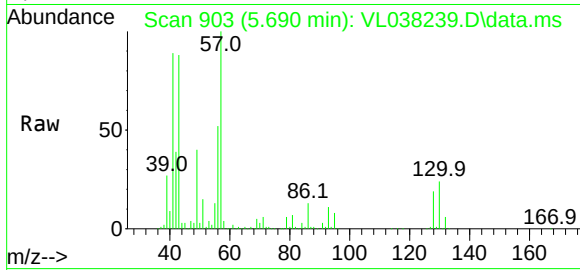
Tgt Ion: 84 Resp: 307156
Ion Ratio Lower Upper
84 100
49 140.9 110.6 166.0
51 44.8 34.2 51.2
86 62.1 50.5 75.7





#26
Hexane
Concen: 7.694 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.000 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

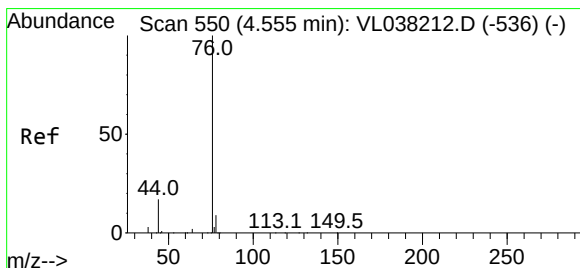
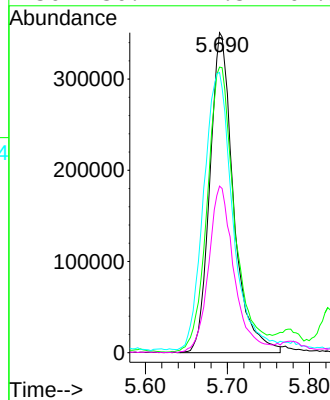
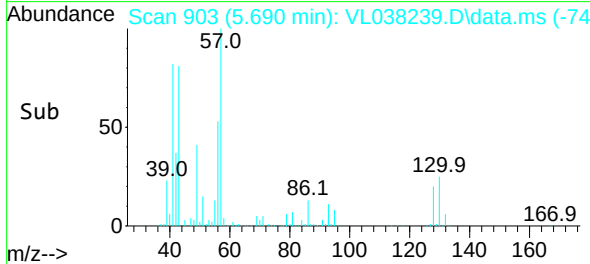
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 57 Resp: 703988
Ion Ratio Lower Upper
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41 103.1 69.0 103.6
43 110.6 171.2 256.8
56 56.1 41.5 62.3

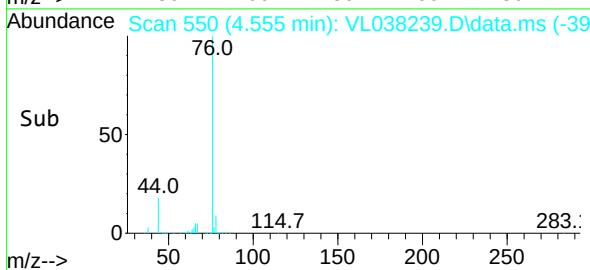
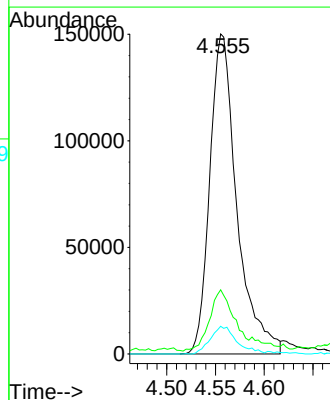
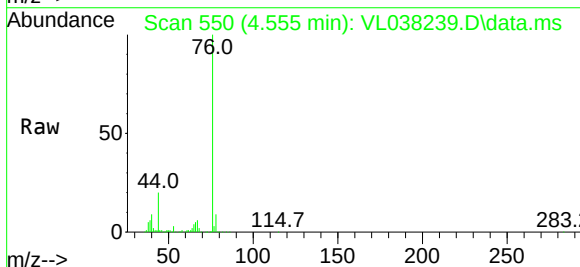
Manual Integrations
APPROVED

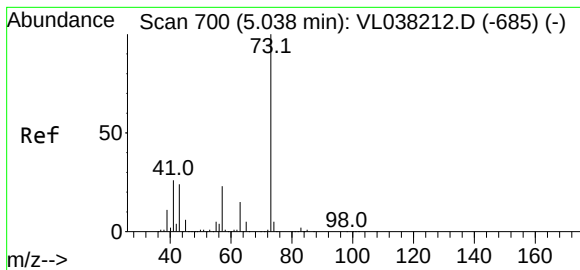
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#27
Carbon Disulfide
Concen: 3.603 ppbv
RT: 4.555 min Scan# 550
Delta R.T. 0.000 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

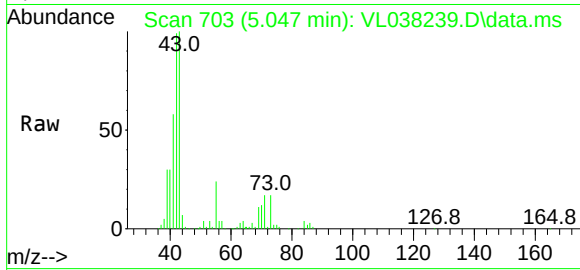
Tgt Ion: 76 Resp: 290164
Ion Ratio Lower Upper
76 100
44 19.3 14.2 21.4
78 8.9 7.7 11.5





#28
Methyl tert-Butyl Ether
Concen: 0.205 ppbv m
RT: 5.047 min Scan# 700
Delta R.T. 0.010 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

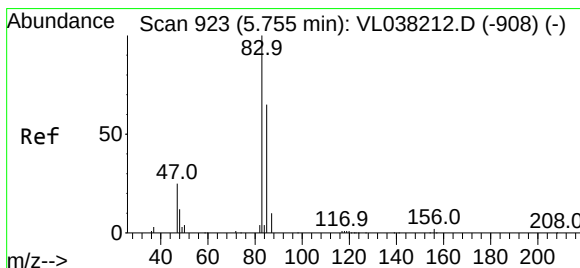
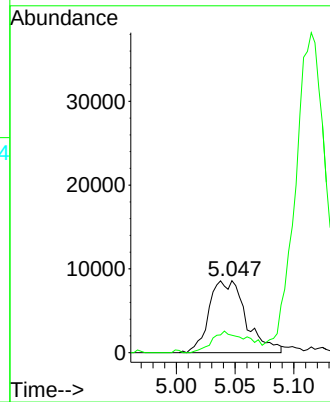
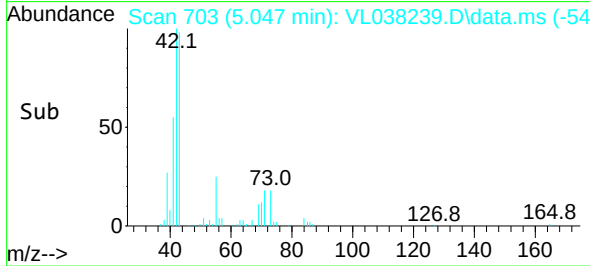
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 73 Resp: 18829
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2

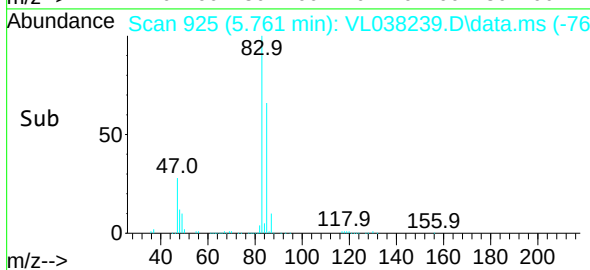
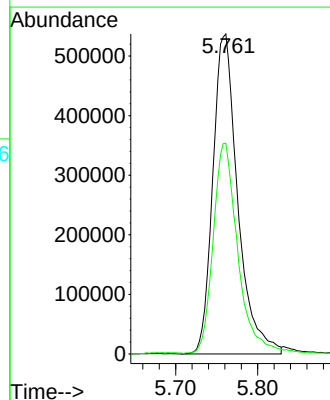
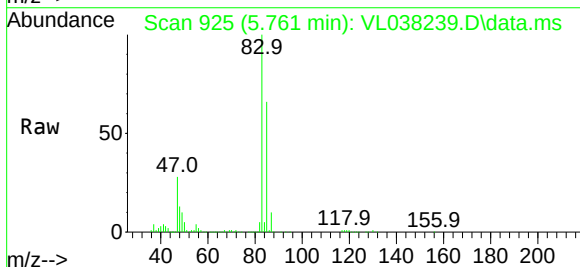
Manual Integrations
APPROVED

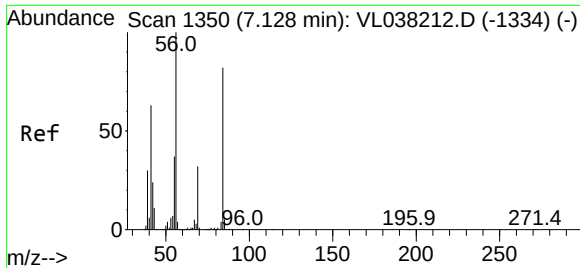
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#29
Chloroform
Concen: 8.344 ppbv
RT: 5.761 min Scan# 925
Delta R.T. 0.006 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

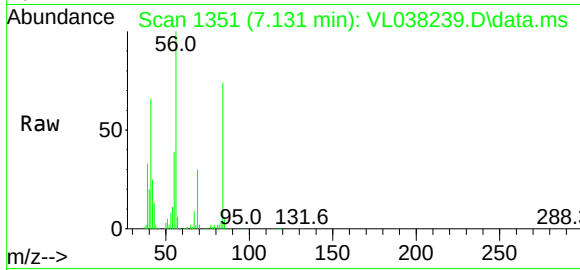
Tgt Ion: 83 Resp: 1132927
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4





#30
Cyclohexane
Concen: 2.364 ppbv
RT: 7.131 min Scan# 1350
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

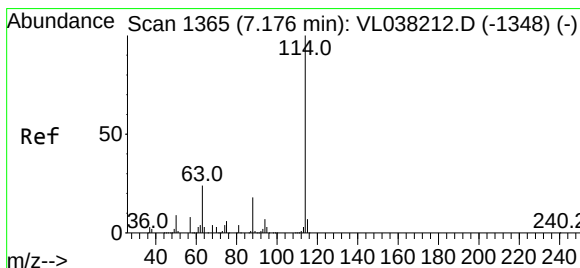
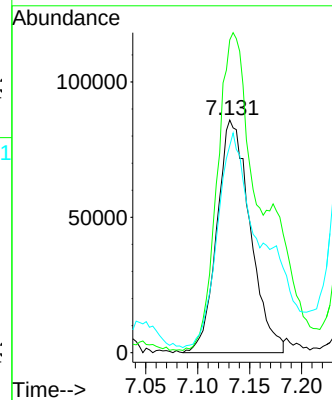
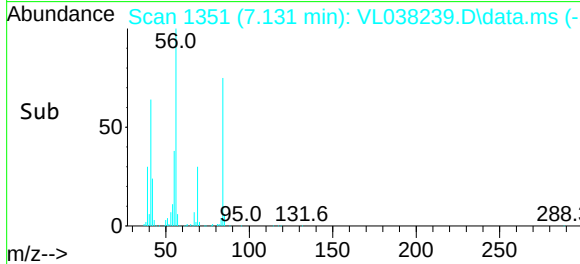
Instrument :
MSVOA_L
ClientSampleId :
SV2



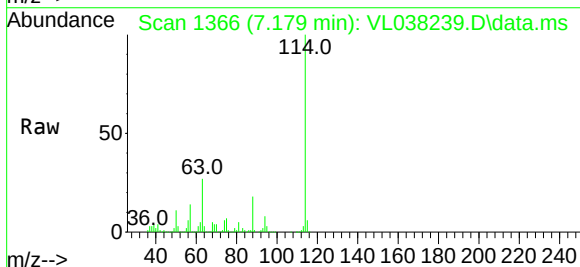
Tgt Ion: 84 Resp: 19158
Ion Ratio Lower Upper
84 100
56 185.8 105.2 157.8
41 125.1 63.2 94.8

Manual Integrations
APPROVED

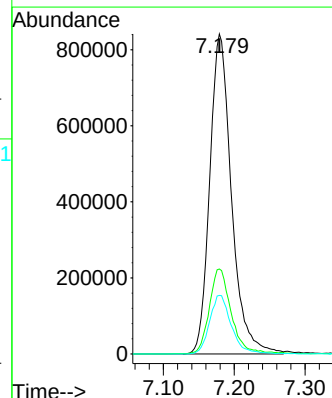
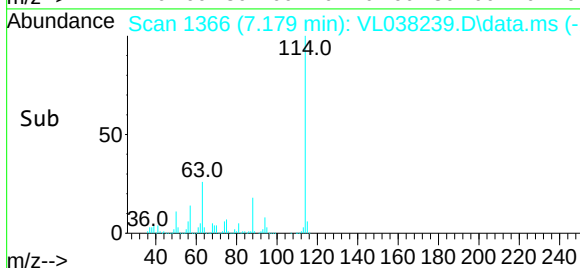
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

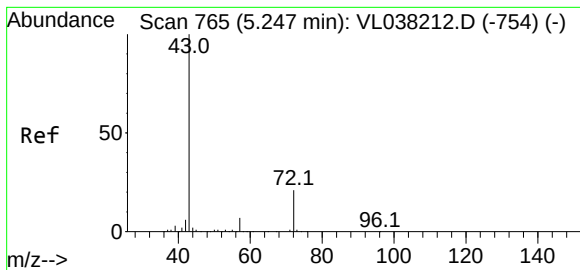


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



Tgt Ion:114 Resp: 1794132
Ion Ratio Lower Upper
114 100
63 27.1 19.7 29.5
88 18.4 14.3 21.5





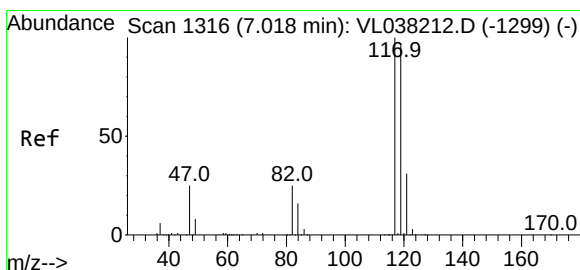
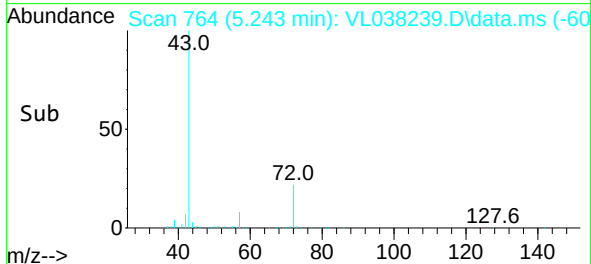
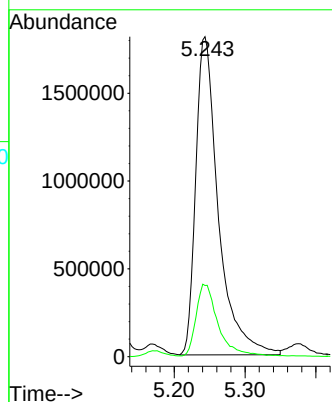
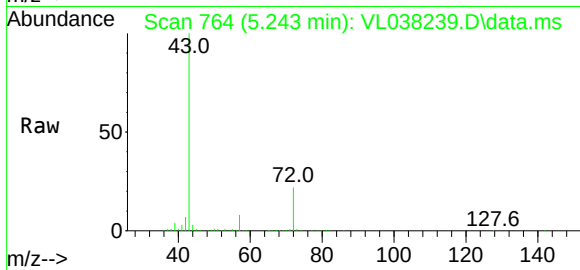
#34
2-Butanone
Concen: 74.331 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 400836
Ion Ratio Lower Upper
43 100
72 22.6 18.3 27.5

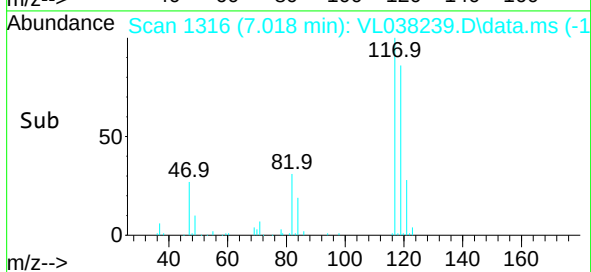
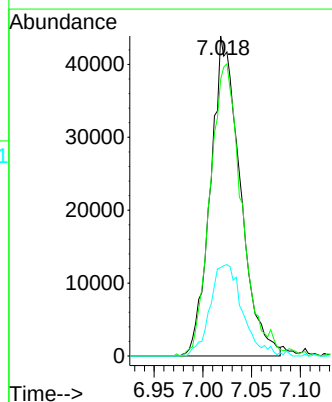
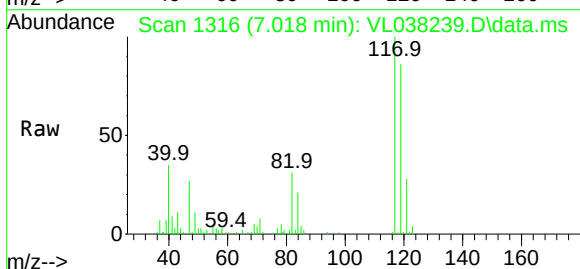
Manual Integrations
APPROVED

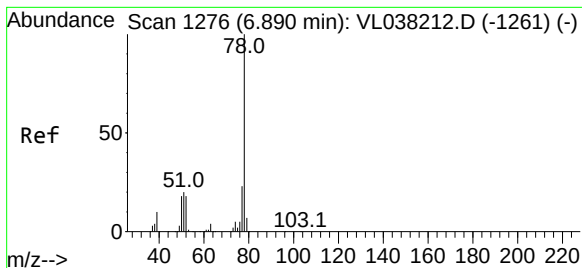
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#35
Carbon Tetrachloride
Concen: 0.843 ppbv
RT: 7.018 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

Tgt Ion:117 Resp: 93370
Ion Ratio Lower Upper
117 100
119 86.4 76.7 115.1
121 27.6 25.0 37.4





#36

Benzene

Concen: 7.602 ppbv

RT: 6.893 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion: 78 Resp: 127216

Ion Ratio Lower Upper

78 100

77 23.3 18.2 27.4

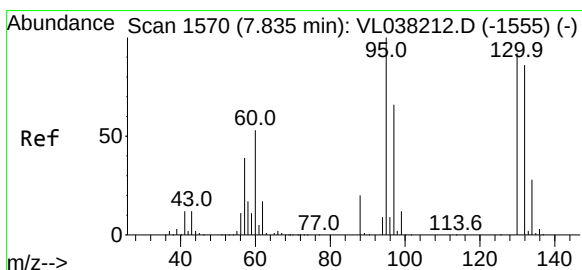
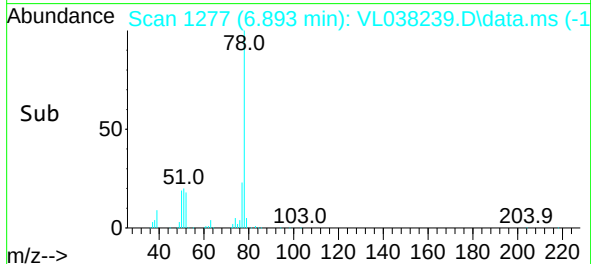
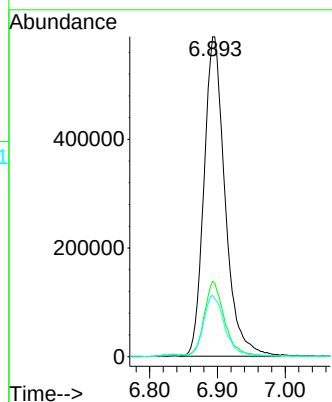
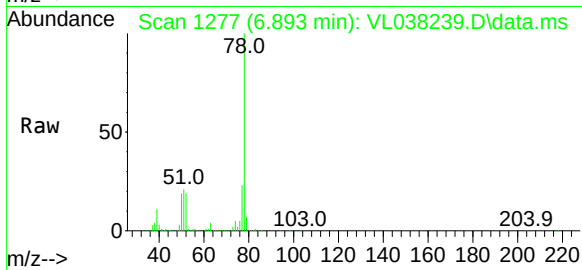
50 19.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#38

Trichloroethene

Concen: 0.714 ppbv m

RT: 7.838 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Tgt Ion:130 Resp: 45491

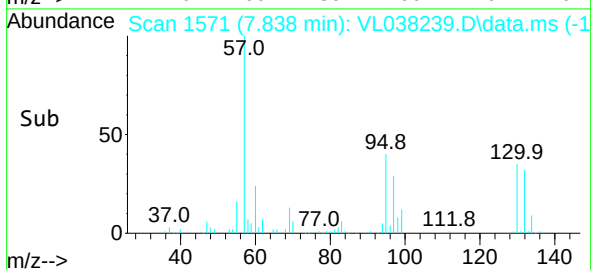
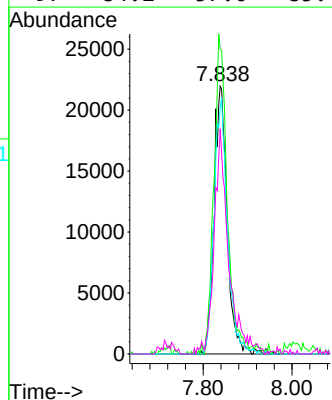
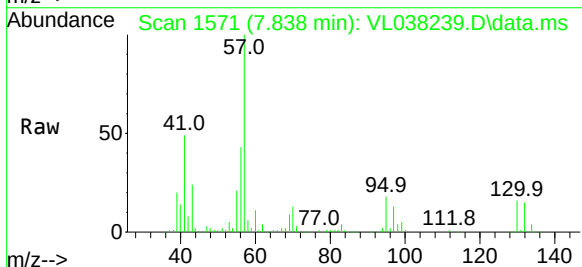
Ion Ratio Lower Upper

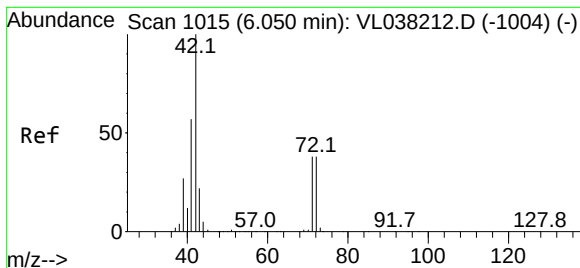
130 100

95 113.9 87.0 130.4

132 91.9 75.1 112.7

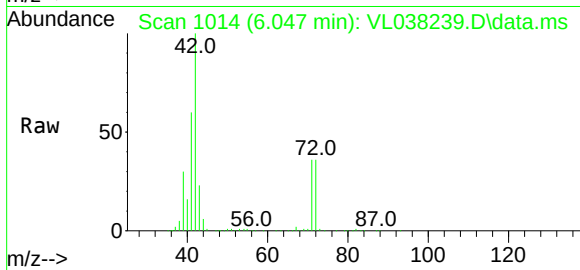
97 84.2 57.0 85.4





#41
Tetrahydrofuran
Concen: 18.574 ppbv
RT: 6.047 min Scan# 1015
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

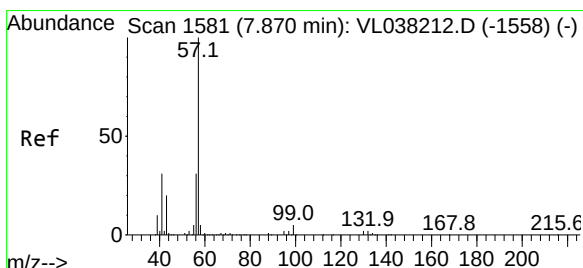
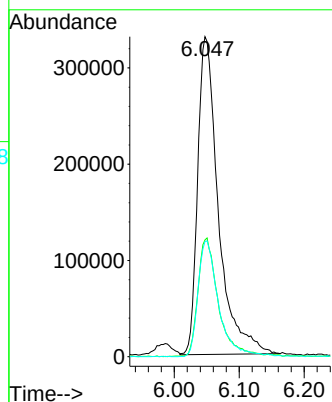
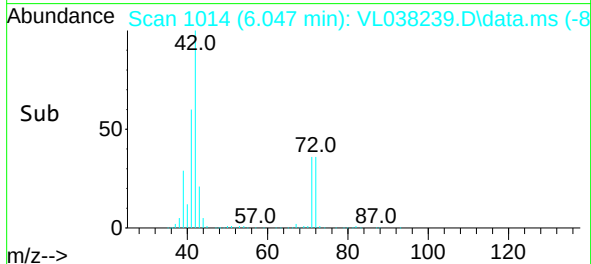
Instrument :
MSVOA_L
ClientSampleId :
SV2



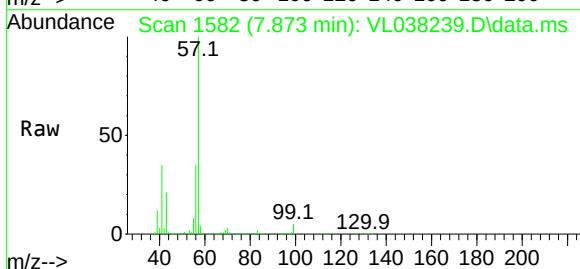
Tgt Ion: 42 Resp: 733623
Ion Ratio Lower Upper
42 100
72 37.2 31.4 47.0
71 36.5 30.0 45.0

Manual Integrations
APPROVED

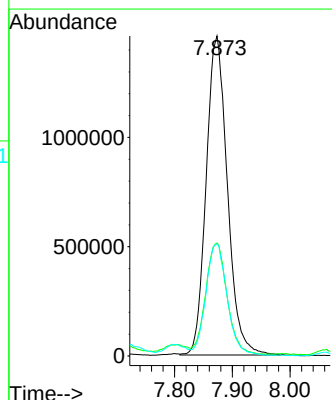
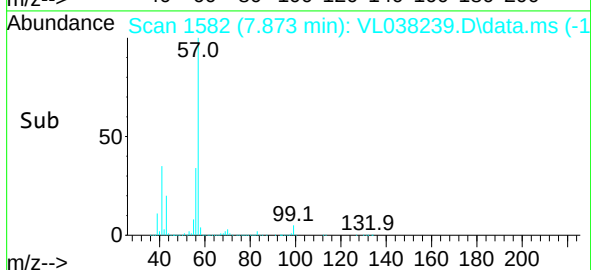
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

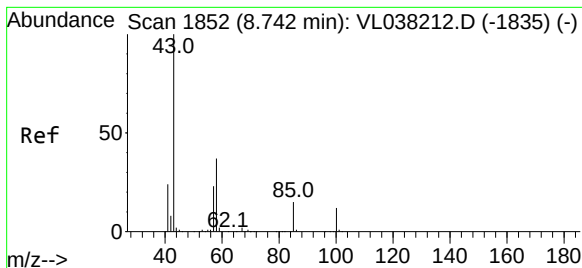


#44
2,2,4-Trimethylpentane
Concen: 13.116 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



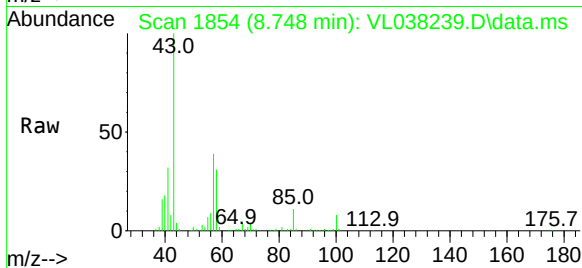
Tgt Ion: 57 Resp: 3728793
Ion Ratio Lower Upper
57 100
41 35.3 24.9 37.3
56 35.6 24.8 37.2





#50
4-Methyl-2-Pentanone
Concen: 2.370 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

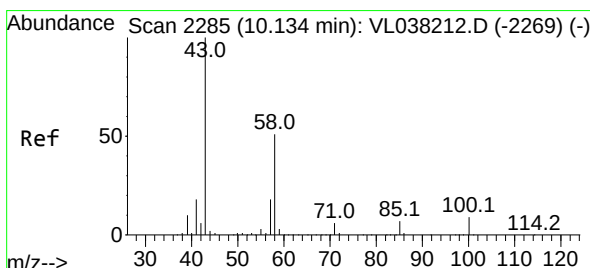
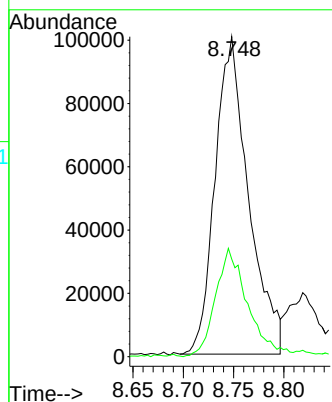
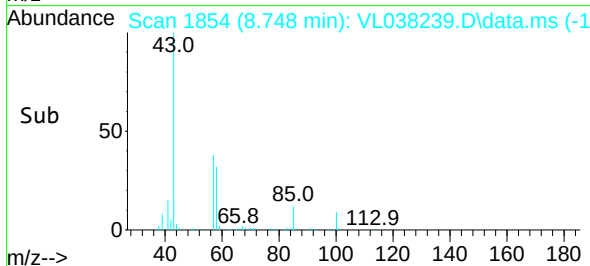
Instrument :
MSVOA_L
ClientSampleId :
SV2



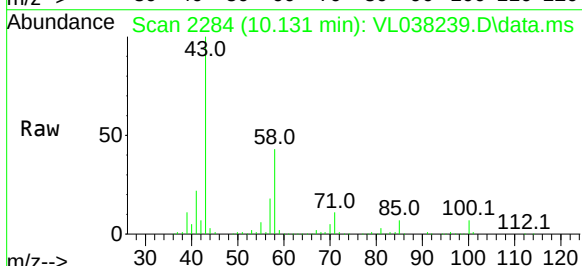
Tgt Ion: 43 Resp: 23234
Ion Ratio Lower Upper
43 100
58 33.3 29.4 44.2

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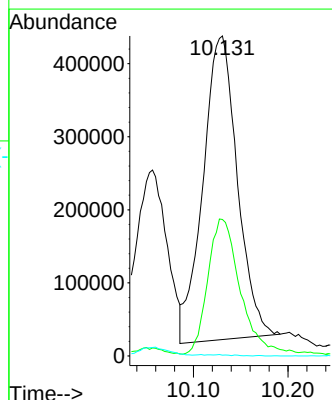
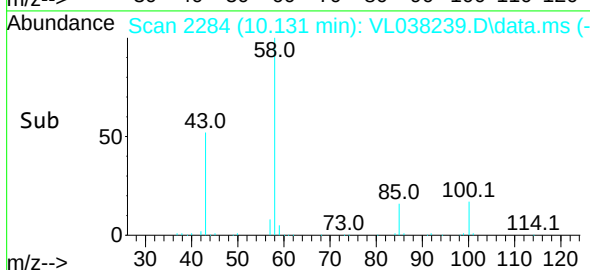
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

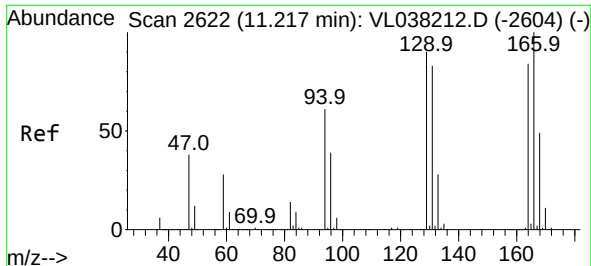


#51
2-Hexanone
Concen: 22.375 ppbv
RT: 10.131 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



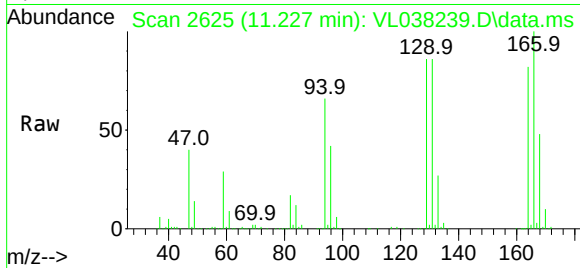
Tgt Ion: 43 Resp: 1050021
Ion Ratio Lower Upper
43 100
58 44.2 40.8 61.2
98 0.0 0.0 0.0





#52
Tetrachloroethene
Concen: 8.300 ppbv
RT: 11.227 min Scan# 2184
Delta R.T. 0.010 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

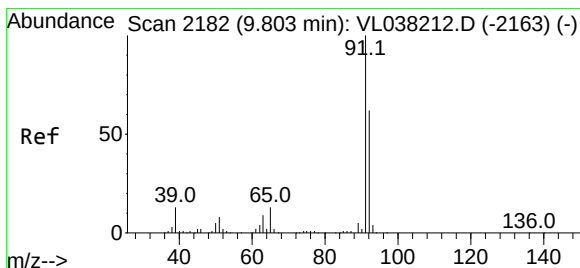
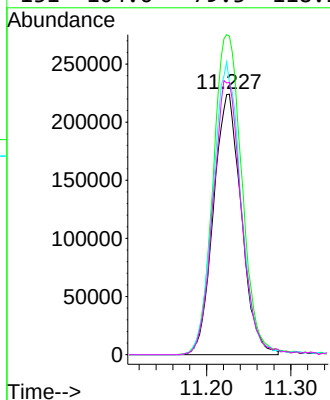
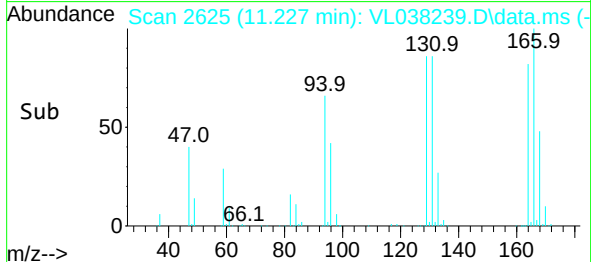
Instrument :
MSVOA_L
ClientSampleId :
SV2



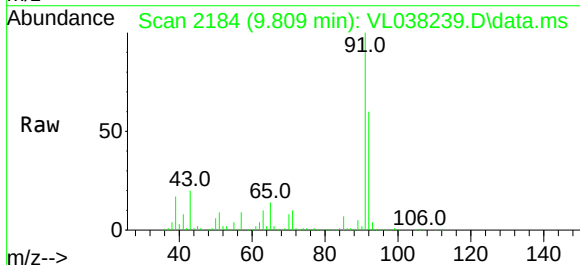
Tgt Ion:164 Resp: 512690
Ion Ratio Lower Upper
164 100
166 122.1 95.6 143.4
129 104.6 85.8 128.8
131 104.6 79.3 118.9

Manual Integrations
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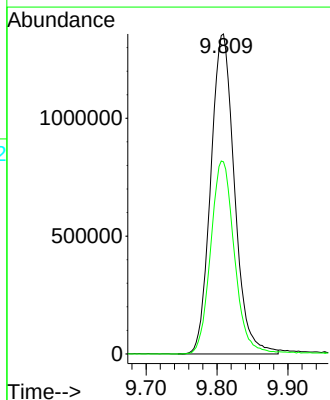
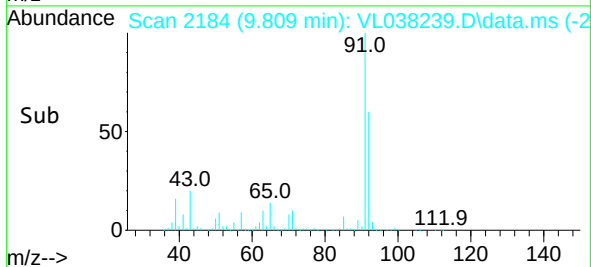
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

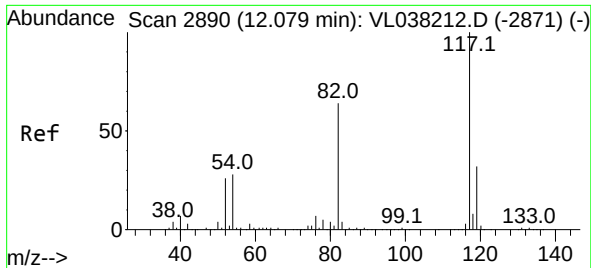


#53
Toluene
Concen: 16.343 ppbv
RT: 9.809 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



Tgt Ion: 91 Resp: 3155769
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.086 min Scan# 2892

Delta R.T. 0.006 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion:117 Resp: 1592119

Ion Ratio Lower Upper

117 100

82 66.6 53.3 79.9

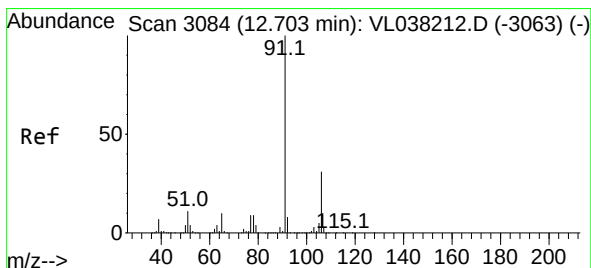
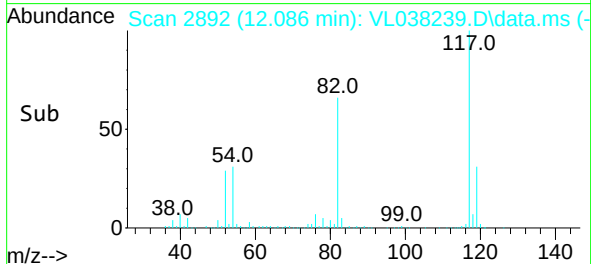
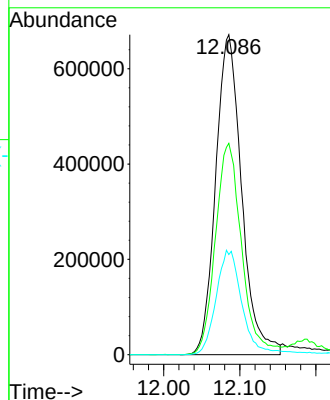
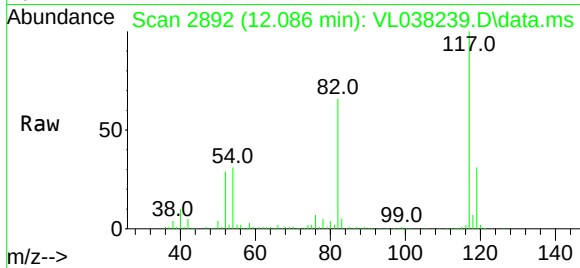
119 34.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#58

Ethyl Benzene

Concen: 4.347 ppbv

RT: 12.709 min Scan# 3086

Delta R.T. 0.006 min

Lab File: VL038239.D

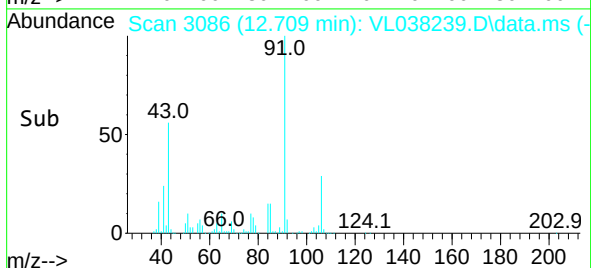
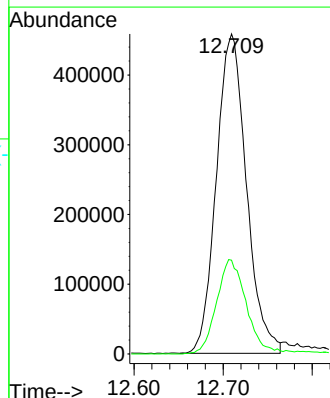
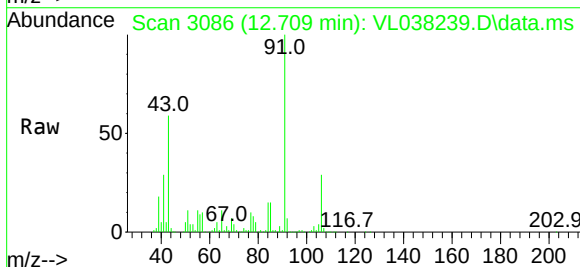
Acq: 29 Dec 2021 19:17

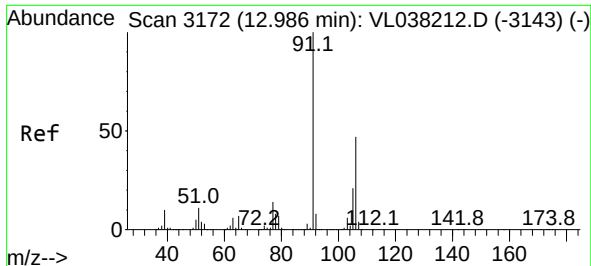
Tgt Ion: 91 Resp: 1073884

Ion Ratio Lower Upper

91 100

106 29.4 25.0 37.4





#59

m/p-Xylene

Concen: 12.954 ppbv

RT: 12.963 min Scan# 3172

Delta R.T. -0.022 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion: 91 Resp: 273620

Ion Ratio Lower Upper

91 100

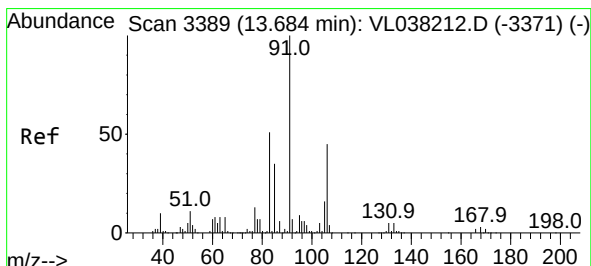
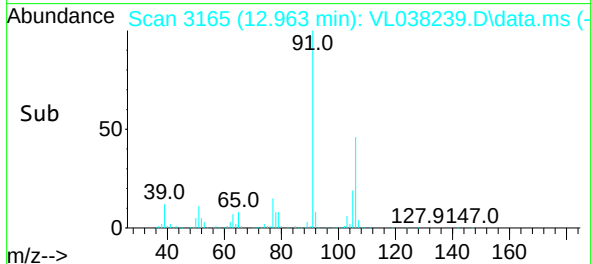
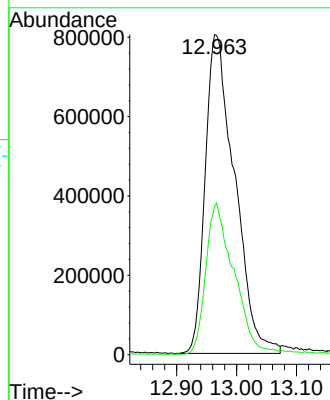
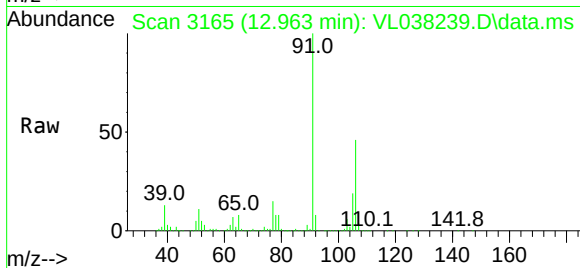
106 46.7 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#60

o-Xylene

Concen: 5.141 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VL038239.D

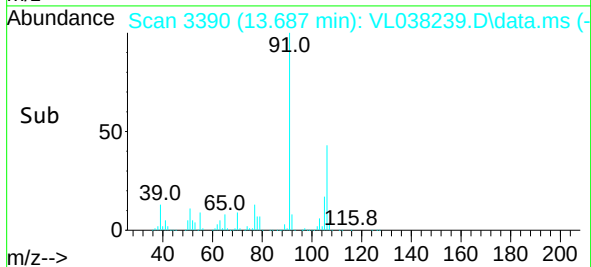
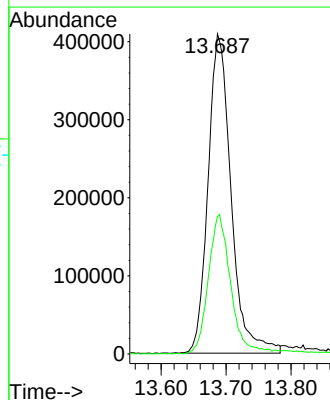
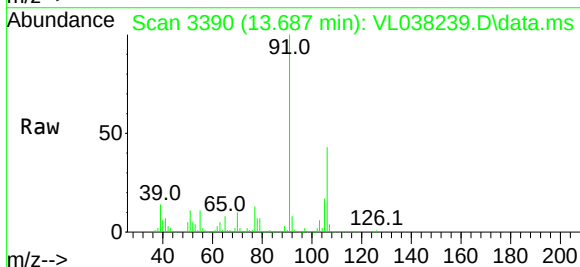
Acq: 29 Dec 2021 19:17

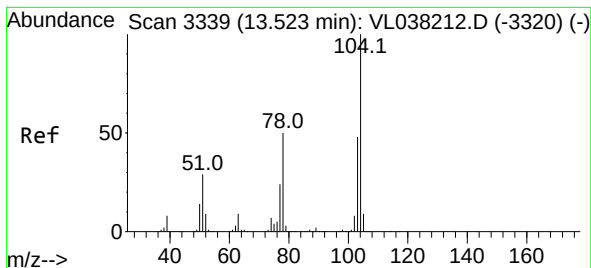
Tgt Ion: 91 Resp: 1006734

Ion Ratio Lower Upper

91 100

106 42.7 23.5 70.5





#61

Styrene

Concen: 0.158 ppbv

RT: 13.516 min Scan# 3337

Delta R.T. -0.006 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Instrument :

MSVOA_L

ClientSampleId :

SV2

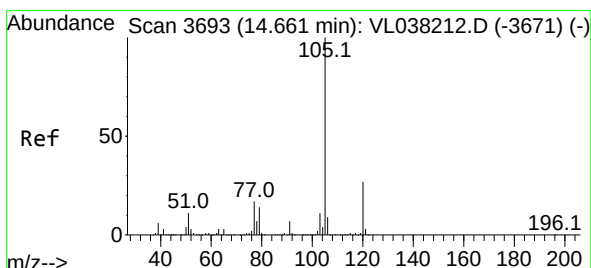
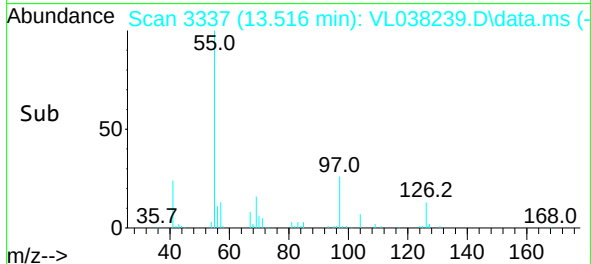
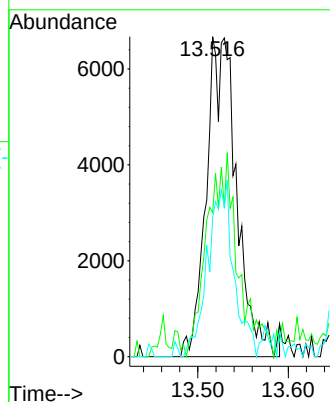
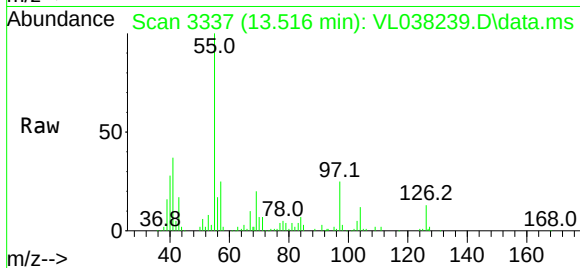
Tgt Ion:104	Resp:	15708
Ion Ratio	Lower	Upper
104	100	
78	71.7	41.0 61.6
103	48.9	38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#62

Isopropylbenzene

Concen: 0.615 ppbv

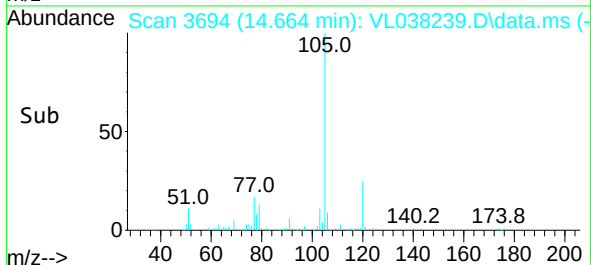
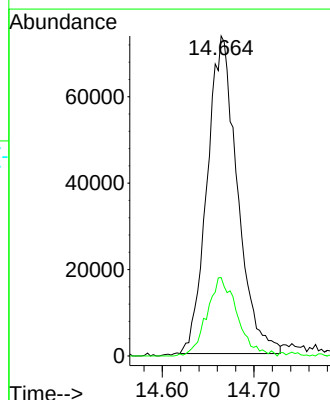
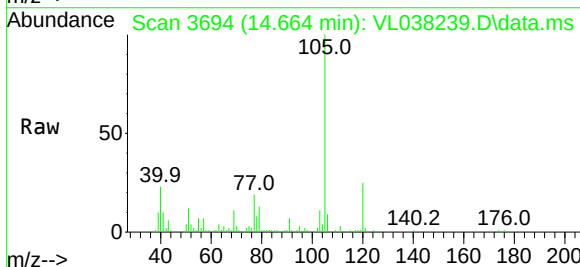
RT: 14.664 min Scan# 3694

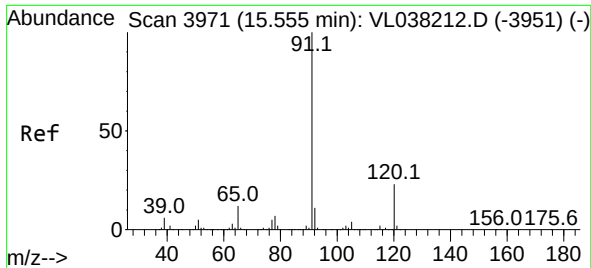
Delta R.T. 0.003 min

Lab File: VL038239.D

Acq: 29 Dec 2021 19:17

Tgt Ion:105	Resp:	169185
Ion Ratio	Lower	Upper
105	100	
120	25.2	21.0 31.6





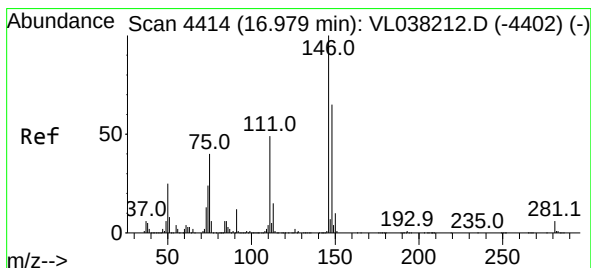
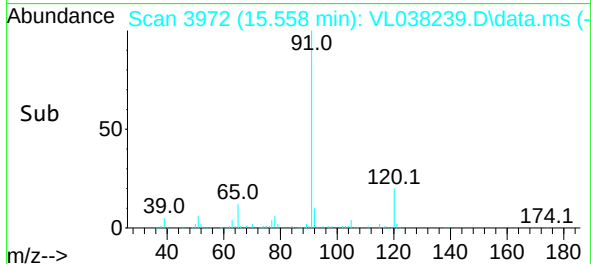
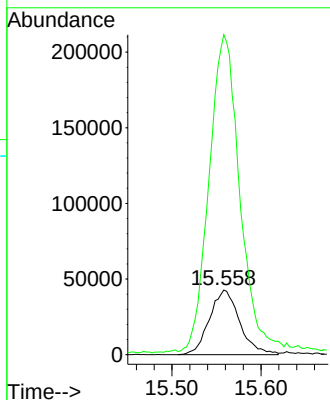
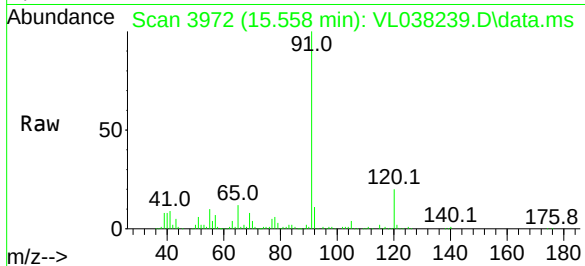
#64
n-propylbenzene
Concen: 1.475 ppbv
RT: 15.558 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 120 Resp: 10079
Ion Ratio Lower Upper
120 100
91 515.4 381.5 572.3

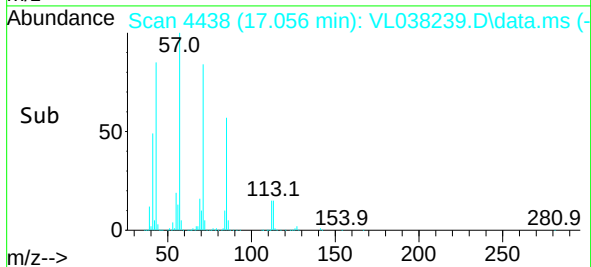
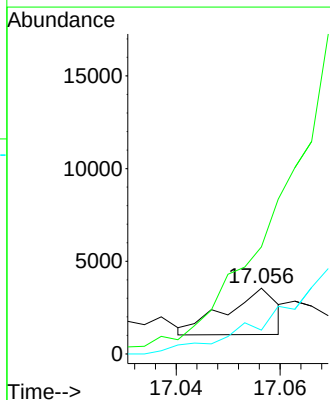
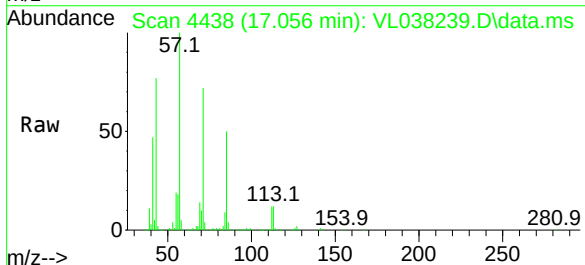
Manual Integrations
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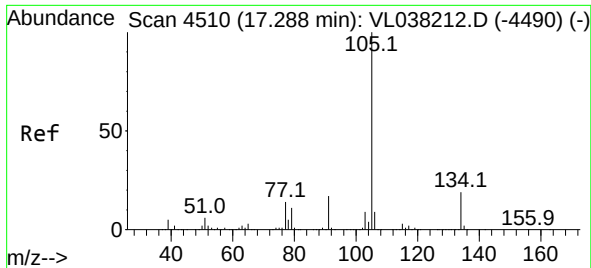
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#66
Benzyl Chloride
Concen: 0.190 ppbv
RT: 17.056 min Scan# 4438
Delta R.T. 0.077 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

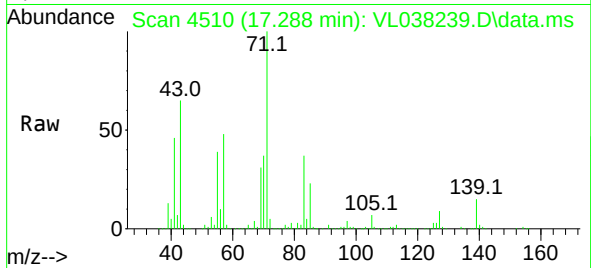
Tgt Ion: 91 Resp: 1714
Ion Ratio Lower Upper
91 100
126 0.0 16.0 24.0#
128 0.0 5.0 7.6#





#67
 sec-Butylbenzene
 Concen: 0.248 ppbv
 RT: 17.288 min Scan# 4510
 Delta R.T. 0.000 min
 Lab File: VL038239.D
 Acq: 29 Dec 2021 19:17

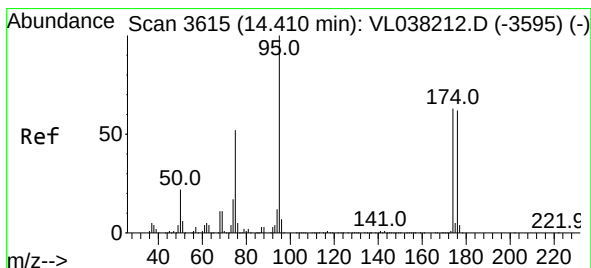
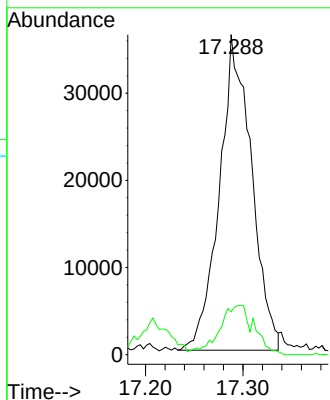
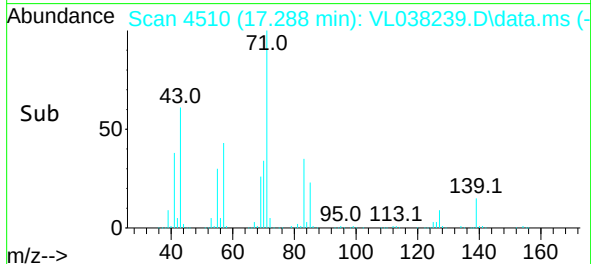
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2



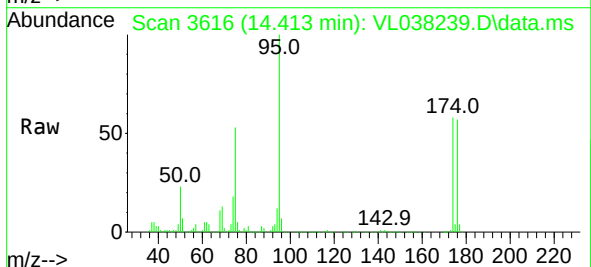
Tgt Ion: 105 Resp: 82629
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.6 22.0

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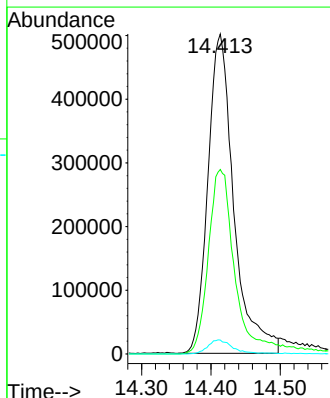
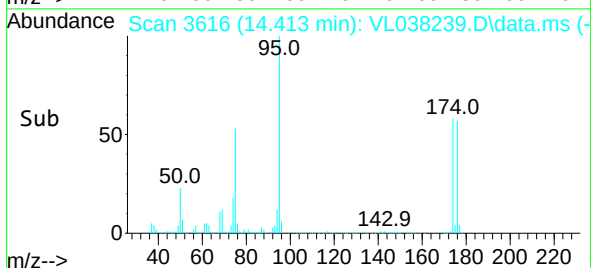
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

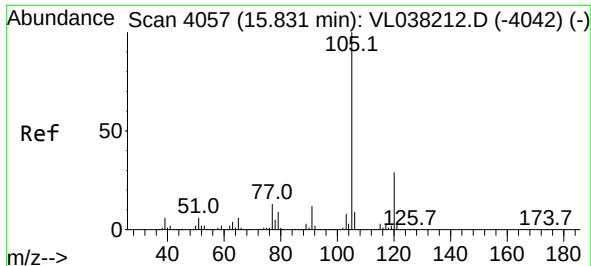


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.608 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. 0.003 min
 Lab File: VL038239.D
 Acq: 29 Dec 2021 19:17



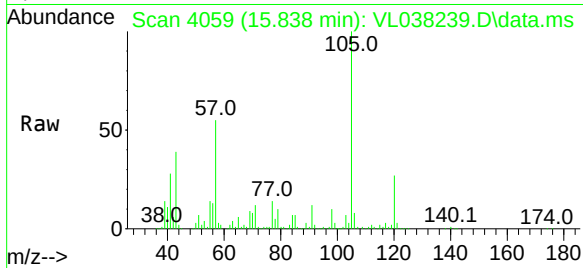
Tgt Ion: 95 Resp: 1301508
 Ion Ratio Lower Upper
 95 100
 174 61.7 54.6 81.8
 175 4.5 4.1 6.1





#72
4-Ethyltoluene
Concen: 2.026 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.006 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17

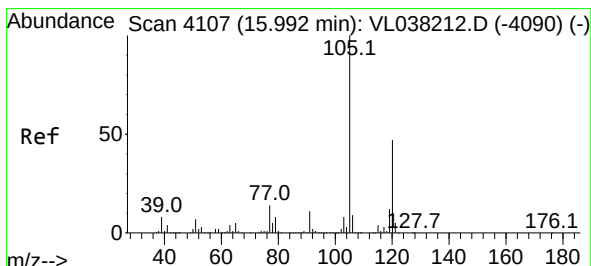
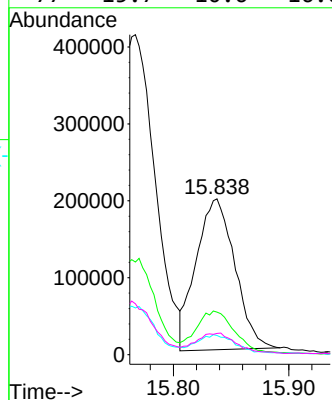
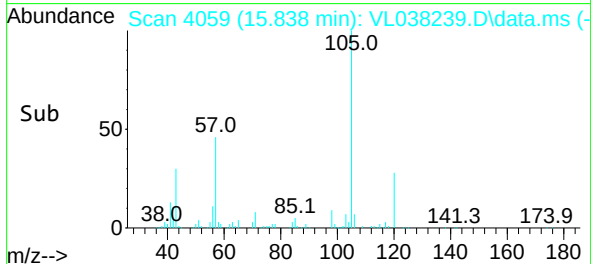
Instrument :
MSVOA_L
ClientSampleId :
SV2



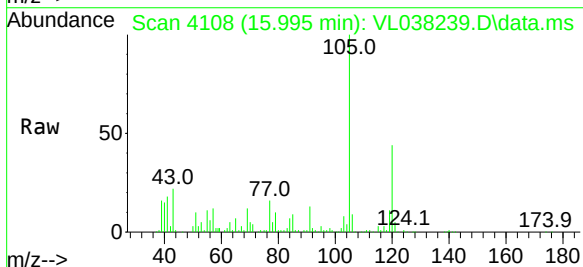
Tgt Ion:105 Resp: 457004
Ion Ratio Lower Upper
105 100
120 31.1 24.3 36.5
91 14.2 9.8 14.6
77 15.7 10.6 16.0

Manual Integrations
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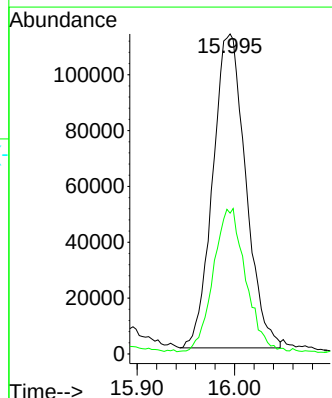
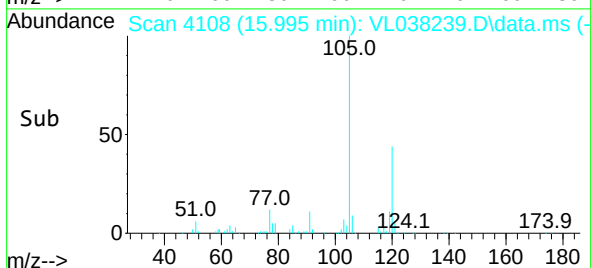
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

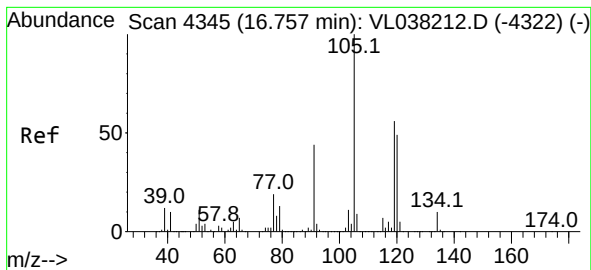


#73
1,3,5-Trimethylbenzene
Concen: 1.308 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.003 min
Lab File: VL038239.D
Acq: 29 Dec 2021 19:17



Tgt Ion:105 Resp: 263878
Ion Ratio Lower Upper
105 100
120 44.0 37.3 55.9





#74

1,2,4-Trimethylbenzene

Concen: 3.844 ppbv

RT: 16.764 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL038239.D

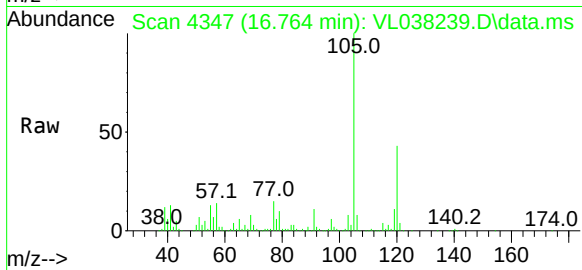
Acq: 29 Dec 2021 19:17

Instrument :

MSVOA_L

ClientSampleId :

SV2



Tgt Ion:105 Resp: 814710

Ion Ratio Lower Upper

105 100

120 42.6 39.4 59.2

91 10.9 35.0 52.4

77 14.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022

