

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038231.D
 Acq On : 29 Dec 2021 13:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 18:40:37 2021

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 29 18:40:37 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	5.677	49	739918	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2014743	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	1703889m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 1505130 11.463 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 114.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	1187574	8.518	ppbv	98
3) Chlorodifluoromethane	3.002	51	1348787	8.675	ppbv	99
4) Chloromethane	3.156	50	466162	8.647	ppbv	97
5) Vinyl Chloride	3.272	62	473732	8.742	ppbv	99
6) Bromomethane	3.488	94	265406	9.612	ppbv	94
7) Chloroethane	3.571	64	164589	9.020	ppbv	99
8) Dichlorotetrafluoroethane	3.201	85	1124246	8.497	ppbv	96
9) Propene	3.025	41	458844	8.499	ppbv	99
10) Heptane	8.131	43	1150594	8.402	ppbv	99
11) Trichlorofluoromethane	3.963	101	1134900	8.863	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.497	101	830365	8.586	ppbv	96
13) Ethanol	3.619	45	68642m	7.500	ppbv	
14) Bromoethene	3.755	108	351121	9.113	ppbv	97
15) Acetone	3.861	43	590269	7.949	ppbv	96
16) 1,3-Butadiene	3.343	39	455103	8.996	ppbv	99
17) tert-Butyl alcohol	4.301	59	713158	8.744	ppbv	99
18) 1,1-Dichloroethene	4.301	96	370400	8.745	ppbv	99
19) Isopropyl Alcohol	3.976	45	408024	8.809	ppbv	100
20) Methylene Chloride	4.356	84	312240	7.447	ppbv	97
21) Allyl Chloride	4.423	41	566999	9.026	ppbv	96
22) trans-1,2-Dichloroethene	4.896	96	391650	9.063	ppbv	96
23) Vinyl Acetate	5.082	43	932059	9.270	ppbv	98
24) 1,1-Dichloroethane	5.025	63	767743	8.538	ppbv	100
25) Ethyl Acetate	5.687	43	1801172	8.953	ppbv	99
26) Hexane	5.697	57	827658	8.199	ppbv	96
27) Carbon Disulfide	4.562	76	979830	11.027	ppbv	100
28) Methyl tert-Butyl Ether	5.044	73	802969	7.916	ppbv	99
29) Chloroform	5.761	83	1349400	9.009	ppbv	98
30) Cyclohexane	7.140	84	704964	7.885	ppbv	90
31) cis-1,2-Dichloroethene	5.558	61	845910	10.686	ppbv	93
32) 1,1,1-Trichloroethane	6.520	97	1359241	9.146	ppbv	98
34) 2-Butanone	5.256	43	601984	9.941	ppbv	99
35) Carbon Tetrachloride	7.028	117	1414430	11.373	ppbv	99
36) Benzene	6.902	78	1749513	9.309	ppbv	97
37) 1,2-Dichloroethane	6.317	62	1011372	10.725	ppbv	98
38) Trichloroethene	7.844	130	633446	8.857	ppbv	96
39) 1,2-Dichloropropane	7.619	63	686707	9.494	ppbv	97
40) 1,4-Dioxane	7.841	88	171545	8.153	ppbv	95
41) Tetrahydrofuran	6.063	42	445032	10.033	ppbv	97
42) Bromodichloromethane	7.799	83	1506182	11.226	ppbv	99
43) Methyl Methacrylate	8.021	69	659656	10.200	ppbv	96
44) 2,2,4-Trimethylpentane	7.880	57	2927682	9.171	ppbv	98
45) t-1,3-Dichloropropene	9.285	75	613077	12.809	ppbv	96

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

Quant Time: Dec 29 18:40:37 2021

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 29 18:40:37 2021

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	767026	11.577	ppbv	96
47) 1,1,2-Trichloroethane	9.484	97	681150	9.074	ppbv	98
48) Dibromochloromethane	10.310	129	1184817	11.224	ppbv	99
49) Bromoform	13.047	173	855836	11.411	ppbv	98
50) 4-Methyl-2-Pentanone	8.751	43	1208697	10.978	ppbv	98
51) 2-Hexanone	10.143	43	565645	10.734	ppbv #	97
52) Tetrachloroethene	11.227	164	545611	7.865	ppbv	96
53) Toluene	9.815	91	1936753	8.932	ppbv	99
54) 1,2-Dibromoethane	10.619	107	988789	9.285	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.134	131	727982	10.272	ppbv	96
57) Chlorobenzene	12.153	112	1292461	8.746	ppbv	93
58) Ethyl Benzene	12.716	91	2516658	9.518	ppbv	97
59) m/p-Xylene	13.005	91	4256675m	18.831	ppbv	
60) o-Xylene	13.699	91	1909429	9.111	ppbv	97
61) Styrene	13.535	104	964430	9.085	ppbv	93
62) Isopropylbenzene	14.670	105	2515163	8.548	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.683	83	1337338	8.298	ppbv	99
64) n-propylbenzene	15.568	120	639835	8.746	ppbv	89
65) tert-Butylbenzene	16.748	119	2183189	8.429	ppbv	96
66) Benzyl Chloride	16.995	91	145315	15.054	ppbv	96
67) sec-Butylbenzene	17.301	105	3048609	8.566	ppbv	99
69) p-Isopropyltoluene	17.657	119	2425373	8.474	ppbv	98
70) n-Butylbenzene	18.555	91	2479088	9.110	ppbv	98
71) 2-Chlorotoluene	15.458	91	1912890	8.734	ppbv	98
72) 4-Ethyltoluene	15.847	105	2113235	8.756	ppbv	98
73) 1,3,5-Trimethylbenzene	16.002	105	1901818	8.805	ppbv	99
74) 1,2,4-Trimethylbenzene	16.770	105	1972496	8.695	ppbv	97
75) 1,3-Dichlorobenzene	17.002	146	1069714	8.730	ppbv	99
76) 1,4-Dichlorobenzene	17.143	146	1021435	8.402	ppbv	99
77) 1,2-Dichlorobenzene	17.825	146	1010019	8.609	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	606623	8.380	ppbv	100
79) Naphthalene	22.201	128	1175452	10.031	ppbv	98
80) Naphthalene,2-methyl-	24.972	142	201120	8.650	ppbv #	91
81) 1,2,4-Trichlorobenzene	21.927	180	633985	9.461	ppbv	99

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

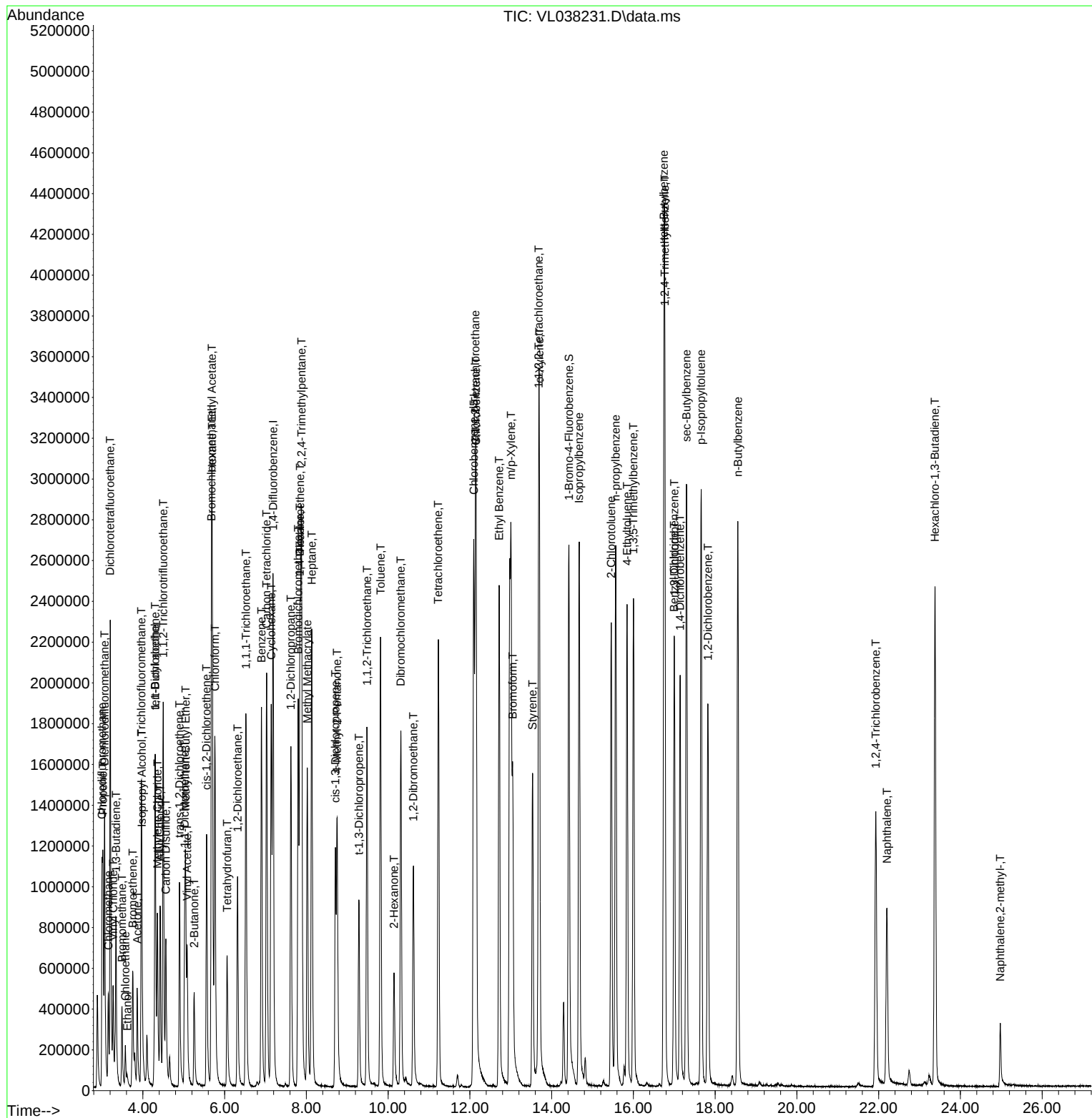
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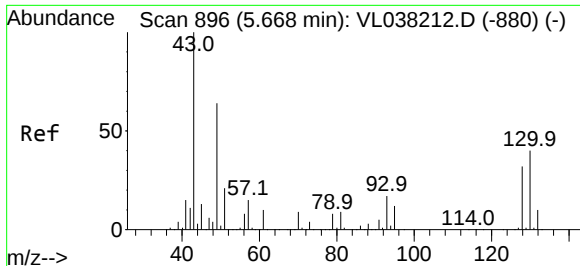
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

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

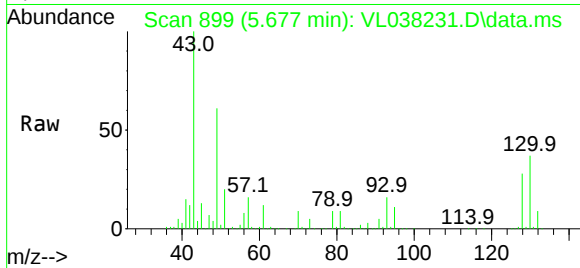
Quant Time: Dec 29 18:40:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

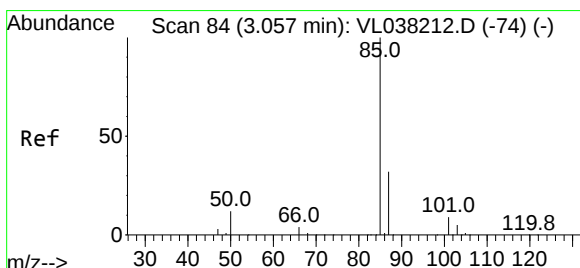
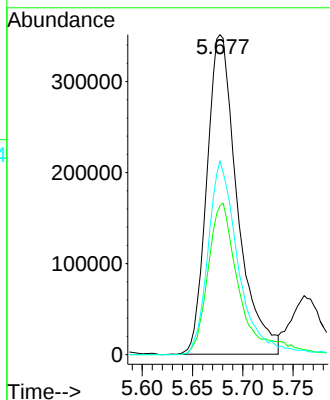
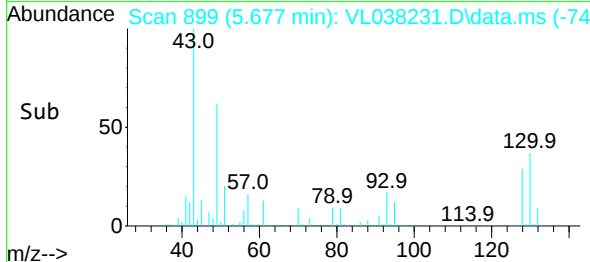
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 739918
Ion Ratio Lower Upper
49 100
128 50.1 26.9 80.6
130 60.8 32.3 96.9

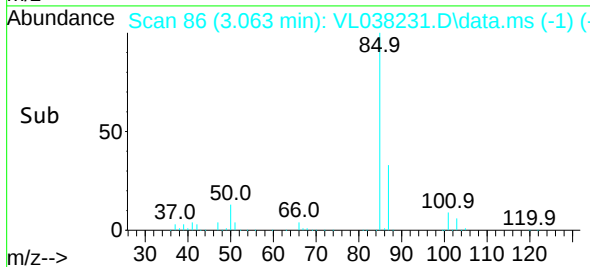
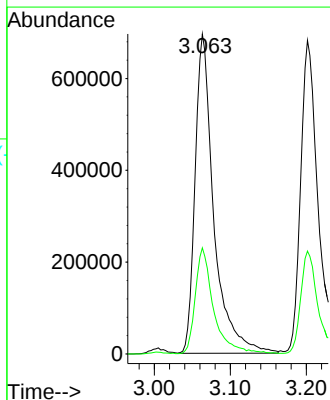
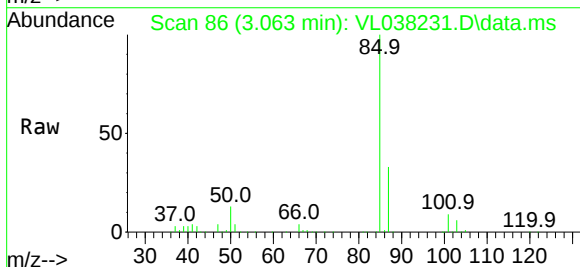
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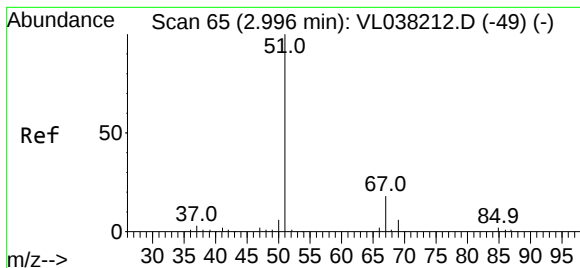
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#2
Dichlorodifluoromethane
Concen: 8.518 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 85 Resp: 1187574
Ion Ratio Lower Upper
85 100
87 33.1 25.4 38.2





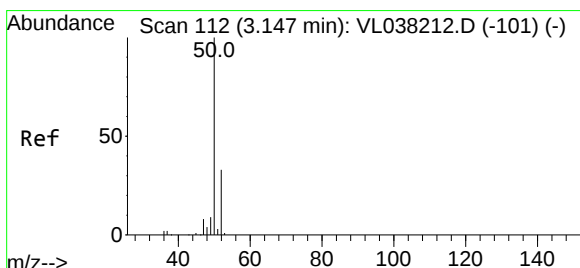
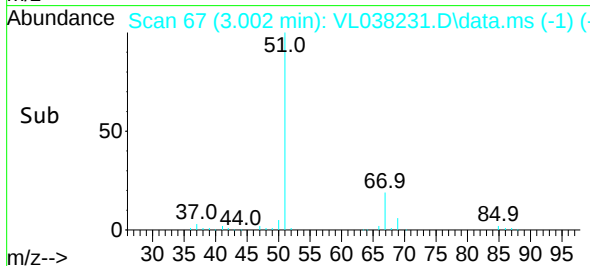
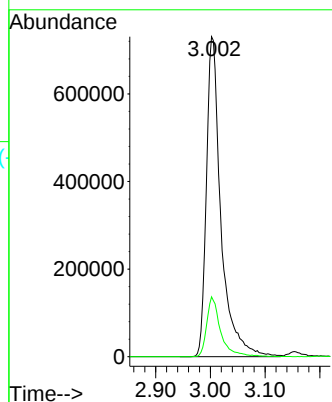
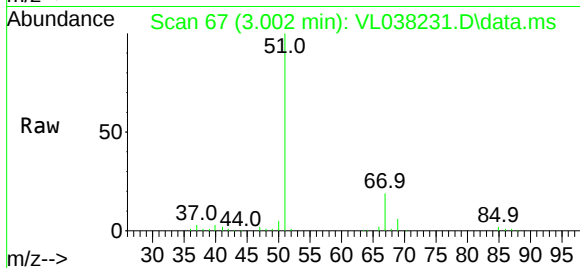
#3
Chlorodifluoromethane
Concen: 8.675 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 134878
Ion Ratio Lower Upper
51 100
67 18.0 14.0 21.0

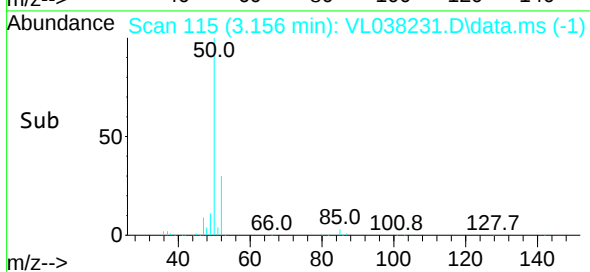
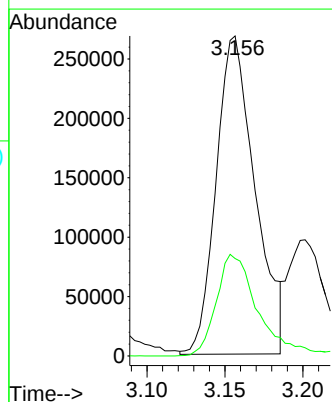
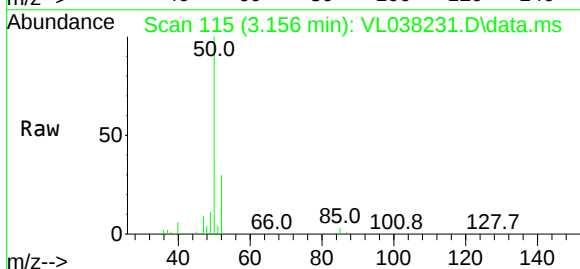
Manual Integrations
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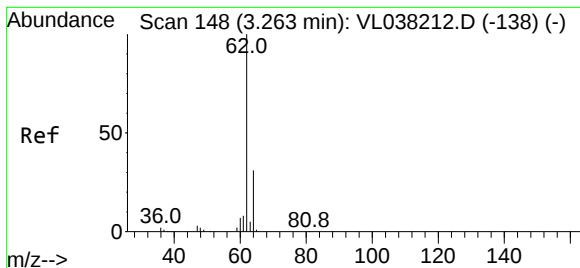
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#4
Chloromethane
Concen: 8.647 ppbv
RT: 3.156 min Scan# 115
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 50 Resp: 466162
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.2





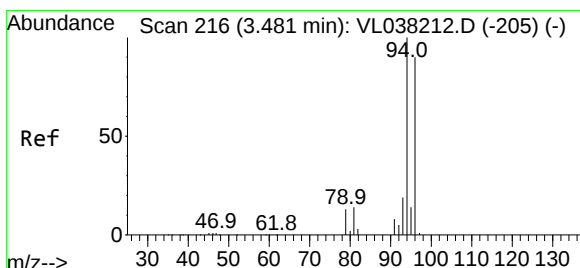
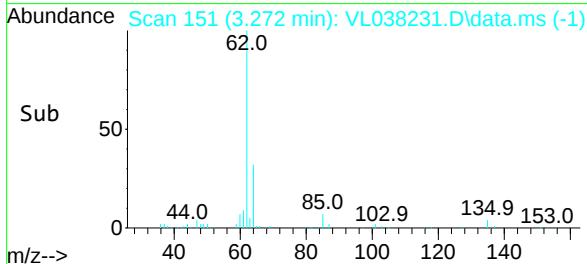
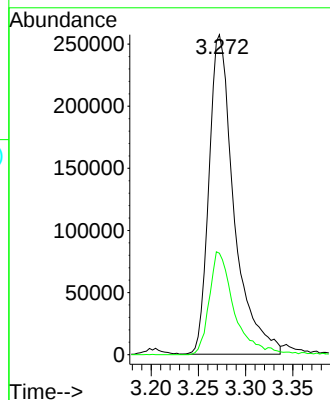
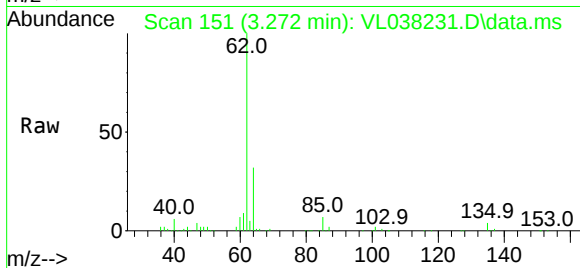
#5
 Vinyl Chloride
 Concen: 8.742 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.009 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 47373
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.1 37.7

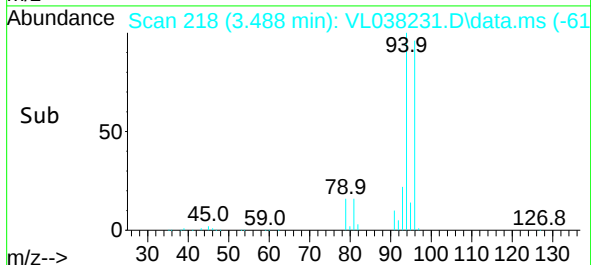
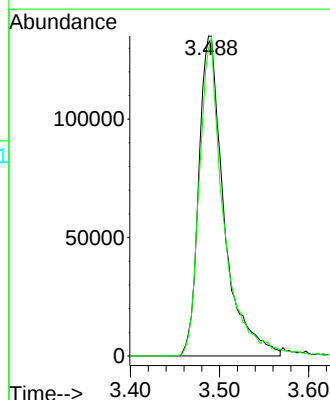
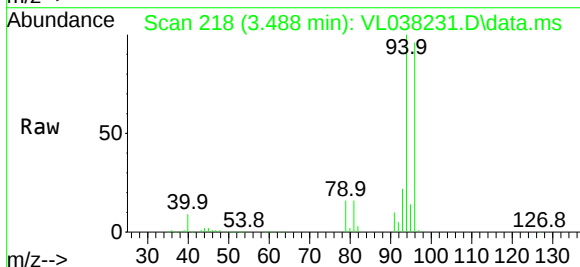
Manual Integrations
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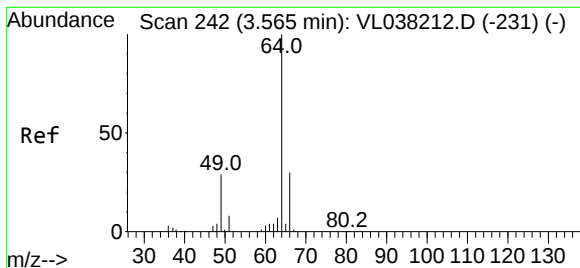
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#6
 Bromomethane
 Concen: 9.612 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

Tgt Ion: 94 Resp: 265406
 Ion Ratio Lower Upper
 94 100
 96 95.7 72.2 108.2





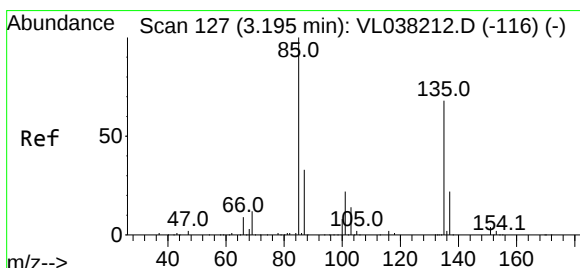
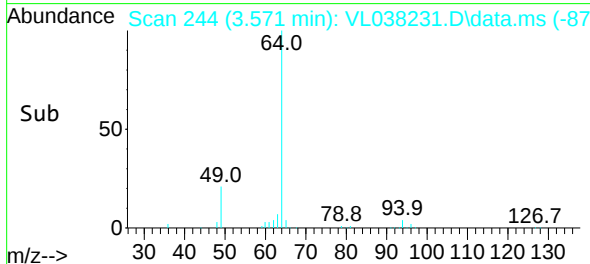
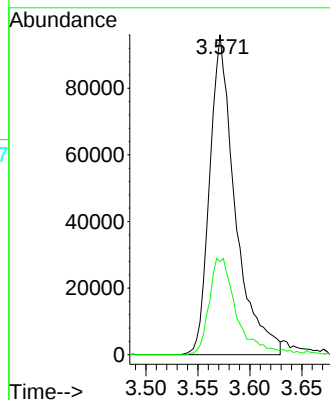
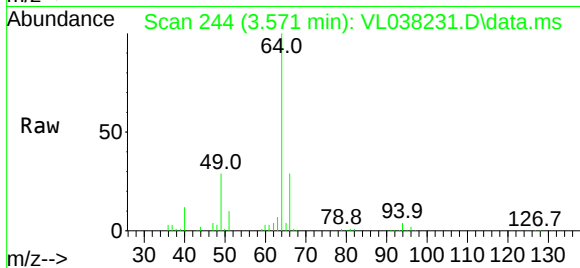
#7
Chloroethane
Concen: 9.020 ppbv
RT: 3.571 min Scan# 242
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 164589
Ion Ratio Lower Upper
64 100
66 29.1 23.6 35.4

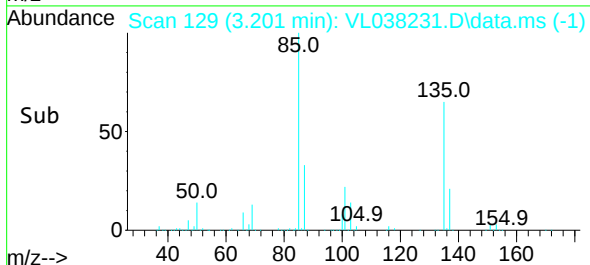
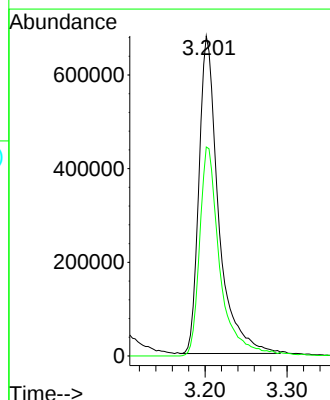
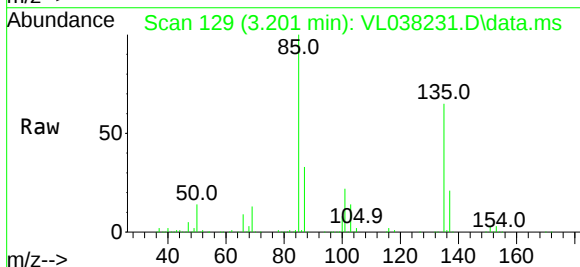
Manual Integrations
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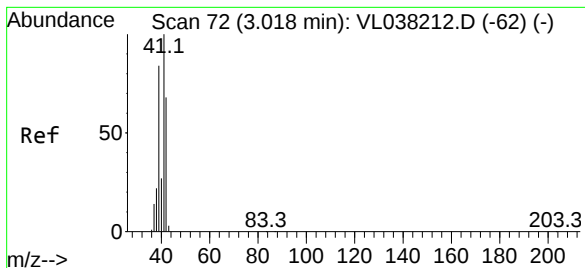
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#8
Dichlorotetrafluoroethane
Concen: 8.497 ppbv
RT: 3.201 min Scan# 129
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

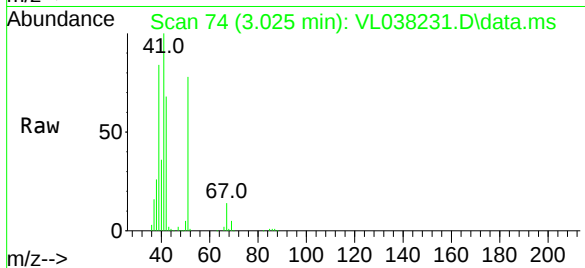
Tgt Ion: 85 Resp: 1124246
Ion Ratio Lower Upper
85 100
135 68.9 57.7 86.5





#9
Propene
Concen: 8.499 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

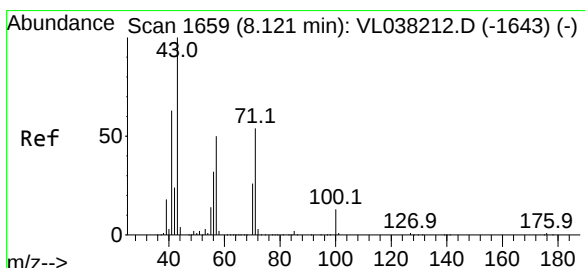
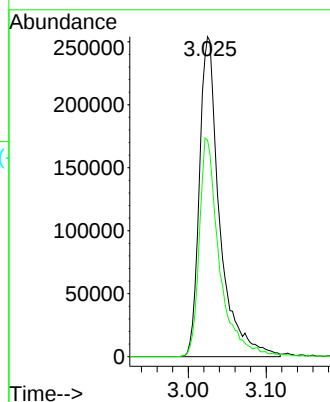
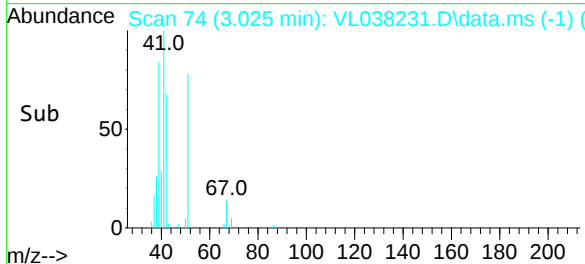
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 458844
Ion Ratio Lower Upper
41 100
42 68.2 55.5 83.3

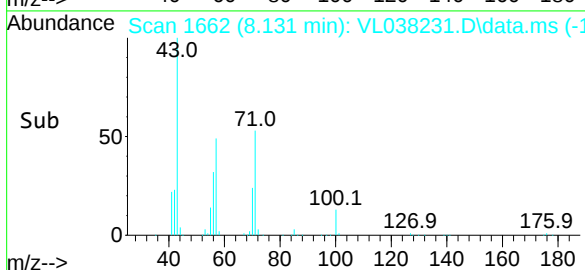
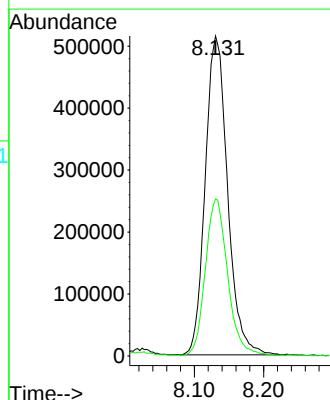
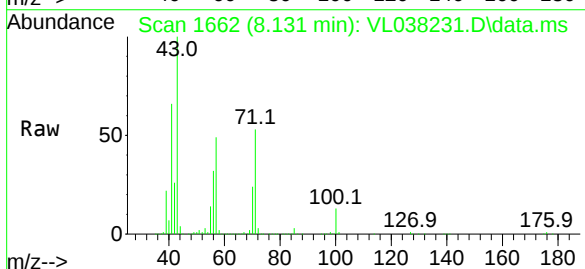
Manual Integrations
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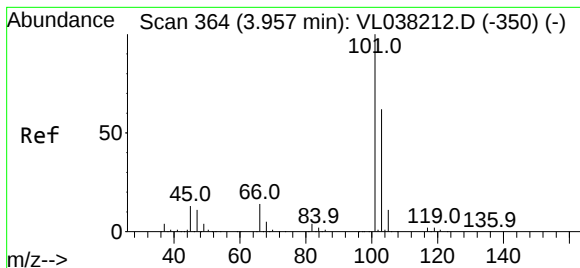
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#10
Heptane
Concen: 8.402 ppbv
RT: 8.131 min Scan# 1662
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 43 Resp: 1150594
Ion Ratio Lower Upper
43 100
57 49.7 40.3 60.5





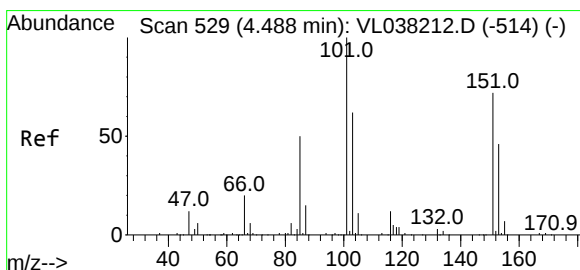
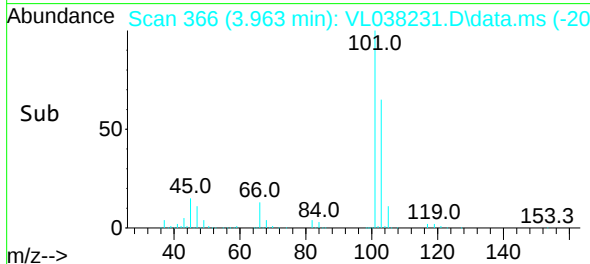
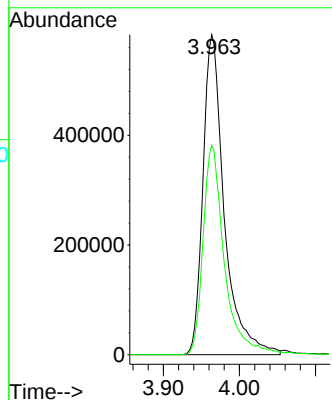
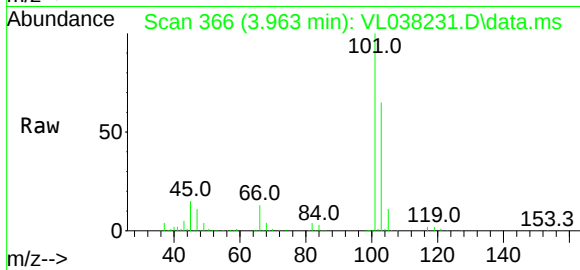
#11
 Trichlorofluoromethane
 Concen: 8.863 ppbv
 RT: 3.963 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 1134900
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.9 74.9

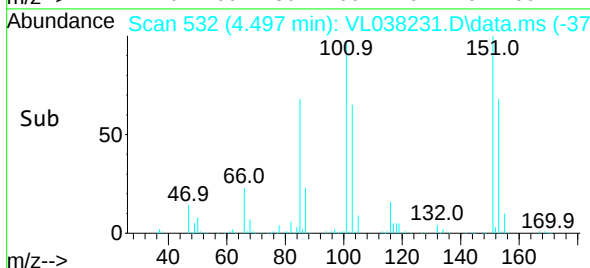
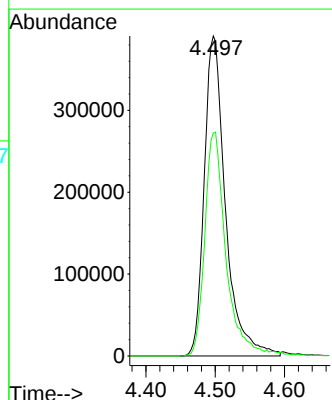
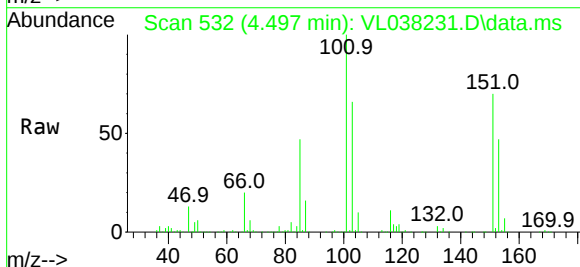
Manual Integrations
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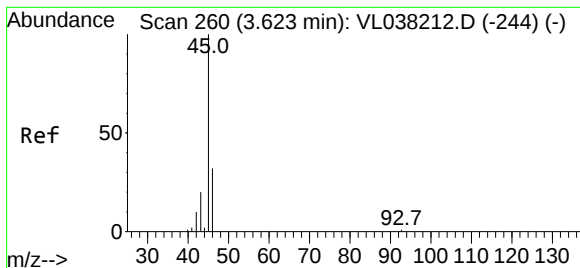
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.586 ppbv
 RT: 4.497 min Scan# 532
 Delta R.T. 0.009 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

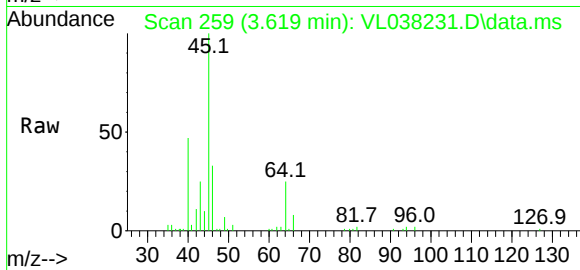
Tgt Ion:101 Resp: 830365
 Ion Ratio Lower Upper
 101 100
 151 70.1 58.6 87.8





#13
Ethanol
Concen: 7.500 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

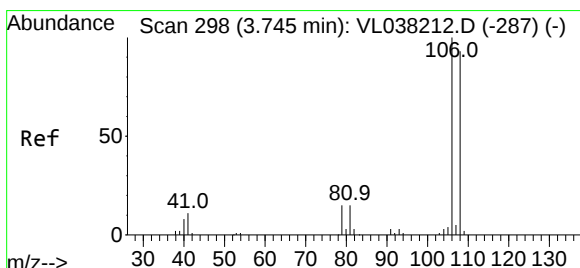
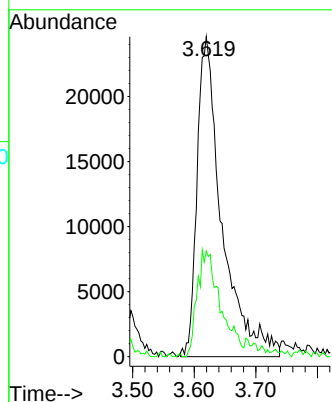
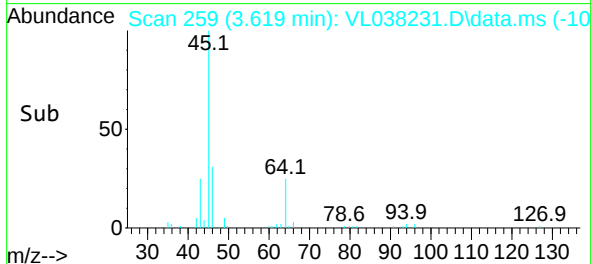
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



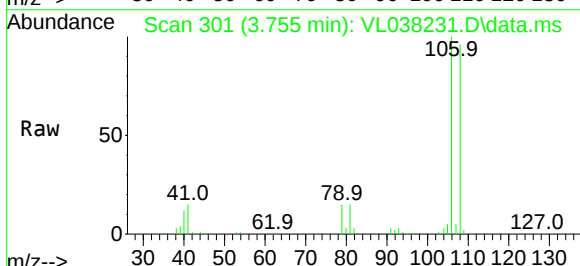
Tgt Ion: 45 Resp: 6864
Ion Ratio Lower Upper
45 100
46 35.2 0.0 0.0

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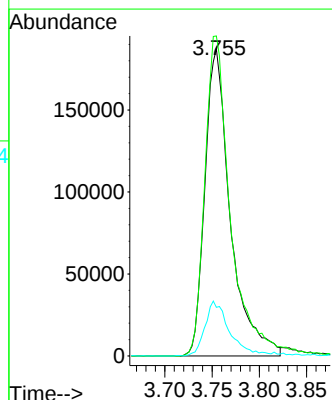
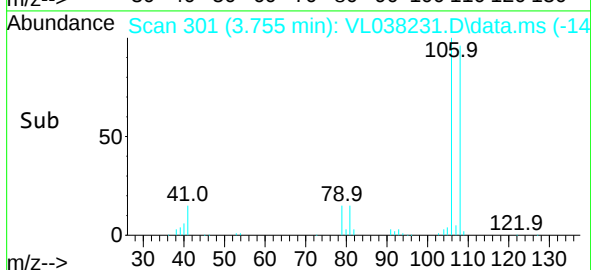
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

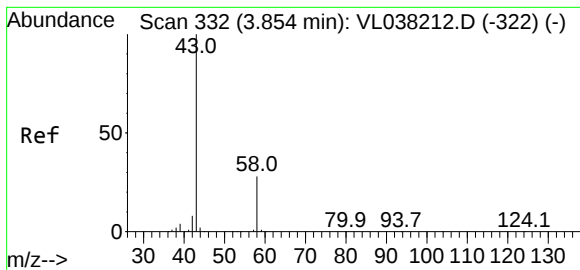


#14
Bromoethene
Concen: 9.113 ppbv
RT: 3.755 min Scan# 301
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



Tgt Ion:108 Resp: 351121
Ion Ratio Lower Upper
108 100
106 106.8 88.2 132.2
79 18.4 13.7 20.5





#15

Acetone

Concen: 7.949 ppbv

RT: 3.861 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

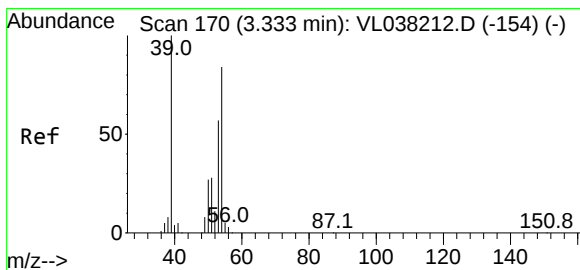
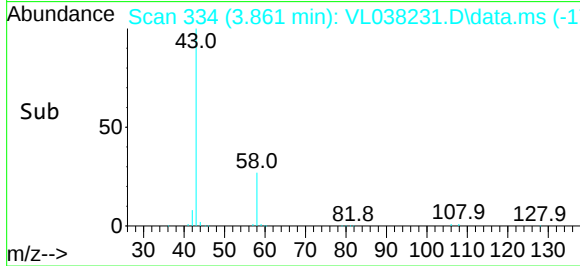
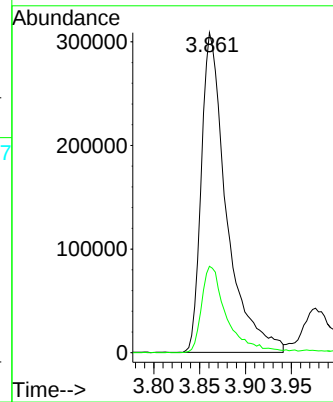
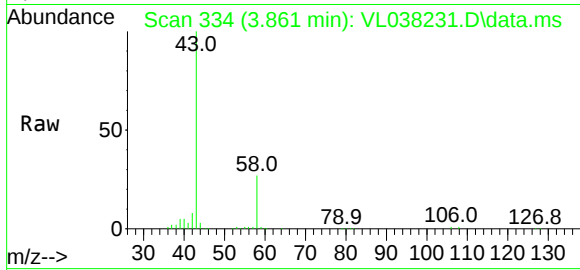
Tgt Ion: 43 Resp: 590269
 Ion Ratio Lower Upper
 43 100
 58 27.1 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#16

1,3-Butadiene

Concen: 8.996 ppbv

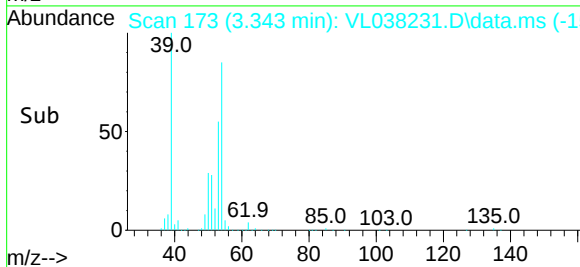
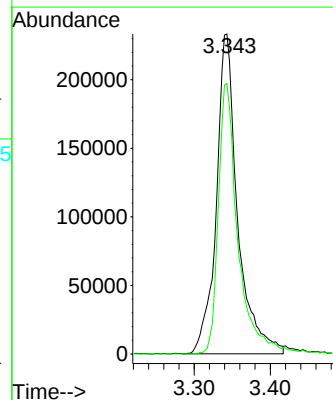
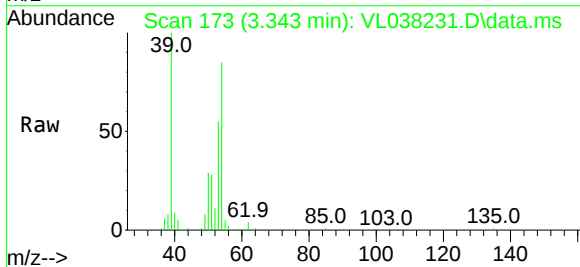
RT: 3.343 min Scan# 173

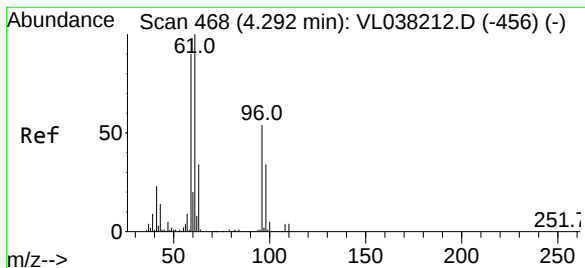
Delta R.T. 0.009 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Tgt Ion: 39 Resp: 455103
 Ion Ratio Lower Upper
 39 100
 54 78.1 62.9 94.3





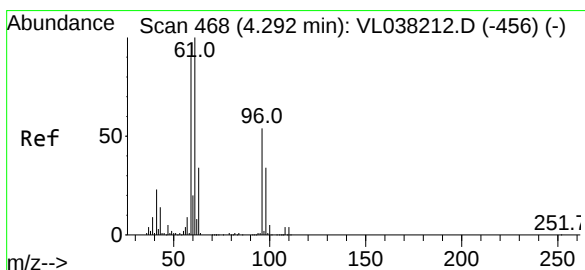
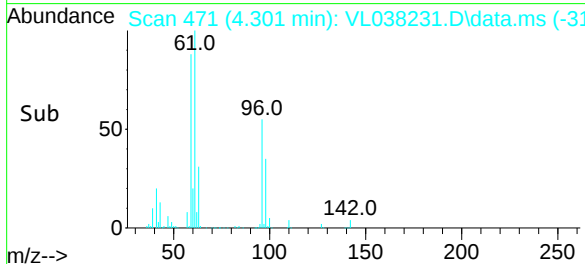
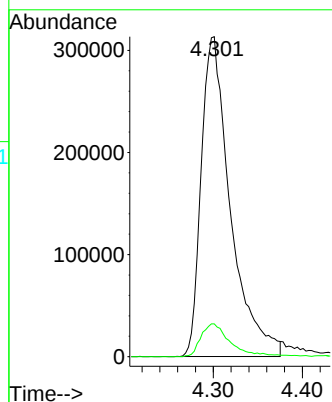
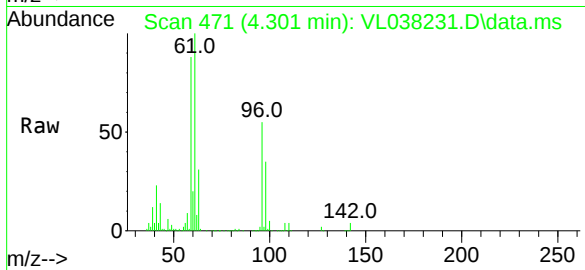
#17
tert-Butyl alcohol
Concen: 8.744 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 59 Resp: 713158
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

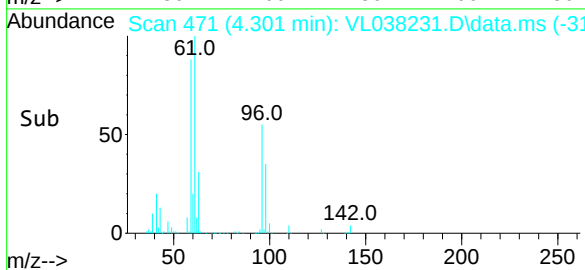
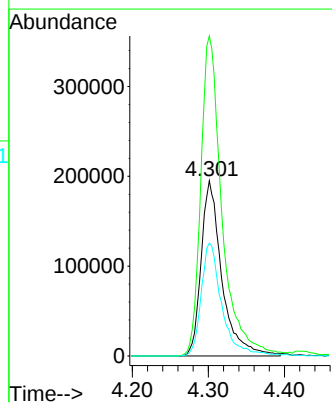
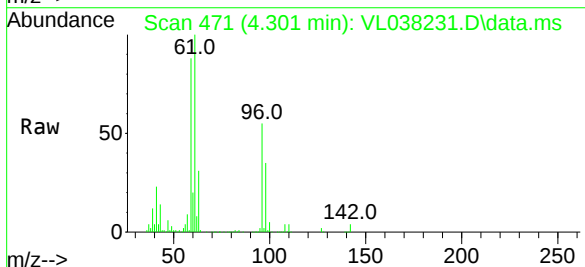
Manual Integrations
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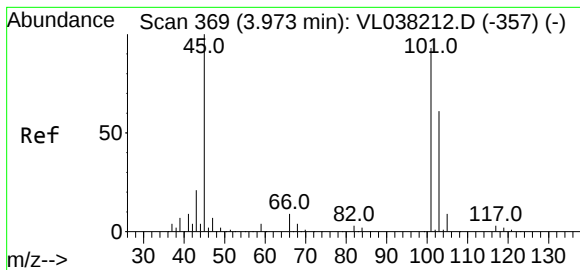
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#18
1,1-Dichloroethene
Concen: 8.745 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 96 Resp: 370400
Ion Ratio Lower Upper
96 100
61 182.5 147.4 221.0
98 64.4 50.7 76.1





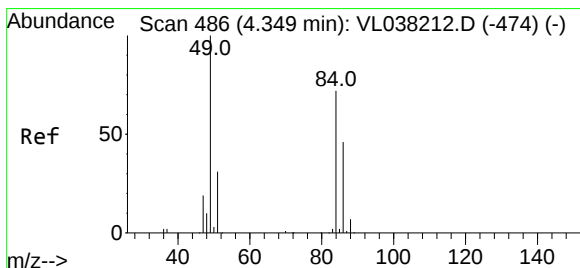
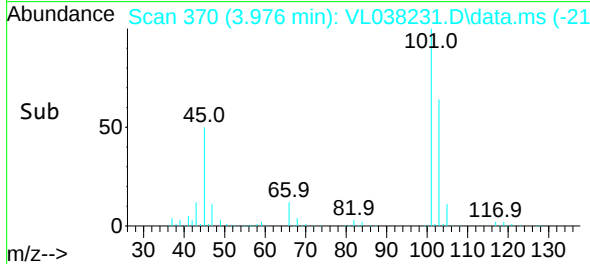
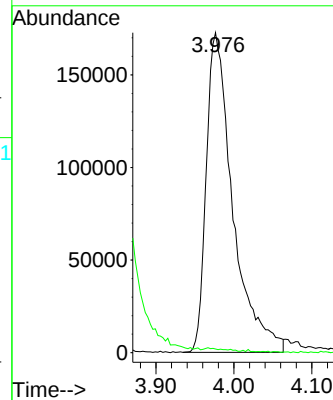
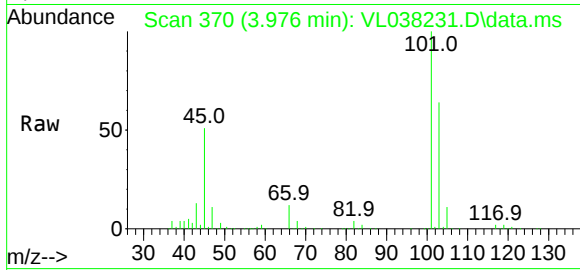
#19
Isopropyl Alcohol
Concen: 8.809 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 408024
Ion Ratio Lower Upper
45 100
58 40.5 32.4 48.6

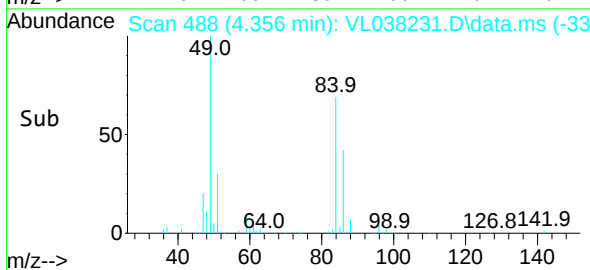
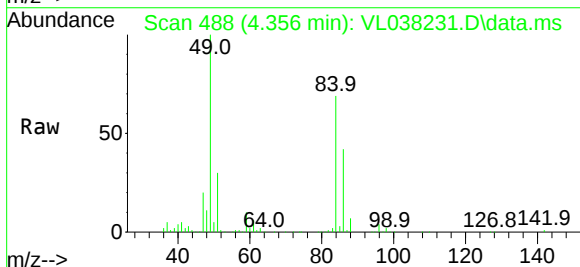
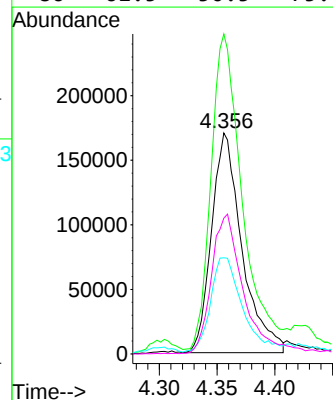
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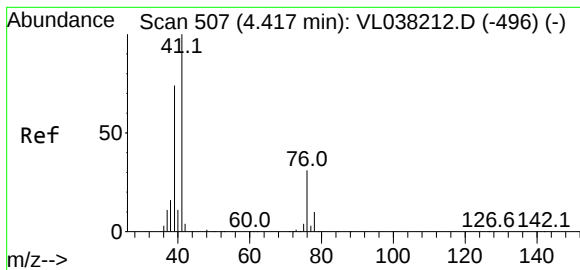
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#20
Methylene Chloride
Concen: 7.447 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

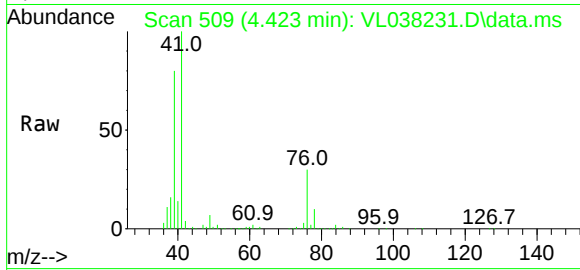
Tgt Ion: 84 Resp: 312240
Ion Ratio Lower Upper
84 100
49 143.6 110.6 166.0
51 42.9 34.2 51.2
86 61.5 50.5 75.7





#21
 Allyl Chloride
 Concen: 9.026 ppbv
 RT: 4.423 min Scan# 507
 Delta R.T. 0.006 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

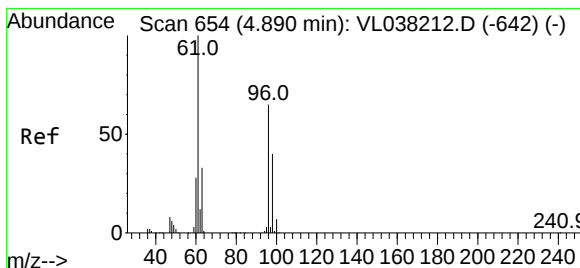
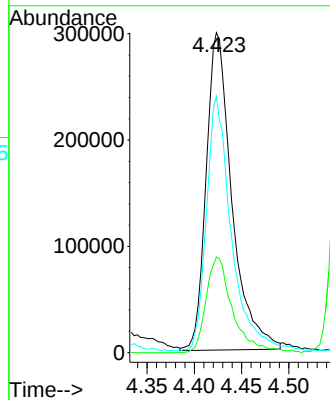
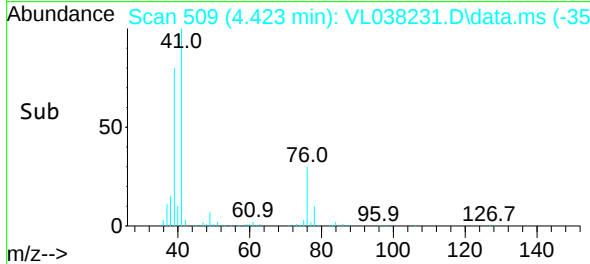
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 566999
 Ion Ratio Lower Upper
 41 100
 76 30.9 25.2 37.8
 39 77.9 66.1 99.1

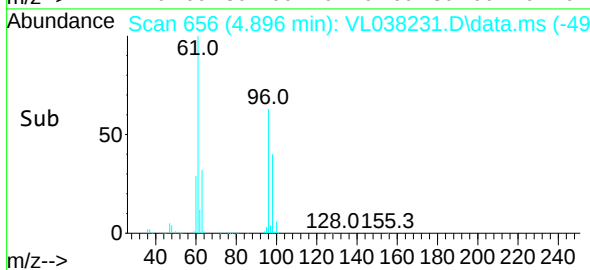
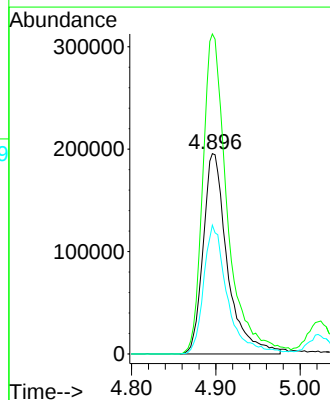
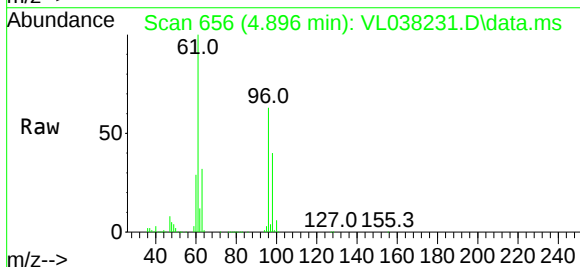
Manual Integrations
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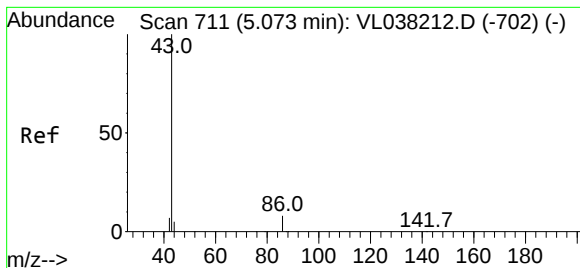
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.063 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.006 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

Tgt Ion: 96 Resp: 391650
 Ion Ratio Lower Upper
 96 100
 61 159.7 123.5 185.3
 98 64.3 50.0 75.0





#23

Vinyl Acetate

Concen: 9.270 ppbv

RT: 5.082 min Scan# 711

Delta R.T. 0.009 min

Lab File: VL038231.D

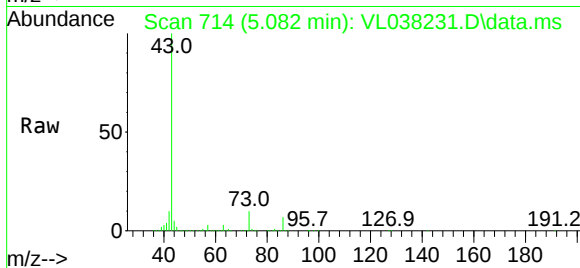
Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 43 Resp: 932059

Ion Ratio Lower Upper

43 100

86 6.8 5.6 8.4

42 9.9 7.0 10.4

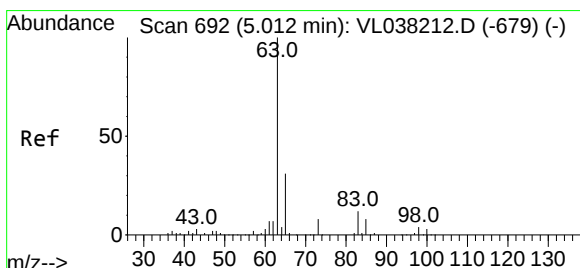
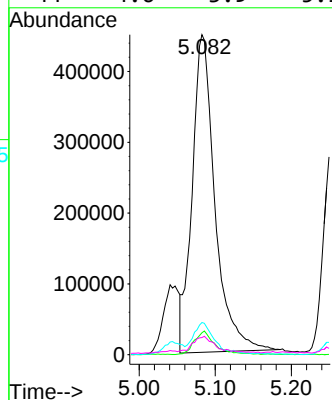
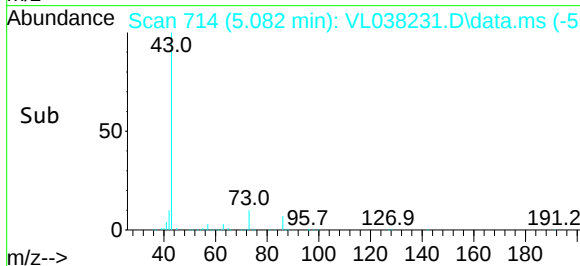
44 4.6 3.9 5.9

Manual Integrations

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Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#24

1,1-Dichloroethane

Concen: 8.538 ppbv

RT: 5.025 min Scan# 696

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

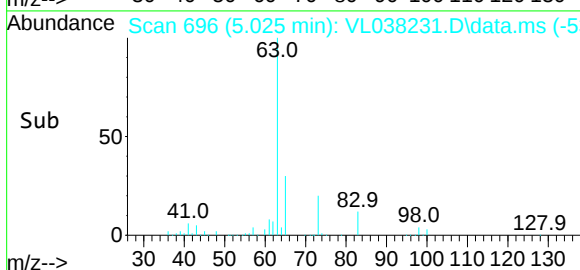
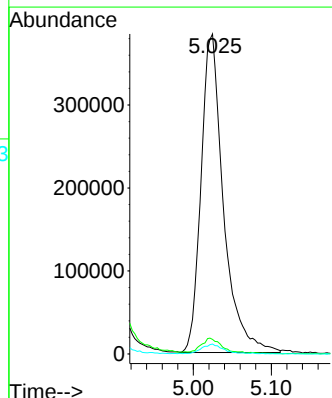
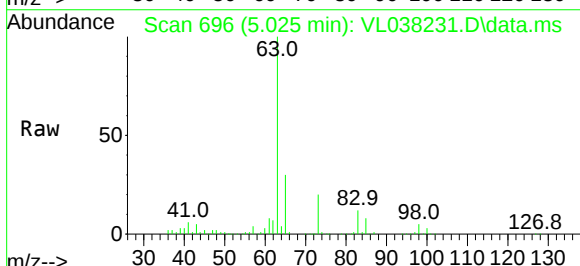
Tgt Ion: 63 Resp: 767743

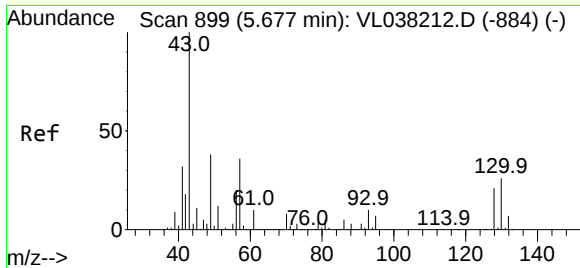
Ion Ratio Lower Upper

63 100

98 4.4 2.2 6.6

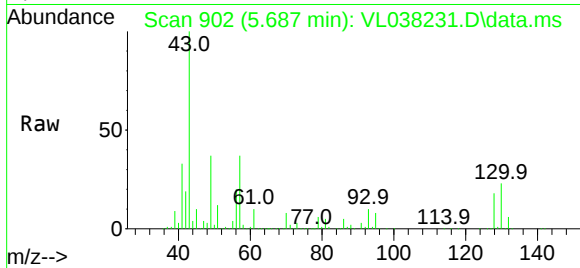
100 3.1 1.5 4.4





#25
Ethyl Acetate
Concen: 8.953 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

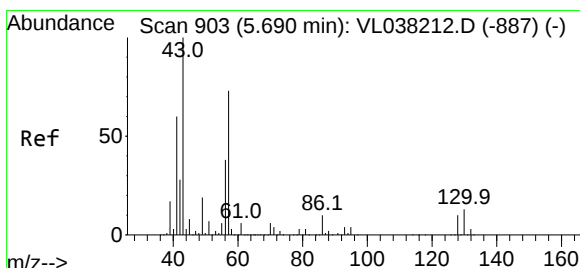
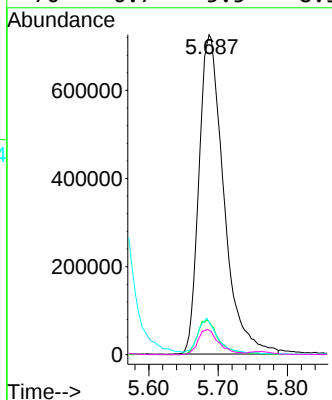
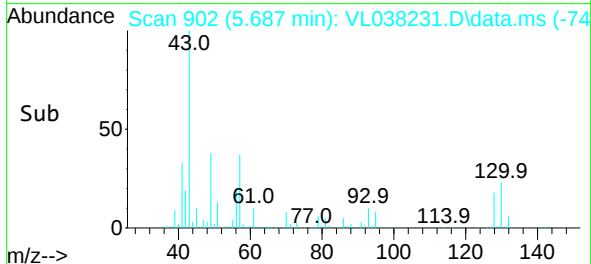
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



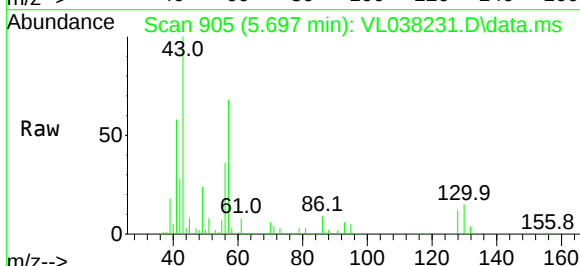
Tgt Ion: 43 Resp: 180117
Ion Ratio Lower Upper
43 100
45 9.6 7.9 11.9
61 9.7 8.1 12.1
70 6.7 5.5 8.3

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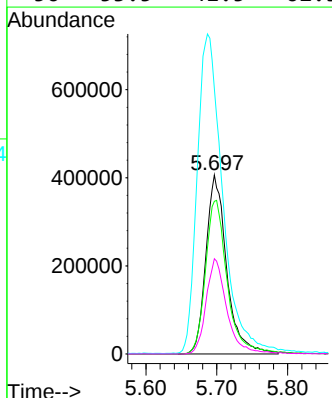
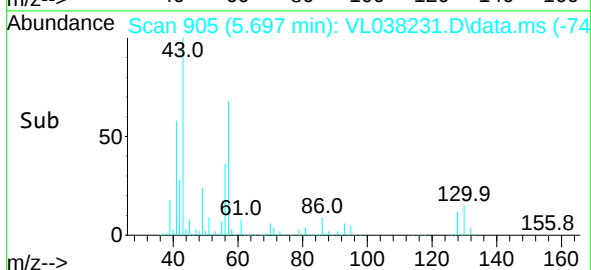
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

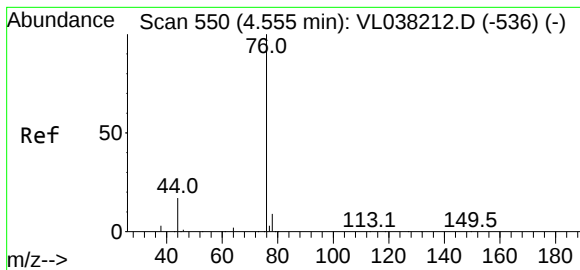


#26
Hexane
Concen: 8.199 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



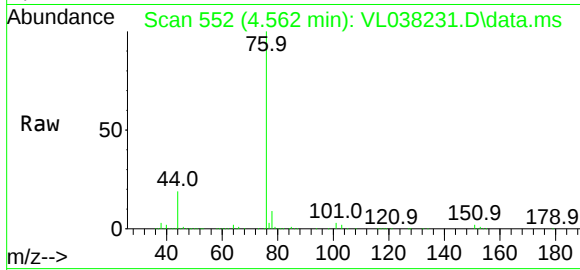
Tgt Ion: 57 Resp: 827658
Ion Ratio Lower Upper
57 100
41 90.8 69.0 103.6
43 220.6 171.2 256.8
56 53.5 41.5 62.3





#27
Carbon Disulfide
Concen: 11.027 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

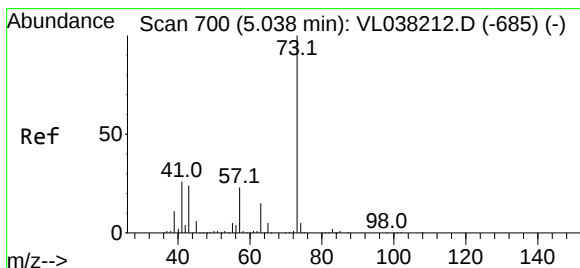
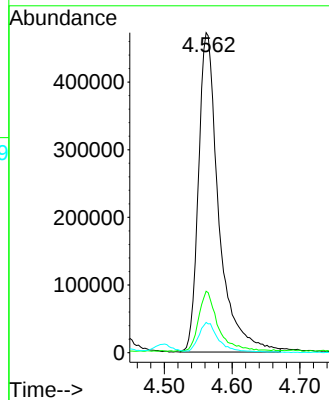
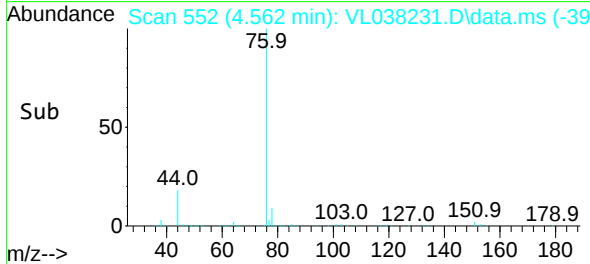
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 979830
Ion Ratio Lower Upper
76 100
44 17.8 14.2 21.4
78 9.8 7.7 11.5

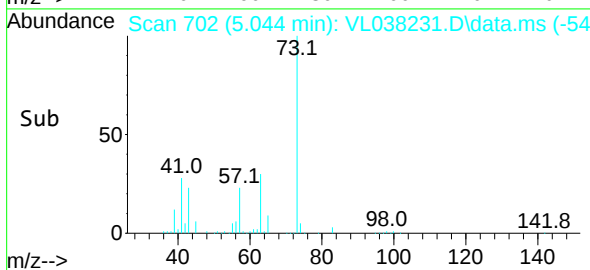
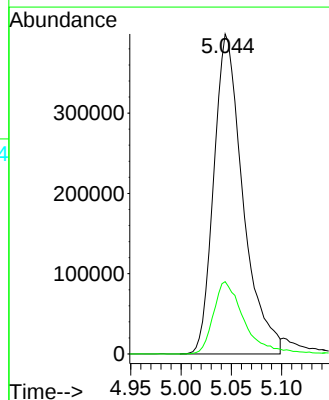
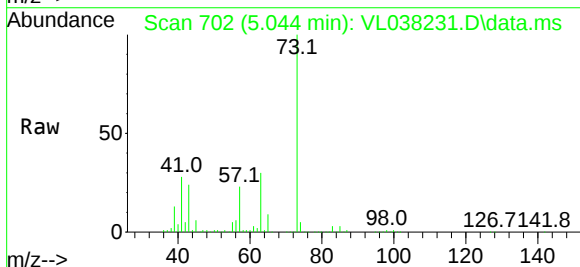
Manual Integrations
APPROVED

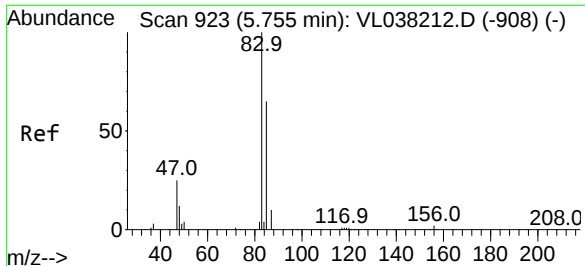
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#28
Methyl tert-Butyl Ether
Concen: 7.916 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 73 Resp: 802969
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2





#29

Chloroform

Concen: 9.009 ppbv

RT: 5.761 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1349400

Ion Ratio Lower Upper

83 100

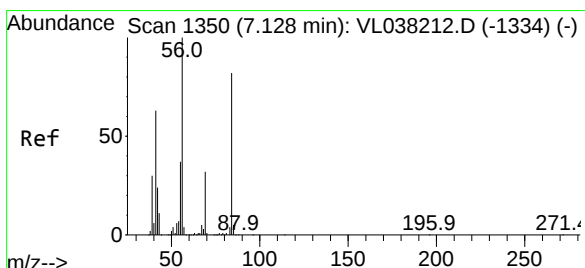
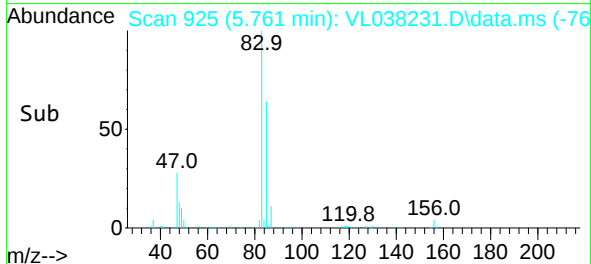
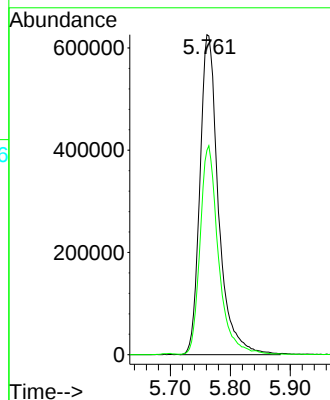
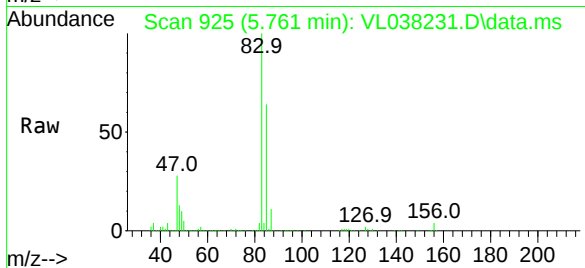
85 63.7 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#30

Cyclohexane

Concen: 7.885 ppbv

RT: 7.140 min Scan# 1354

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

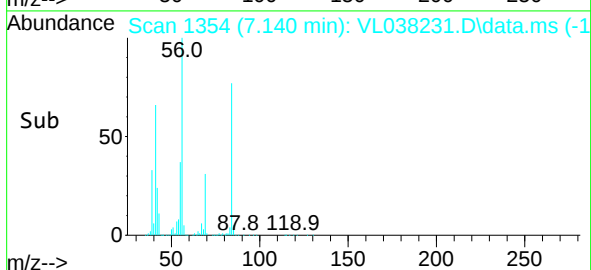
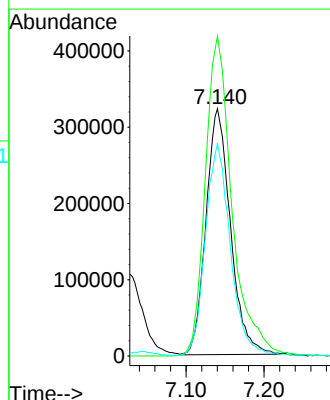
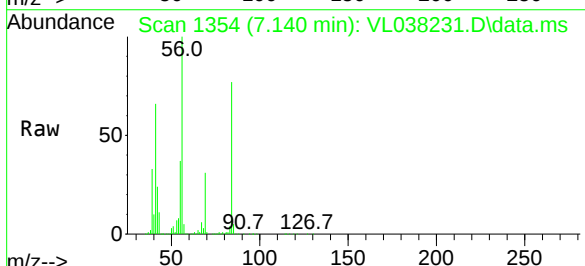
Tgt Ion: 84 Resp: 704964

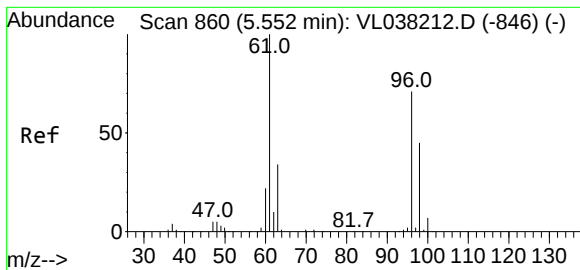
Ion Ratio Lower Upper

84 100

56 142.6 105.2 157.8

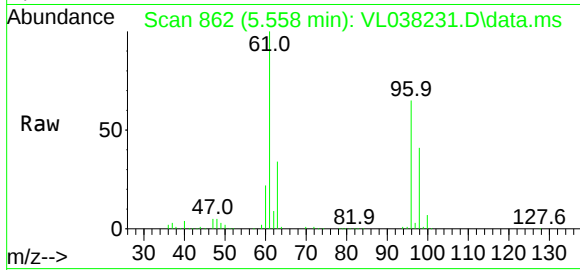
41 88.3 63.2 94.8





#31
cis-1,2-Dichloroethene
Concen: 10.686 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

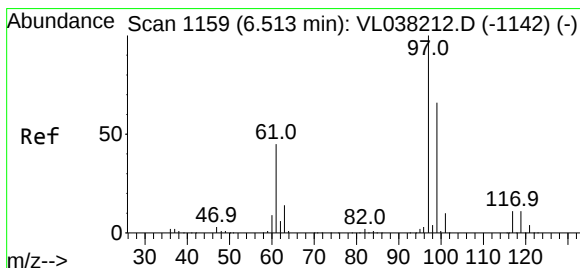
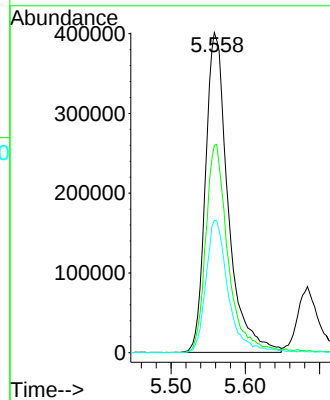
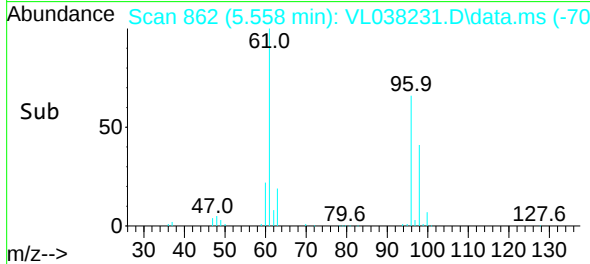
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 845910
Ion Ratio Lower Upper
61 100
96 64.8 56.6 84.8
98 41.4 36.3 54.5

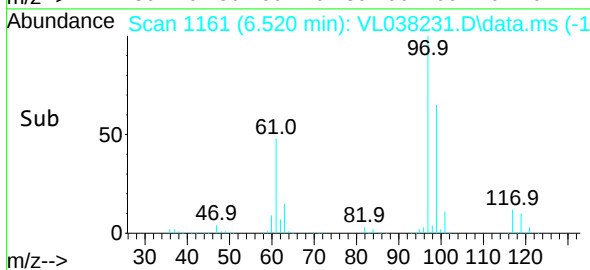
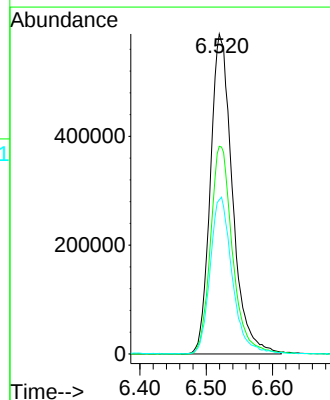
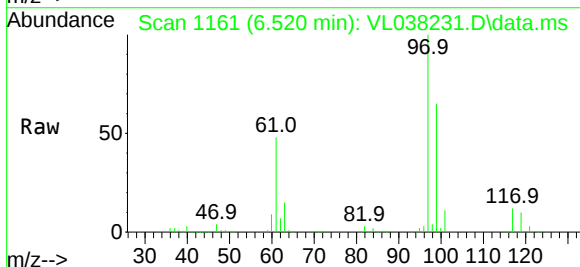
Manual Integrations
APPROVED

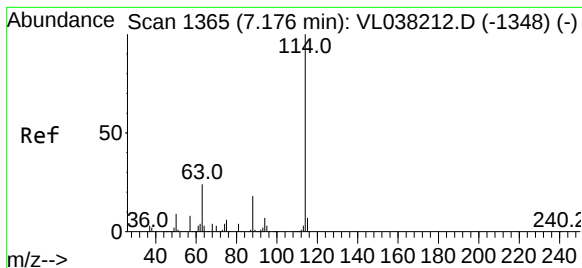
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#32
1,1,1-Trichloroethane
Concen: 9.146 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

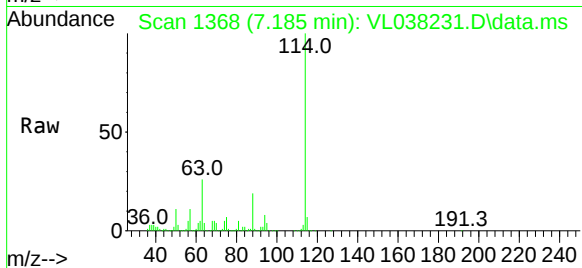
Tgt Ion: 97 Resp: 1359241
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 49.3 37.2 55.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

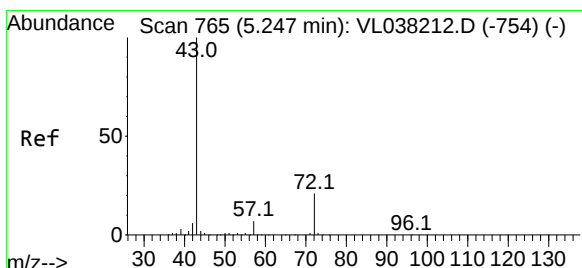
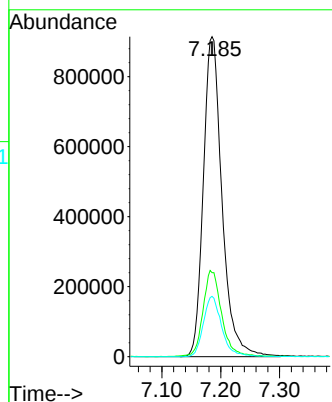
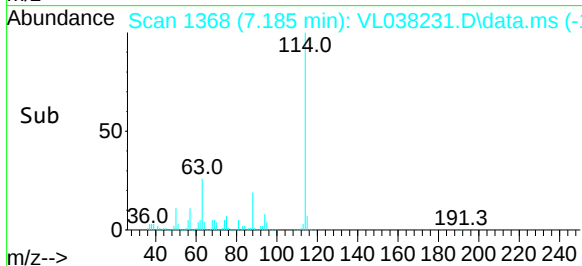
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



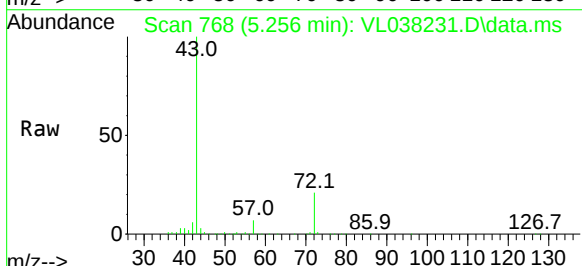
Tgt Ion: 114 Resp: 201474
Ion Ratio Lower Upper
114 100
63 27.1 19.7 29.5
88 18.6 14.3 21.5

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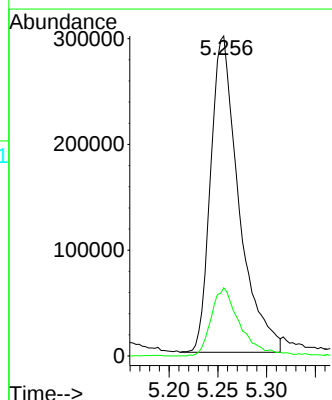
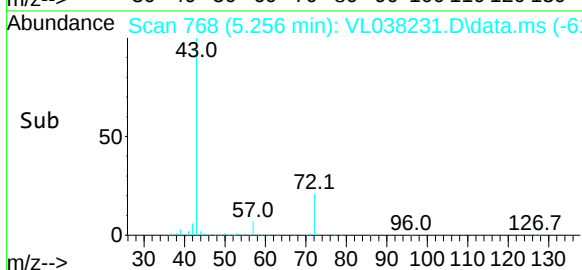
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

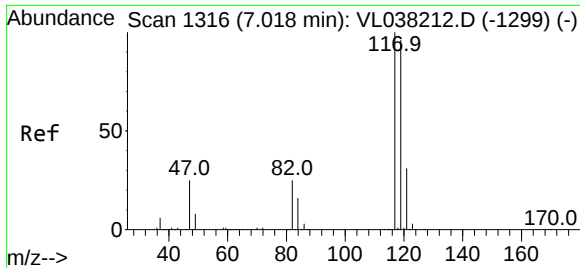


#34
2-Butanone
Concen: 9.941 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



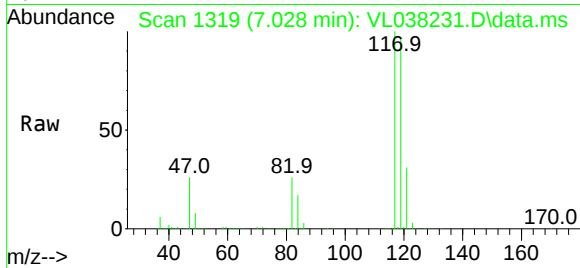
Tgt Ion: 43 Resp: 601984
Ion Ratio Lower Upper
43 100
72 23.1 18.3 27.5





#35
Carbon Tetrachloride
Concen: 11.373 ppbv
RT: 7.028 min Scan# 117
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

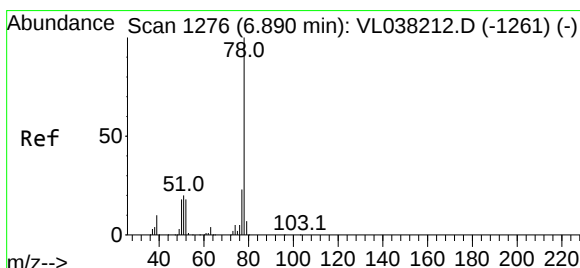
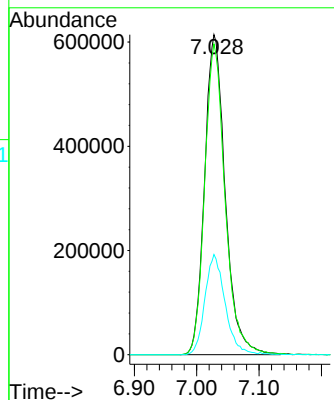
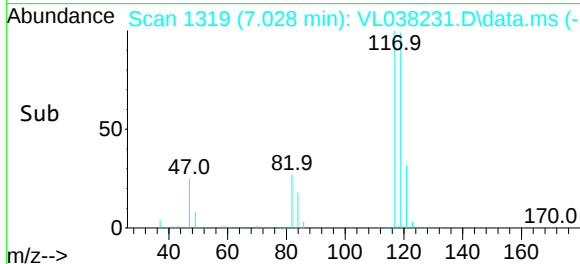
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1414430
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
121 31.3 25.0 37.4

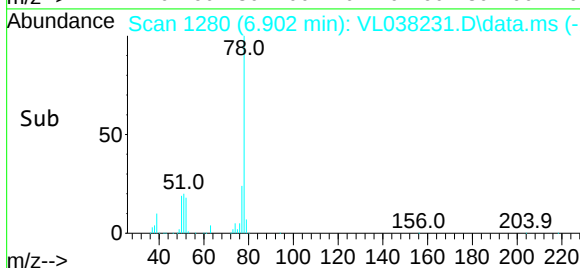
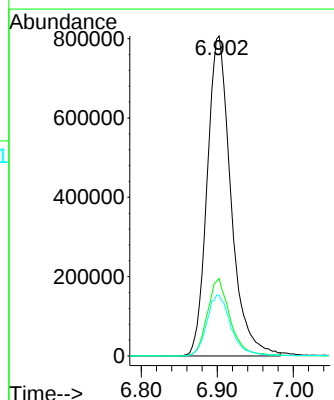
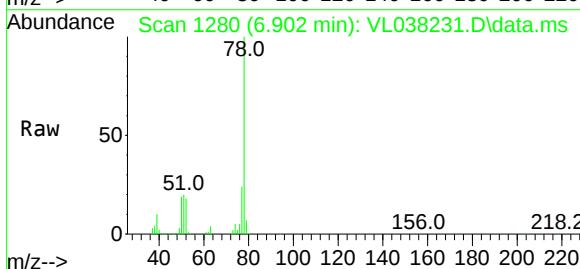
Manual Integrations
APPROVED

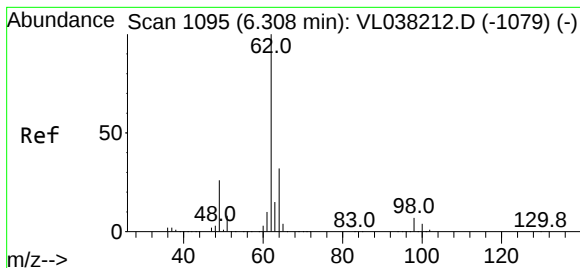
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#36
Benzene
Concen: 9.309 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

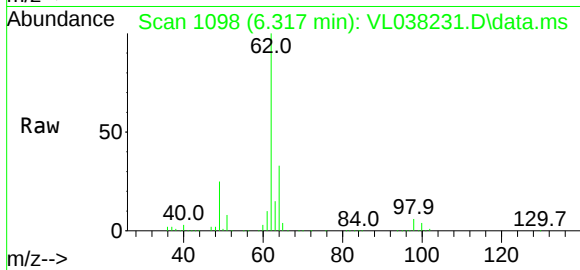
Tgt Ion: 78 Resp: 1749513
Ion Ratio Lower Upper
78 100
77 24.1 18.2 27.4
50 19.0 14.3 21.5





#37
1,2-Dichloroethane
Concen: 10.725 ppbv
RT: 6.317 min Scan# 1095
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

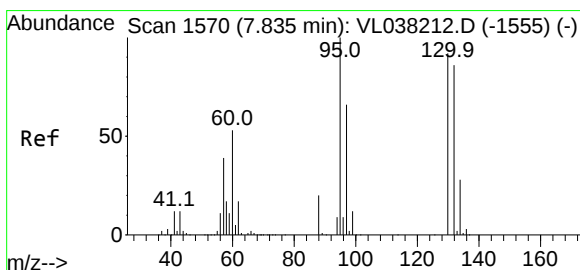
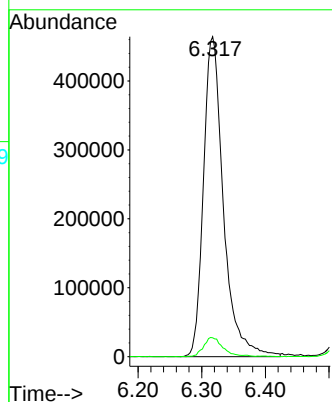
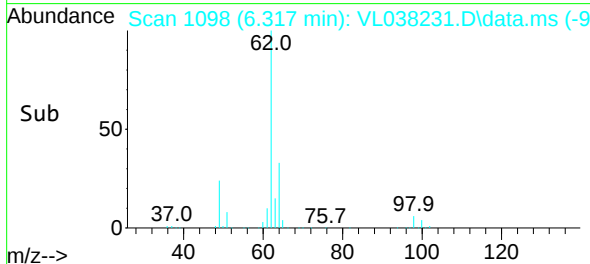
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 101137
Ion Ratio Lower Upper
62 100
98 6.0 5.5 8.3

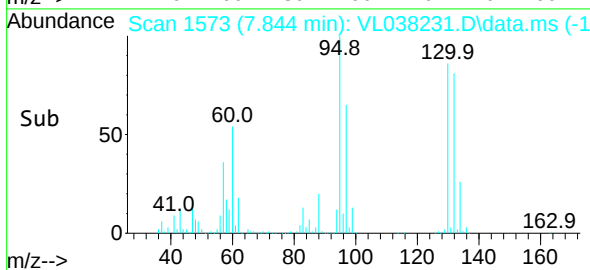
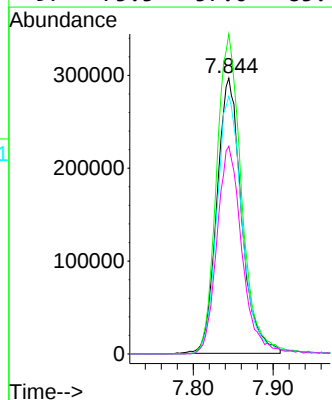
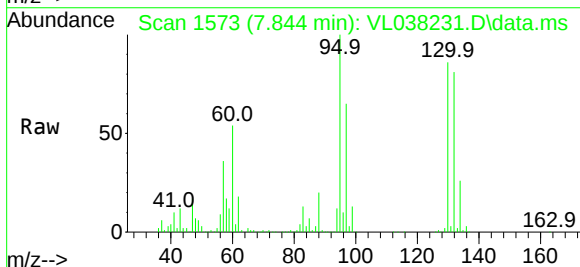
Manual Integrations
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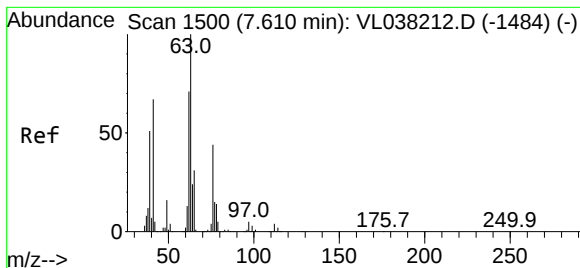
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#38
Trichloroethene
Concen: 8.857 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

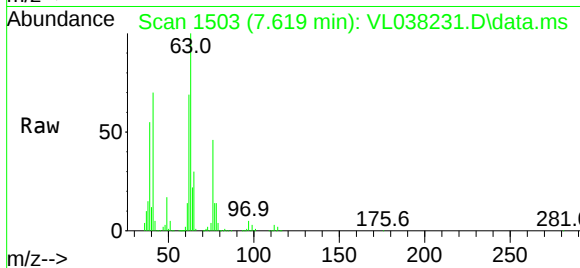
Tgt Ion:130 Resp: 633446
Ion Ratio Lower Upper
130 100
95 116.3 87.0 130.4
132 93.6 75.1 112.7
97 75.5 57.0 85.4





#39
1,2-Dichloropropane
Concen: 9.494 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

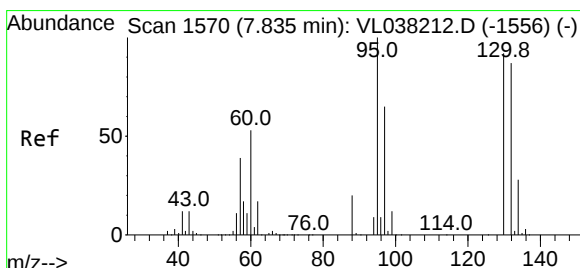
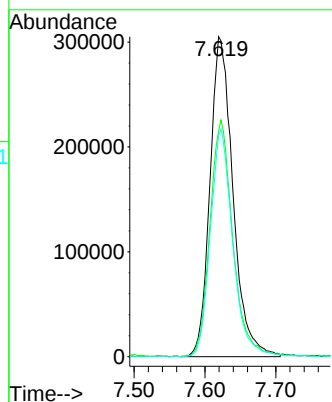
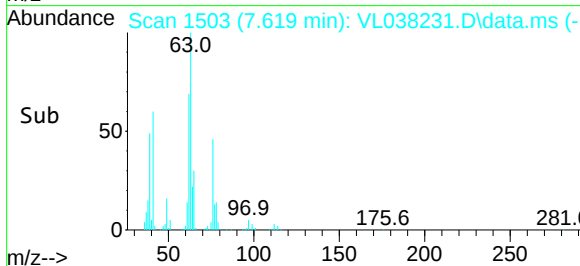
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 63 Resp: 68670
Ion Ratio Lower Upper
63 100
41 70.4 53.4 80.2
62 69.0 56.5 84.7

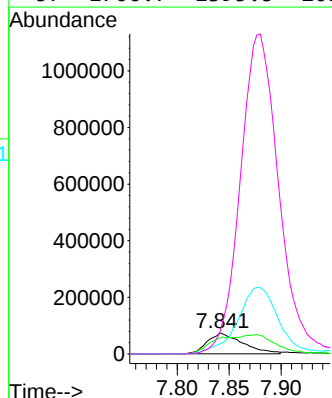
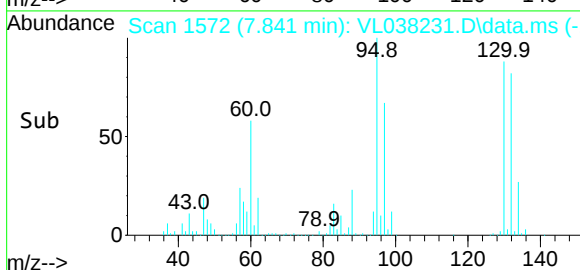
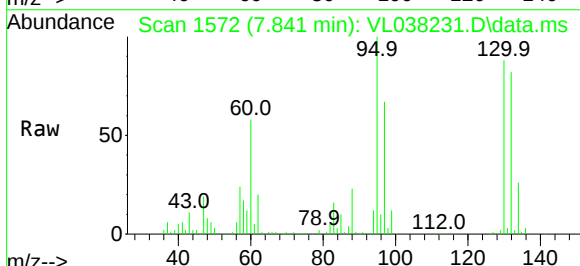
Manual Integrations
APPROVED

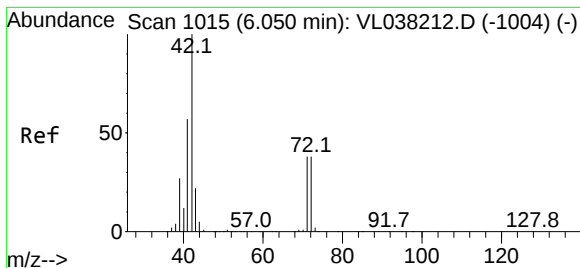
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#40
1,4-Dioxane
Concen: 8.153 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

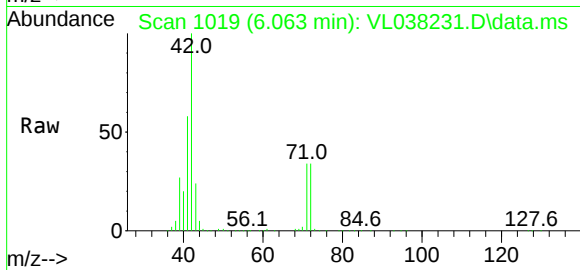
Tgt Ion: 88 Resp: 171545
Ion Ratio Lower Upper
88 100
58 160.5 127.8 191.8
43 388.5 301.0 451.6
57 1706.7 1395.5 2093.3





#41
Tetrahydrofuran
Concen: 10.033 ppbv
RT: 6.063 min Scan# 1015
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

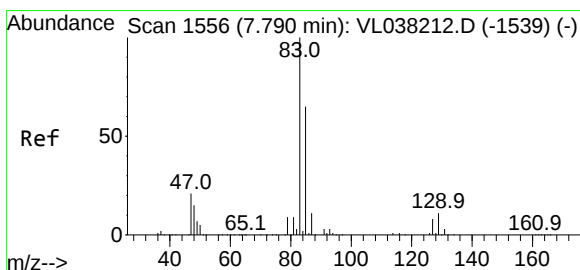
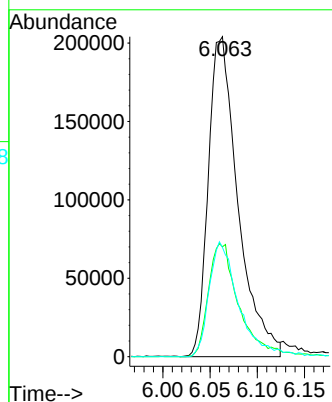
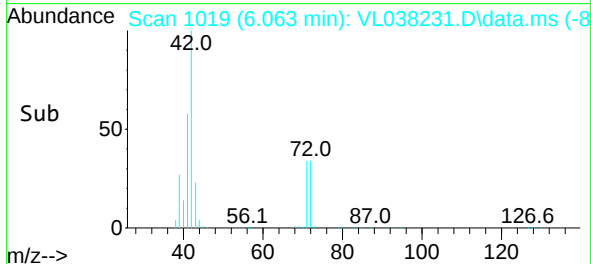
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 445032
Ion Ratio Lower Upper
42 100
72 37.2 31.4 47.0
71 36.4 30.0 45.0

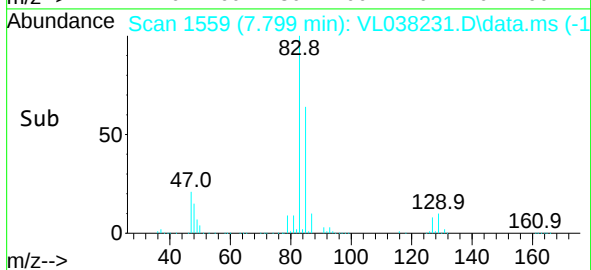
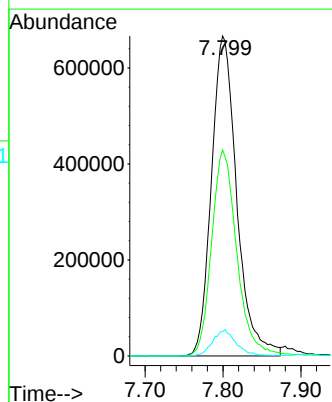
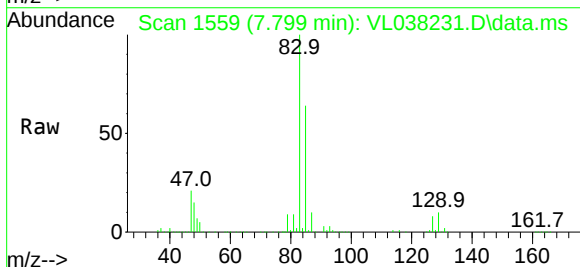
Manual Integrations
APPROVED

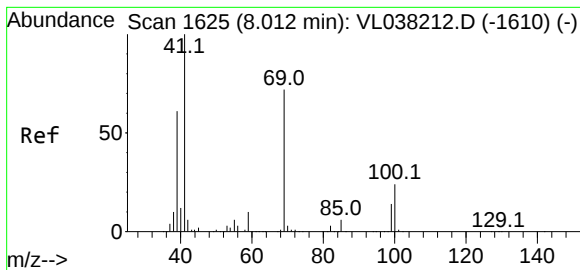
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#42
Bromodichloromethane
Concen: 11.226 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 83 Resp: 1506182
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0
127 7.6 6.1 9.1





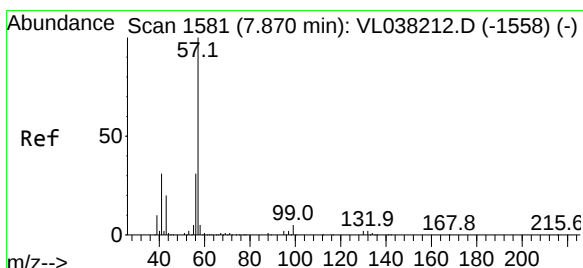
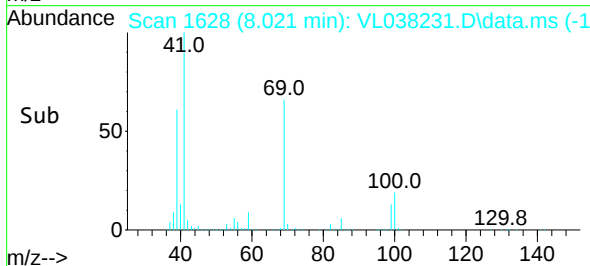
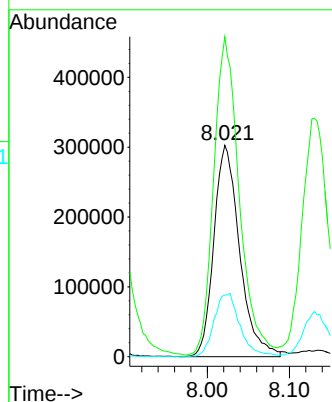
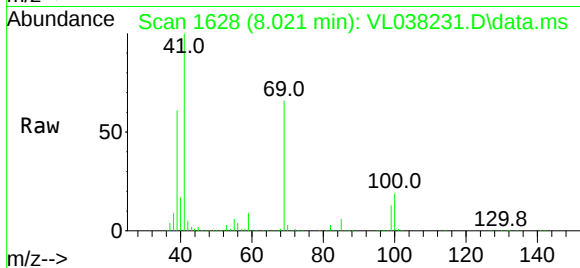
#43
Methyl Methacrylate
Concen: 10.200 ppbv
RT: 8.021 min Scan# 1625
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 659650
Ion Ratio Lower Upper
69 100
41 150.1 116.0 174.0
100 29.9 26.6 39.8

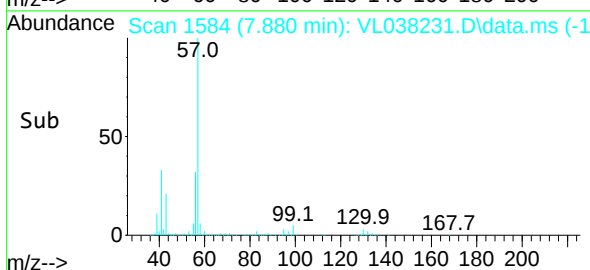
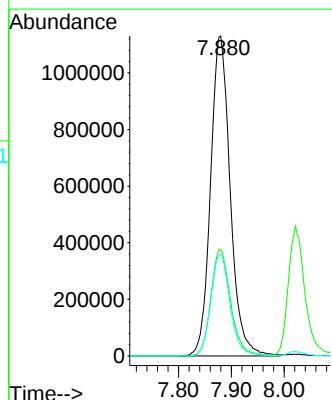
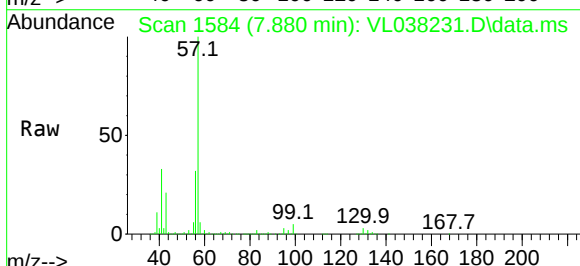
Manual Integrations
APPROVED

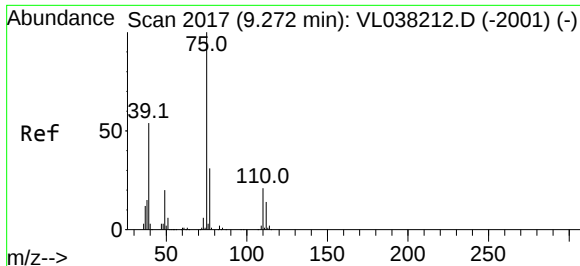
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#44
2,2,4-Trimethylpentane
Concen: 9.171 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

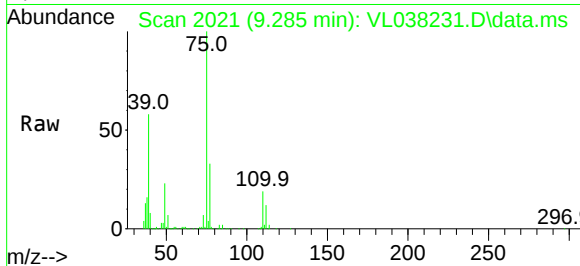
Tgt Ion: 57 Resp: 2927682
Ion Ratio Lower Upper
57 100
41 33.3 24.9 37.3
56 31.1 24.8 37.2





#45
 t-1,3-Dichloropropene
 Concen: 12.809 ppbv
 RT: 9.285 min Scan# 2017
 Delta R.T. 0.013 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

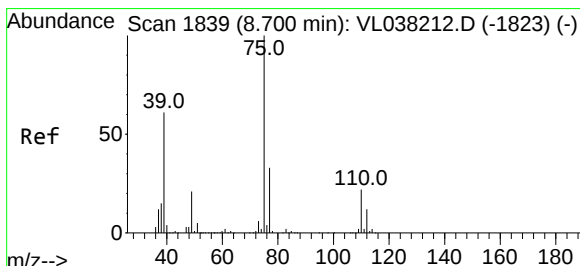
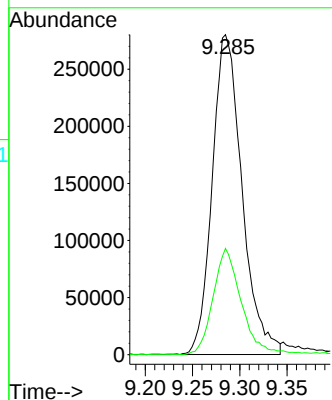
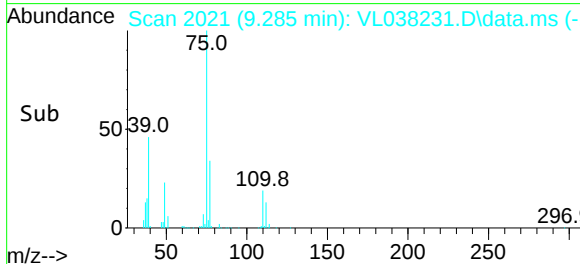
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 61307
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.7 37.1

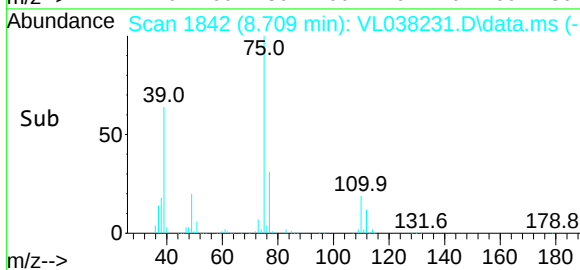
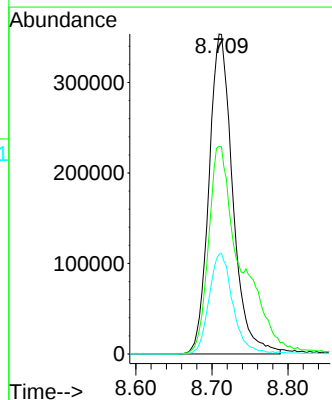
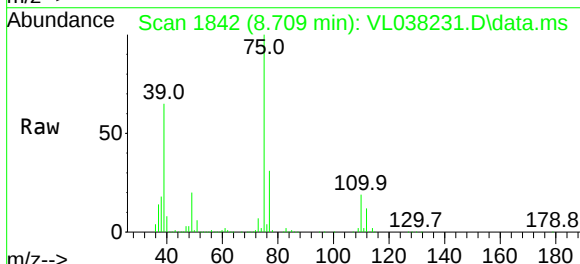
Manual Integrations
 APPROVED

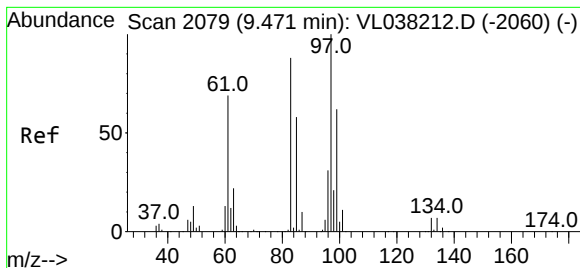
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#46
 cis-1,3-Dichloropropene
 Concen: 11.577 ppbv
 RT: 8.709 min Scan# 1842
 Delta R.T. 0.009 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

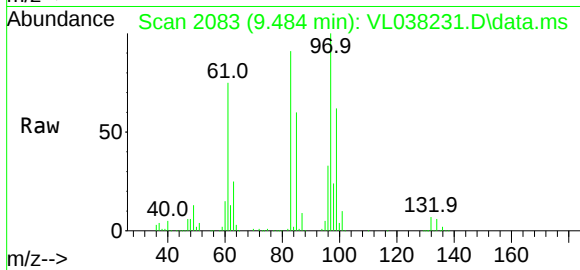
Tgt Ion: 75 Resp: 767026
 Ion Ratio Lower Upper
 75 100
 39 64.9 48.9 73.3
 77 31.1 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.074 ppbv
RT: 9.484 min Scan# 2079
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

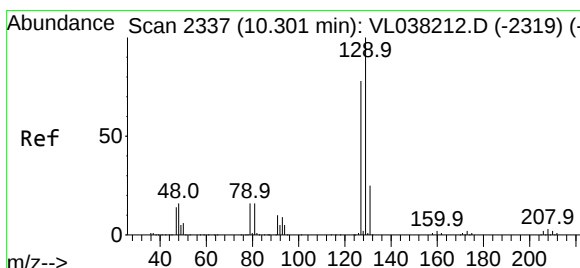
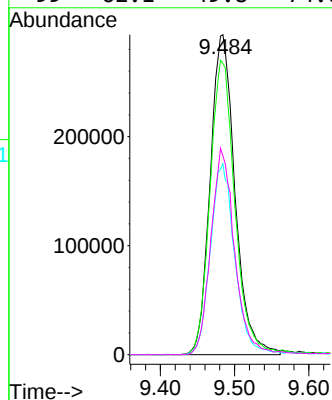
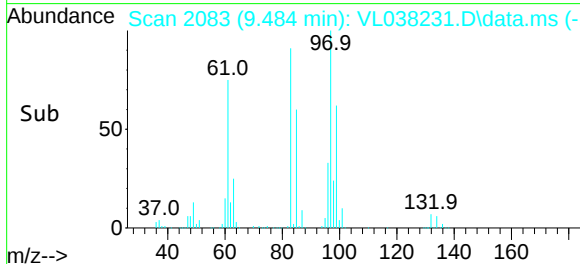
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 681150
Ion Ratio Lower Upper
97 100
83 91.0 70.2 105.2
85 59.6 46.1 69.1
99 62.1 49.8 74.6

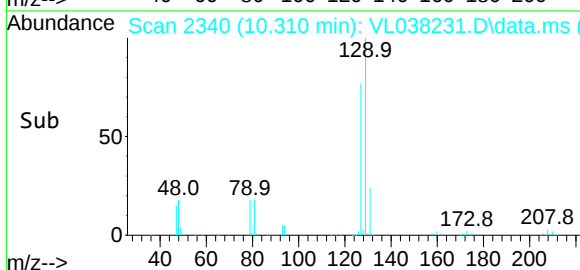
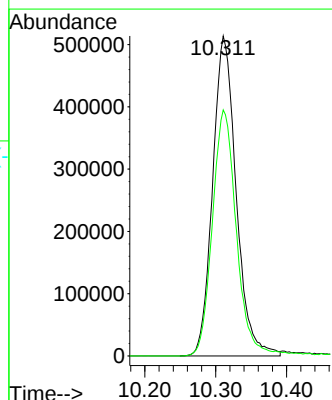
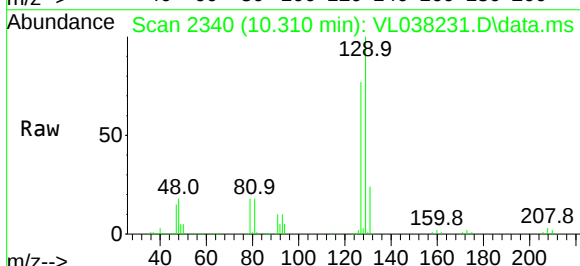
Manual Integrations
APPROVED

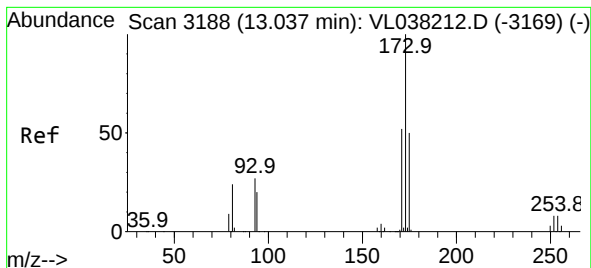
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#48
Dibromochloromethane
Concen: 11.224 ppbv
RT: 10.310 min Scan# 2340
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion:129 Resp: 1184817
Ion Ratio Lower Upper
129 100
127 79.6 40.2 120.6





#49

Bromoform

Concen: 11.411 ppbv

RT: 13.047 min Scan# 3188

Delta R.T. 0.009 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

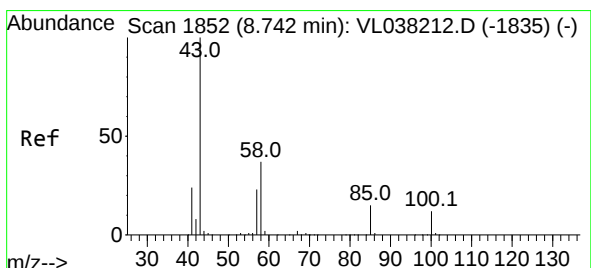
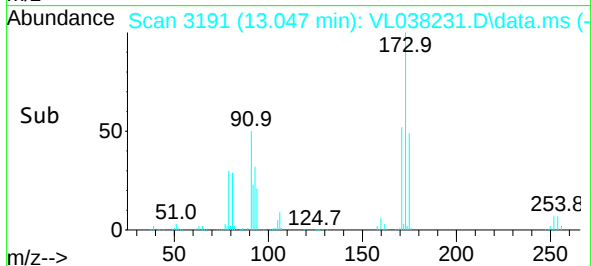
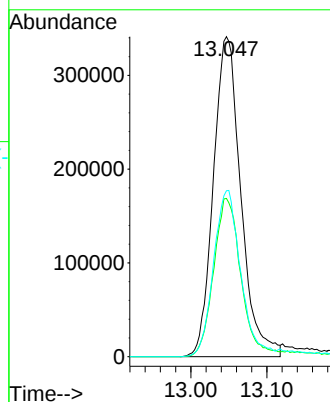
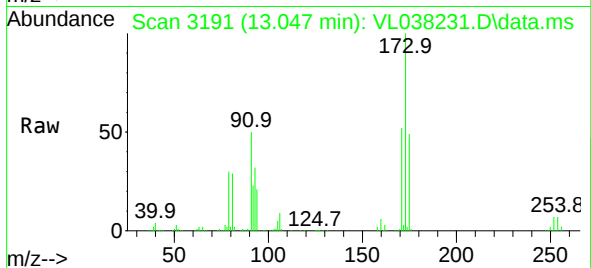
Tgt Ion:173 Resp: 855830
 Ion Ratio Lower Upper
 173 100
 175 52.4 40.9 61.3
 171 55.2 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#50

4-Methyl-2-Pentanone

Concen: 10.978 ppbv

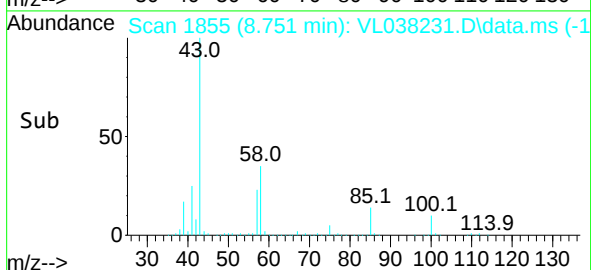
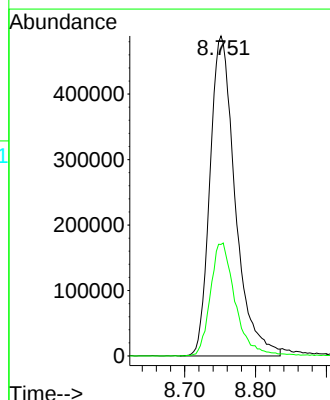
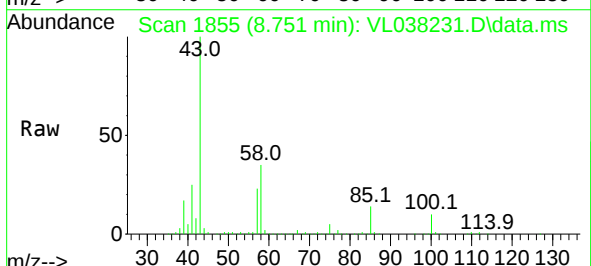
RT: 8.751 min Scan# 1855

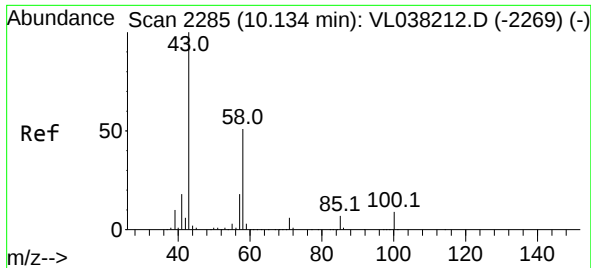
Delta R.T. 0.009 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

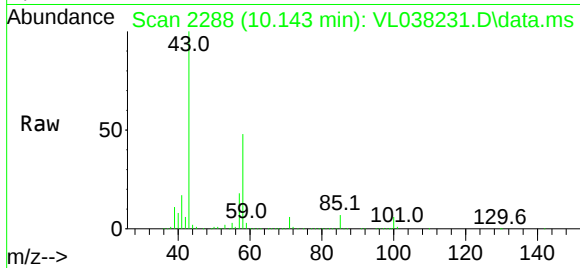
Tgt Ion: 43 Resp: 1208697
 Ion Ratio Lower Upper
 43 100
 58 35.3 29.4 44.2





#51
2-Hexanone
Concen: 10.734 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

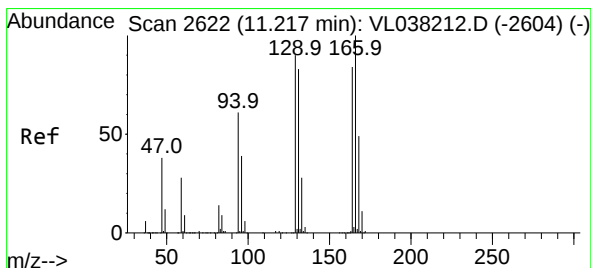
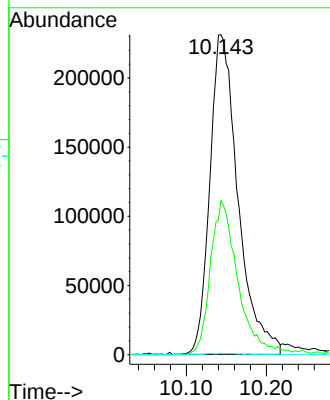
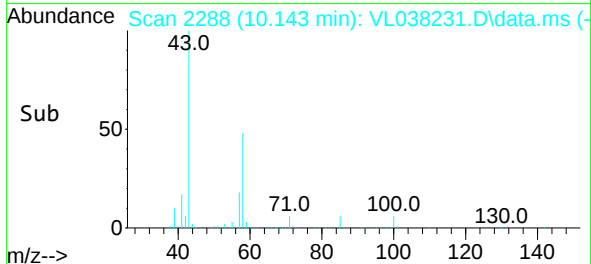
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



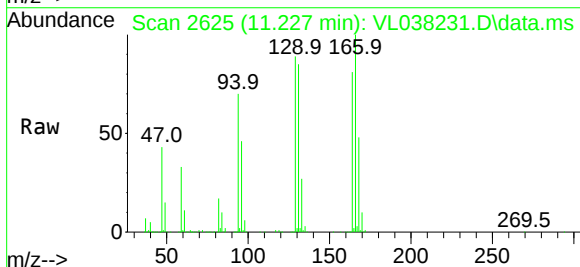
Tgt Ion: 43 Resp: 56564
Ion Ratio Lower Upper
43 100
58 48.7 40.8 61.2
98 0.5 0.0 0.0

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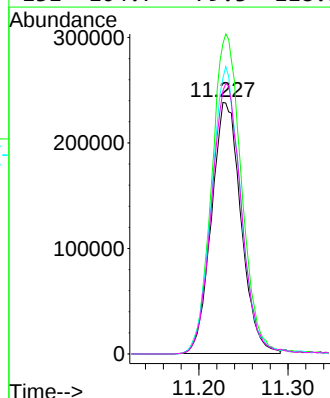
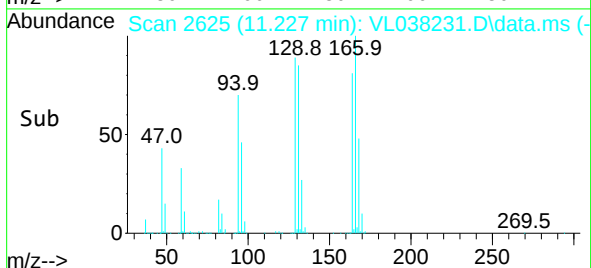
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

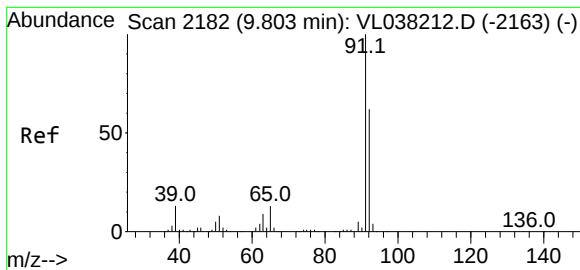


#52
Tetrachloroethene
Concen: 7.865 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



Tgt Ion:164 Resp: 545611
Ion Ratio Lower Upper
164 100
166 123.4 95.6 143.4
129 109.7 85.8 128.8
131 104.7 79.3 118.9





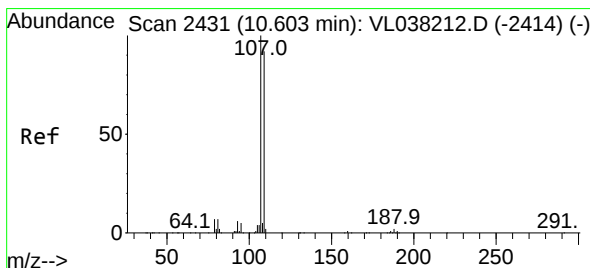
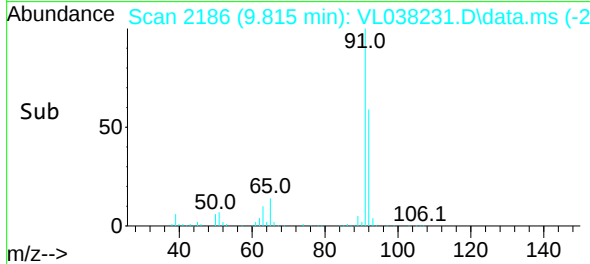
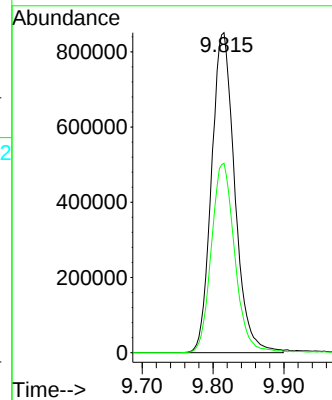
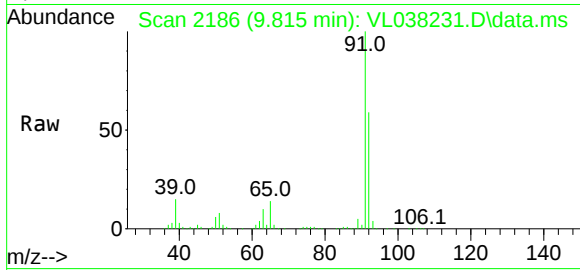
#53
Toluene
Concen: 8.932 ppbv
RT: 9.815 min Scan# 2182
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 193675
Ion Ratio Lower Upper
91 100
92 60.2 48.9 73.3

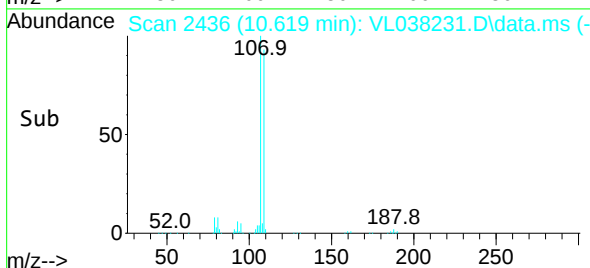
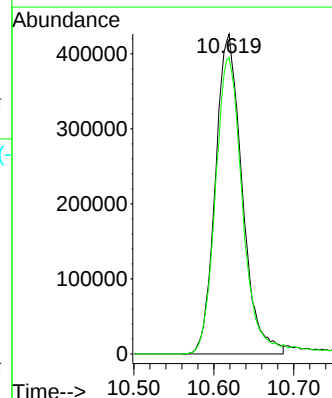
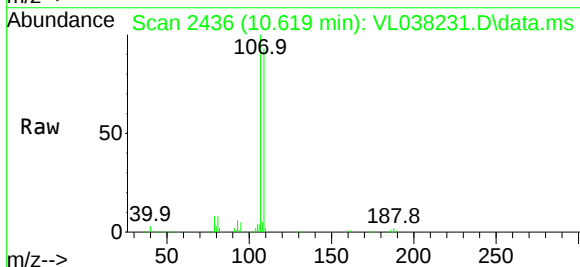
Manual Integrations
APPROVED

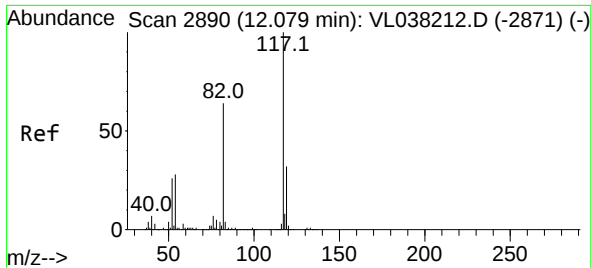
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#54
1,2-Dibromoethane
Concen: 9.285 ppbv
RT: 10.619 min Scan# 2436
Delta R.T. 0.016 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

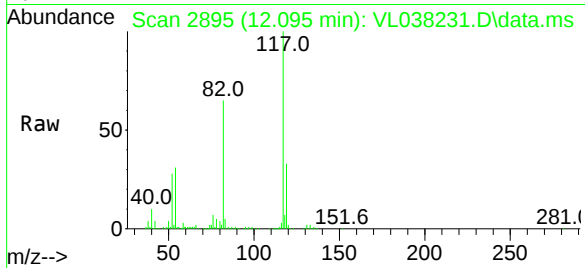
Tgt Ion:107 Resp: 988789
Ion Ratio Lower Upper
107 100
109 92.7 73.3 109.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.095 min Scan# 2895
Delta R.T. 0.016 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

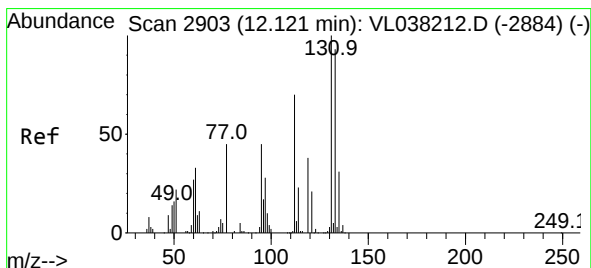
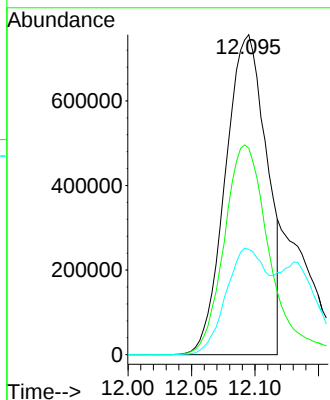
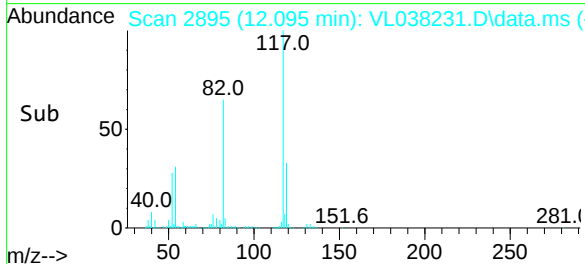
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



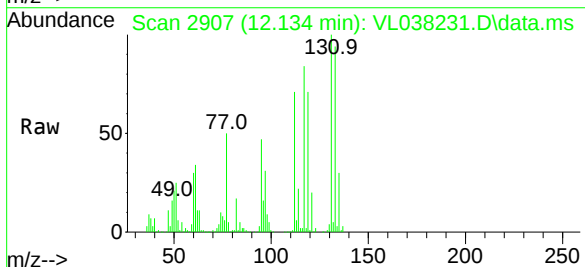
Tgt Ion:117 Resp: 1703889
Ion Ratio Lower Upper
117 100
82 75.8 53.3 79.9
119 64.1 25.5 38.3

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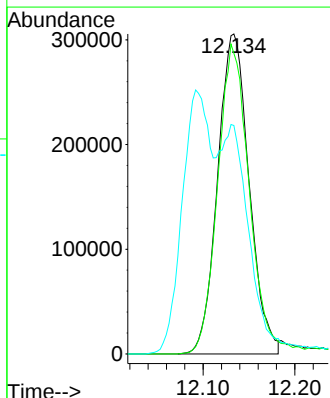
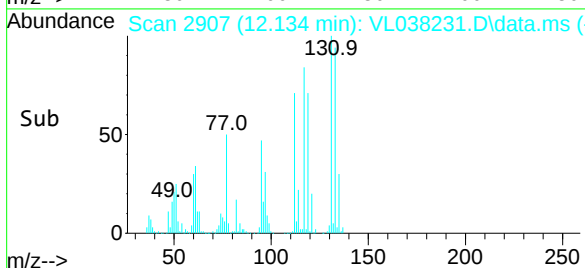
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

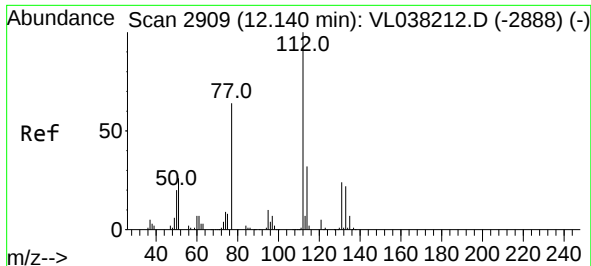


#56
1,1,1,2-Tetrachloroethane
Concen: 10.272 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



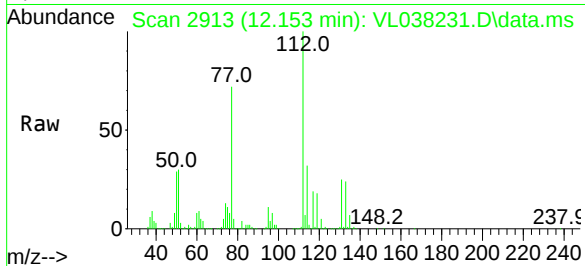
Tgt Ion:131 Resp: 727982
Ion Ratio Lower Upper
131 100
133 99.5 77.6 116.4
119 149.3 124.8 187.2





#57
Chlorobenzene
Concen: 8.746 ppbv
RT: 12.153 min Scan# 2909
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

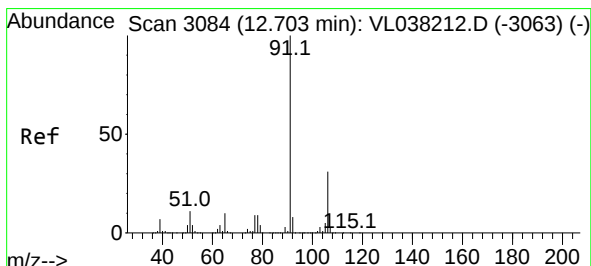
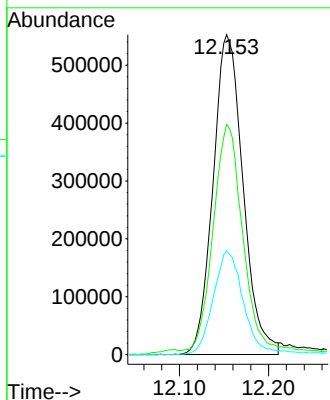
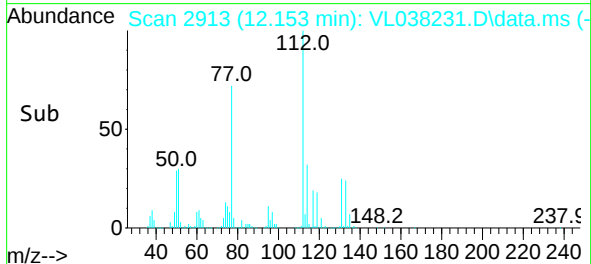
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



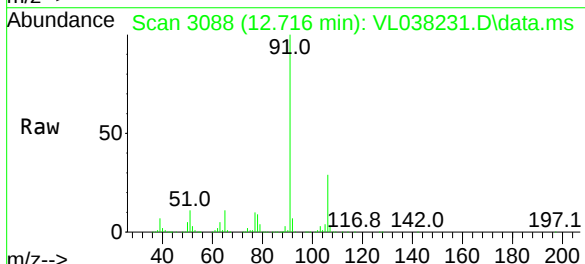
Tgt Ion: 112 Resp: 129246
Ion Ratio Lower Upper
112 100
77 70.6 50.9 76.3
114 32.4 28.4 34.7

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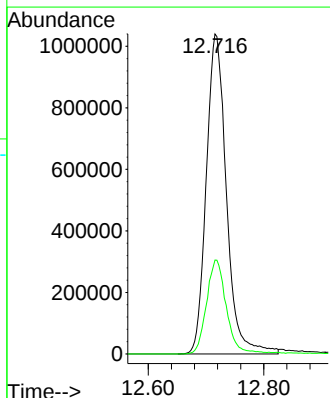
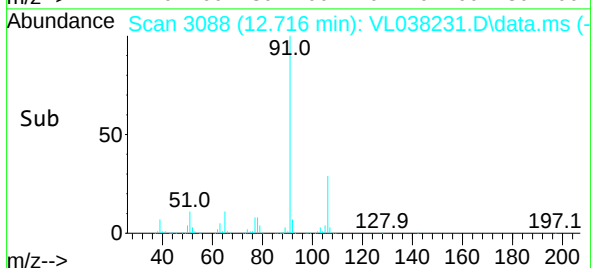
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

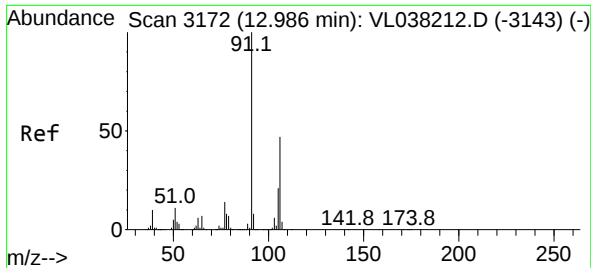


#58
Ethyl Benzene
Concen: 9.518 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



Tgt Ion: 91 Resp: 2516658
Ion Ratio Lower Upper
91 100
106 29.4 25.0 37.4





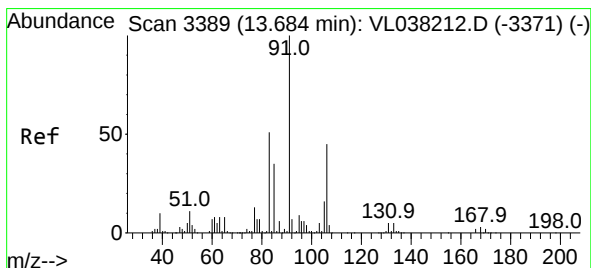
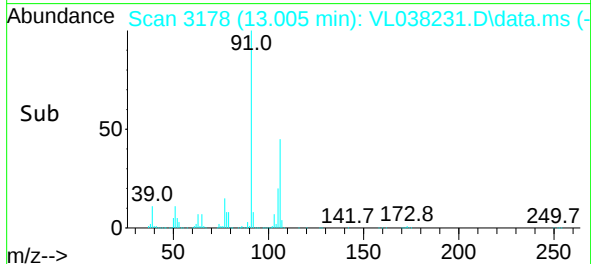
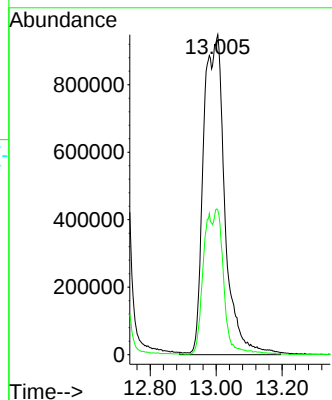
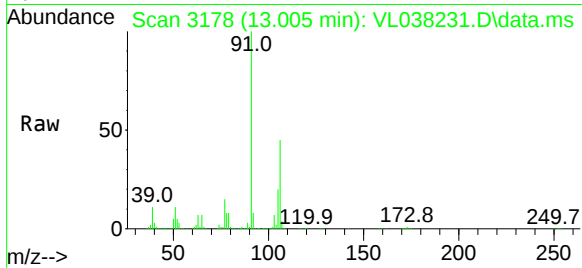
#59
m/p-Xylene
Concen: 18.831 ppbv m
RT: 13.005 min Scan# 3172
Delta R.T. 0.019 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 425667
Ion Ratio Lower Upper
91 100
106 42.5 36.9 55.3

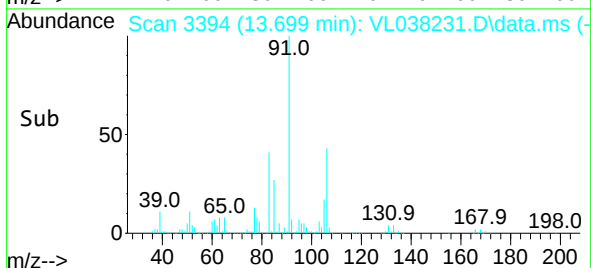
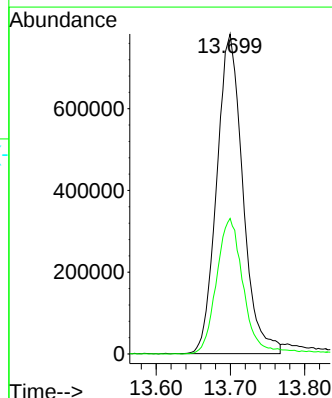
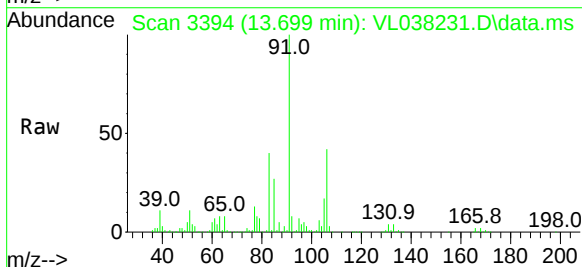
Manual Integrations
APPROVED

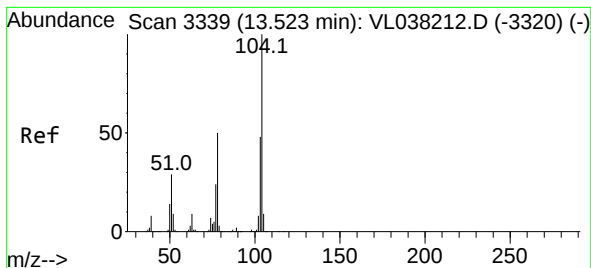
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#60
o-Xylene
Concen: 9.111 ppbv
RT: 13.699 min Scan# 3394
Delta R.T. 0.016 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

Tgt Ion: 91 Resp: 1909429
Ion Ratio Lower Upper
91 100
106 44.8 23.5 70.5





#61

Styrene

Concen: 9.085 ppbv

RT: 13.535 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL038231.D

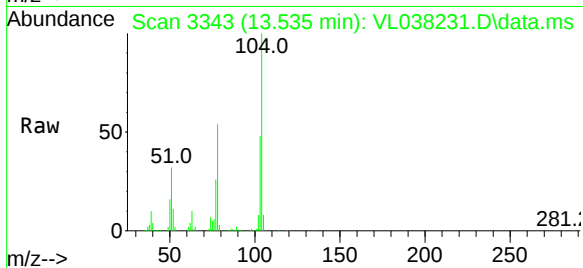
Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 964430

Ion Ratio Lower Upper

104 100

78 58.0 41.0 61.6

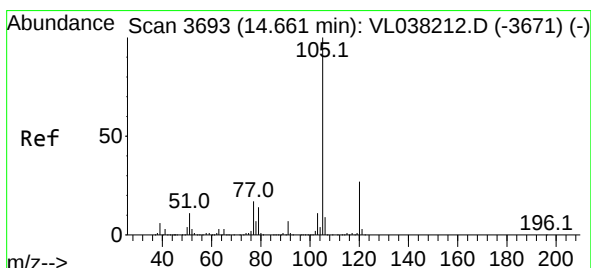
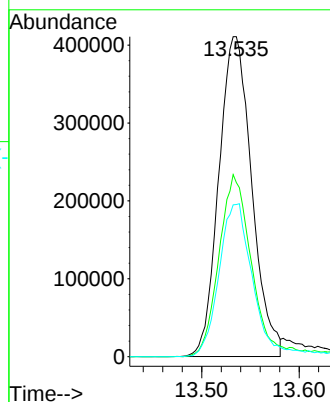
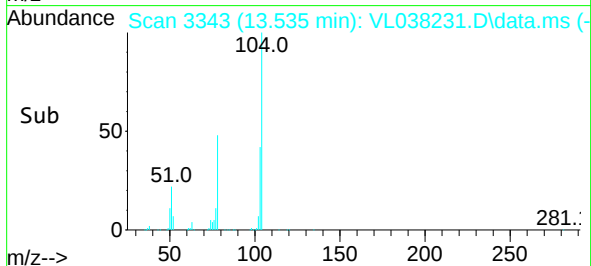
103 49.8 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#62

Isopropylbenzene

Concen: 8.548 ppbv

RT: 14.670 min Scan# 3696

Delta R.T. 0.009 min

Lab File: VL038231.D

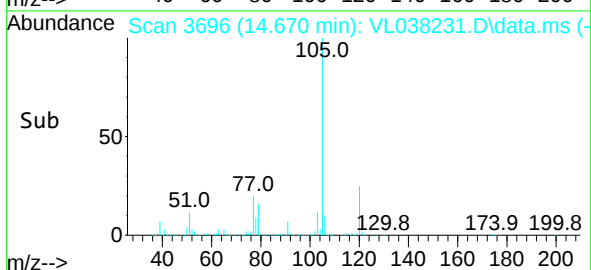
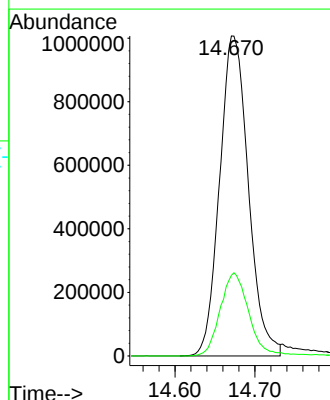
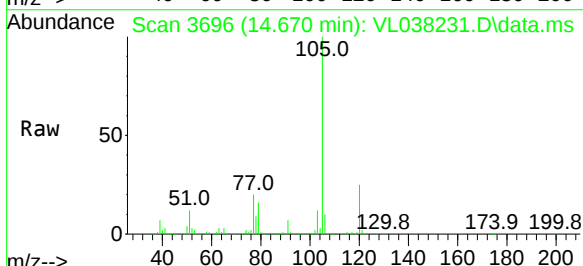
Acq: 29 Dec 2021 13:34

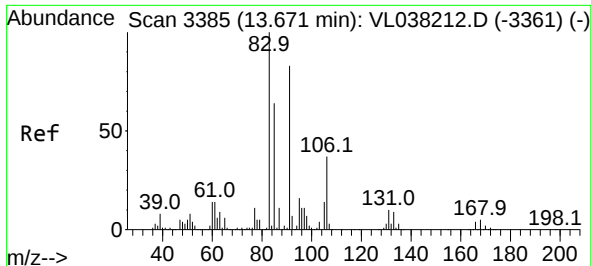
Tgt Ion:105 Resp: 2515163

Ion Ratio Lower Upper

105 100

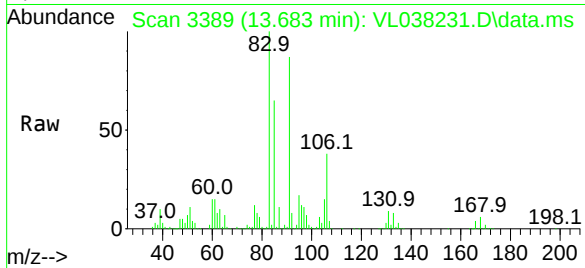
120 26.2 21.0 31.6





#63
1,1,2,2-Tetrachloroethane
Concen: 8.298 ppbv
RT: 13.683 min Scan# 3385
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

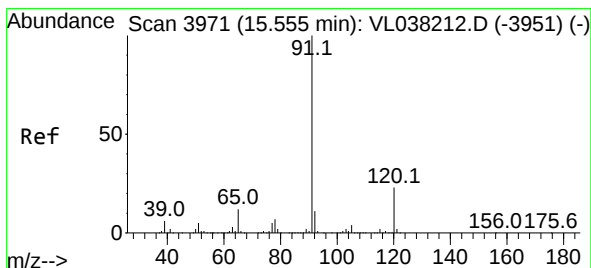
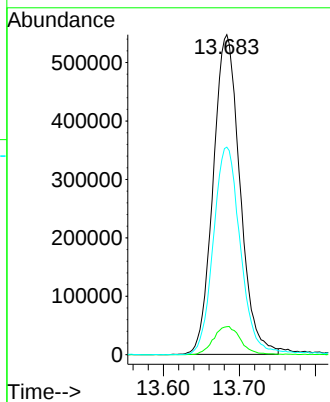
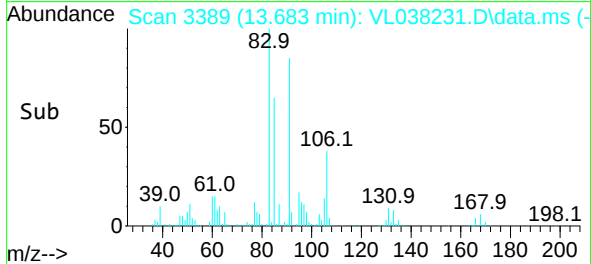
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1337338
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.1
85 66.6 32.9 98.6

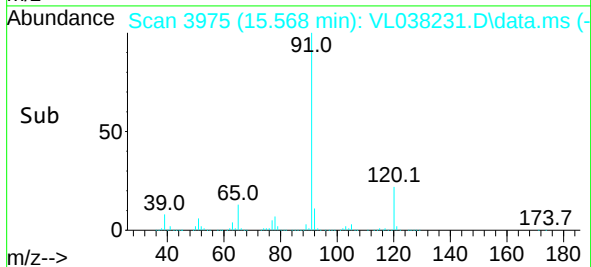
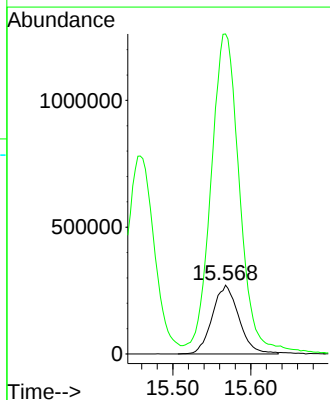
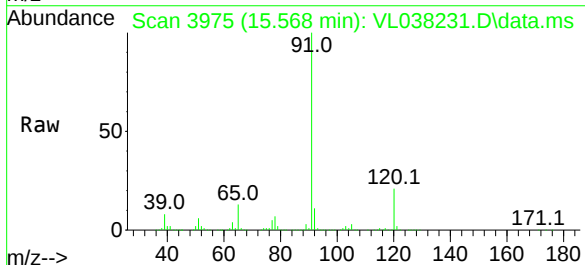
Manual Integrations
APPROVED

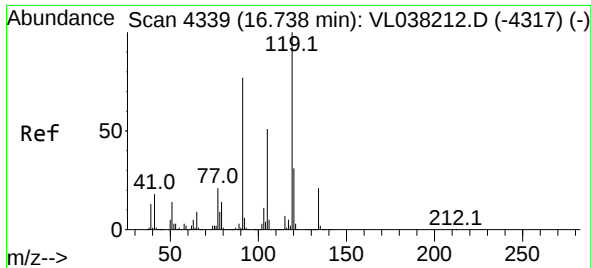
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#64
n-propylbenzene
Concen: 8.746 ppbv
RT: 15.568 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

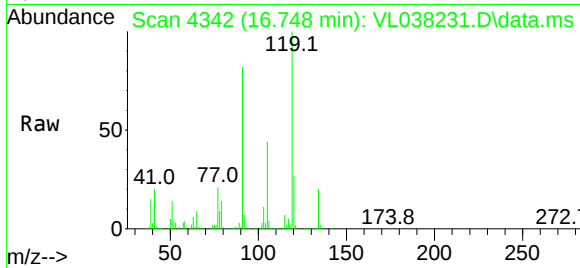
Tgt Ion:120 Resp: 639835
Ion Ratio Lower Upper
120 100
91 506.5 381.5 572.3





#65
tert-Butylbenzene
Concen: 8.429 ppbv
RT: 16.748 min Scan# 4119
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

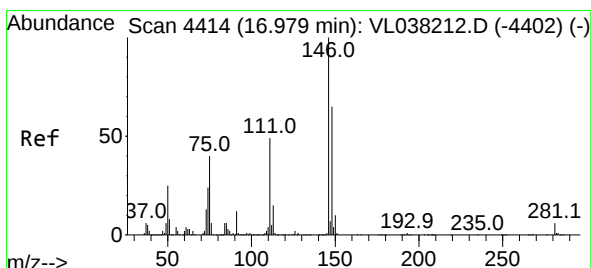
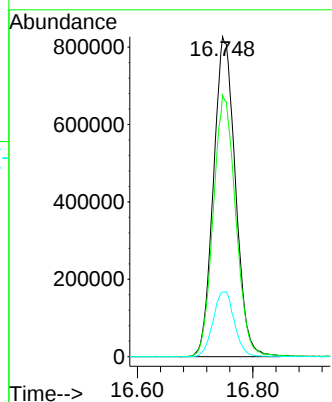
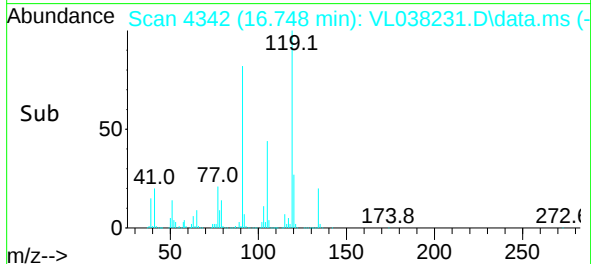
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



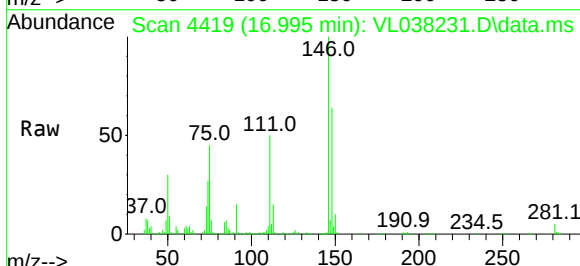
Tgt Ion: 119 Resp: 2183189
Ion Ratio Lower Upper
119 100
91 83.6 63.0 94.4
134 19.7 15.8 23.6

Manual Integrations
APPROVED

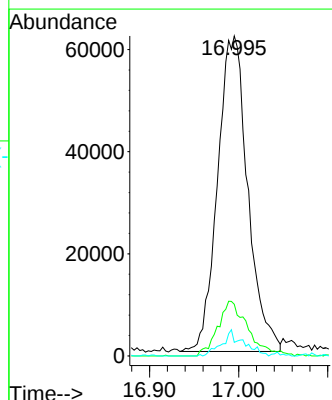
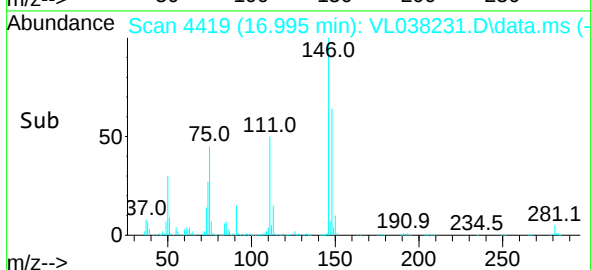
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

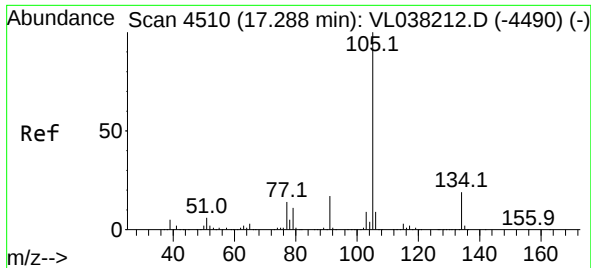


#66
Benzyl Chloride
Concen: 15.054 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.016 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



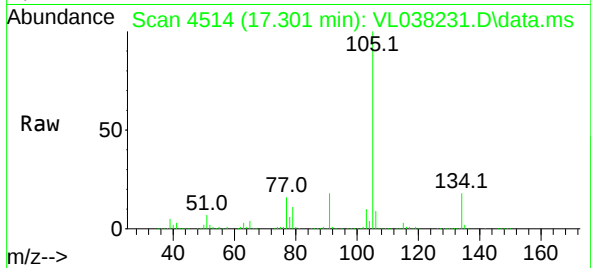
Tgt Ion: 91 Resp: 145315
Ion Ratio Lower Upper
91 100
126 17.6 16.0 24.0
128 6.5 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 8.566 ppbv
 RT: 17.301 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

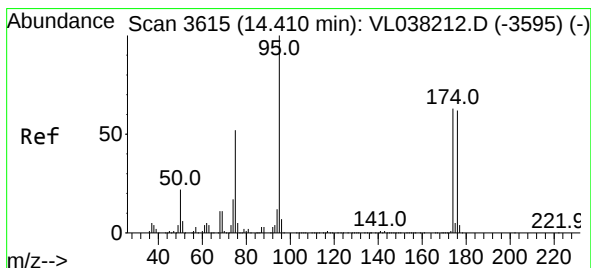
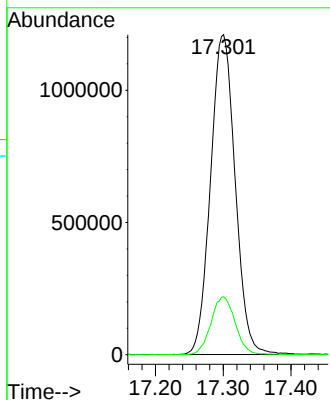
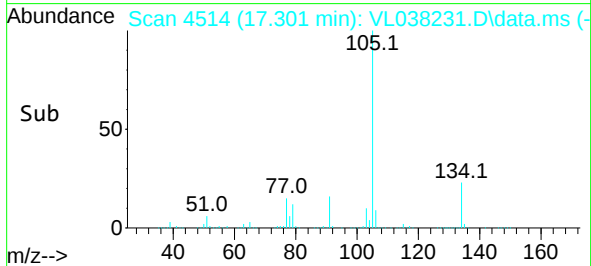
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



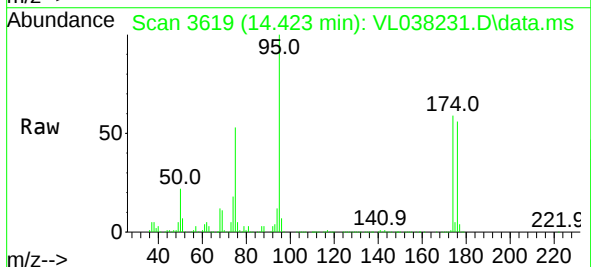
Tgt Ion:105 Resp: 3048609
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.6 22.0

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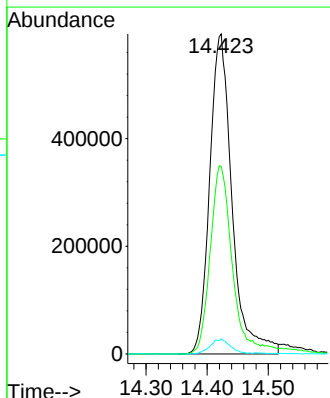
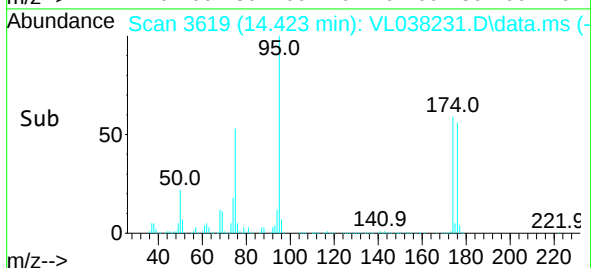
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

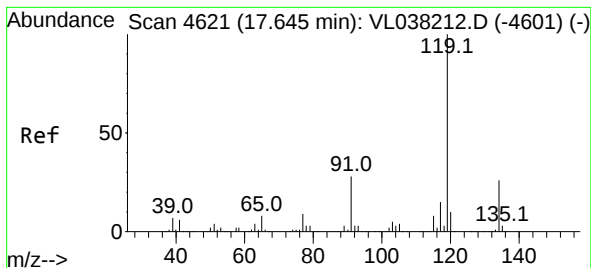


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.463 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.013 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34



Tgt Ion: 95 Resp: 1505130
 Ion Ratio Lower Upper
 95 100
 174 60.5 54.6 81.8
 175 4.6 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.474 ppbv

RT: 17.657 min Scan# 4625

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 242537

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

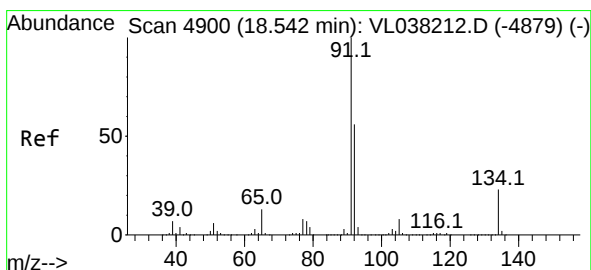
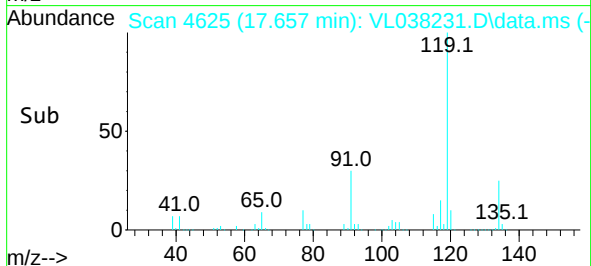
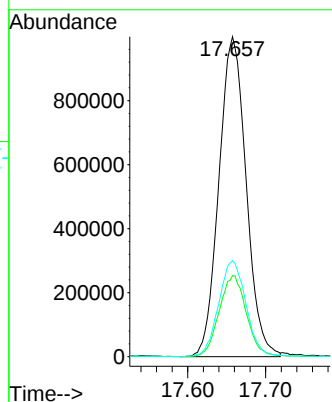
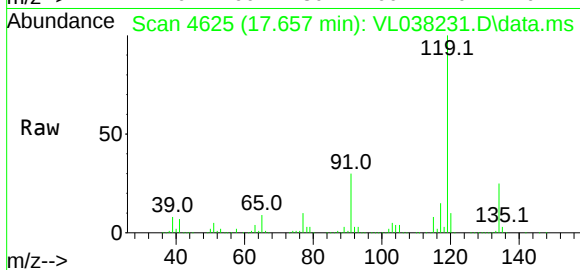
91 30.4 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#70

n-Butylbenzene

Concen: 9.110 ppbv

RT: 18.555 min Scan# 4904

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

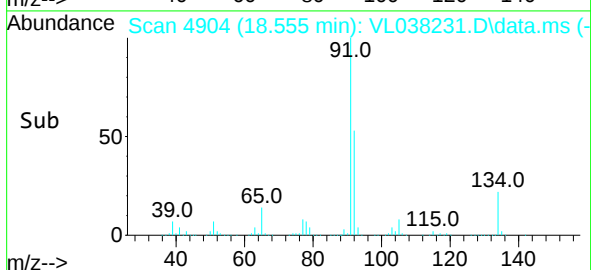
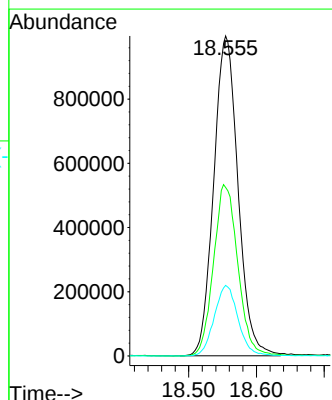
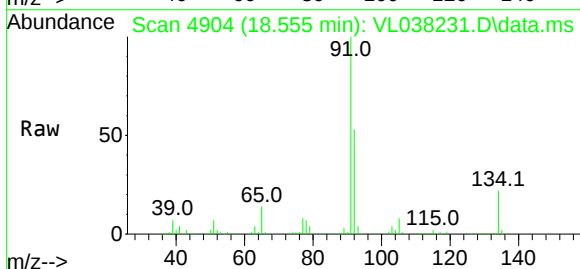
Tgt Ion: 91 Resp: 2479088

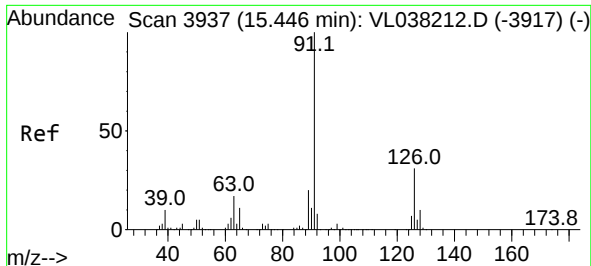
Ion Ratio Lower Upper

91 100

92 54.1 44.0 66.0

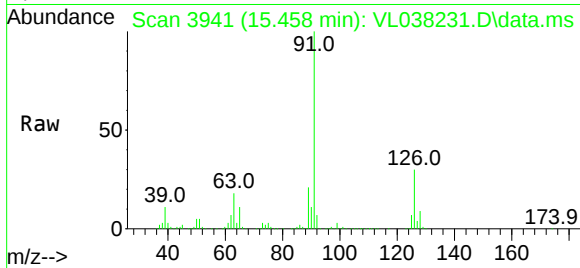
134 21.8 18.5 27.7





#71
2-Chlorotoluene
Concen: 8.734 ppbv
RT: 15.458 min Scan# 3937
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

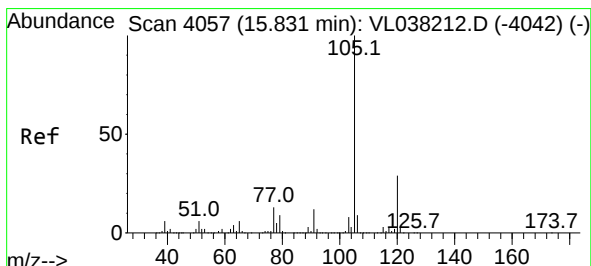
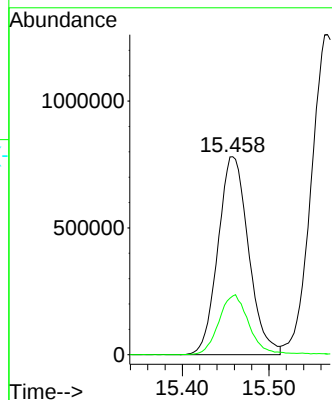
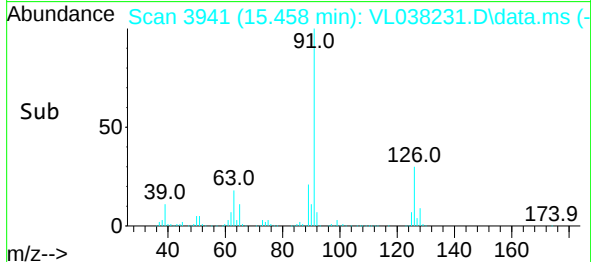
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



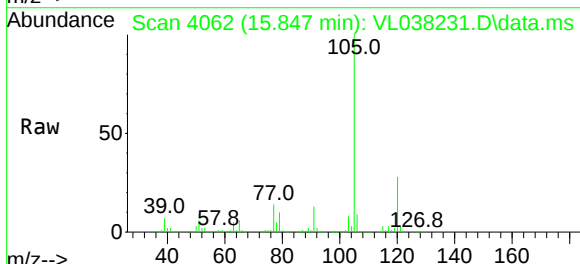
Tgt Ion: 91 Resp: 1912890
Ion Ratio Lower Upper
91 100
126 30.6 12.8 51.0

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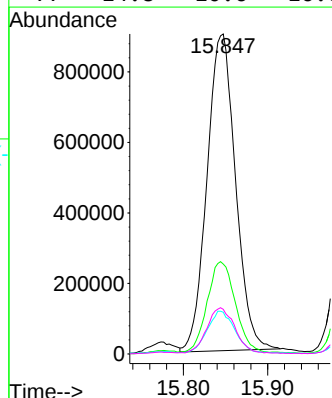
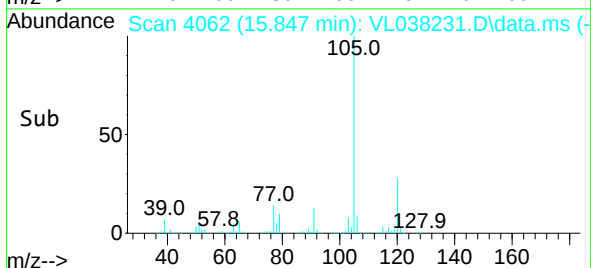
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

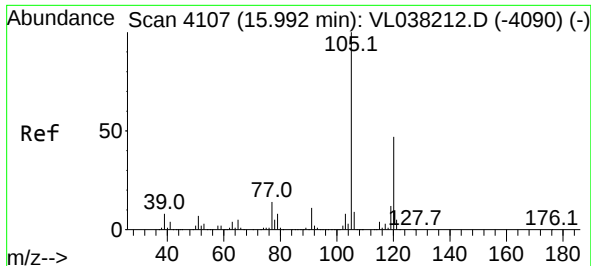


#72
4-Ethyltoluene
Concen: 8.756 ppbv
RT: 15.847 min Scan# 4062
Delta R.T. 0.016 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



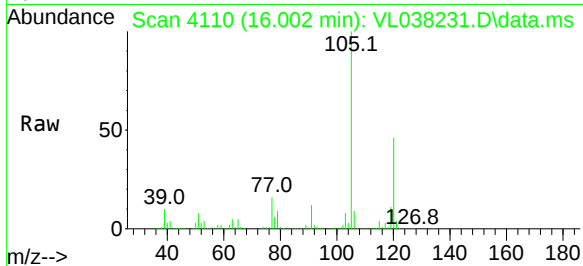
Tgt Ion:105 Resp: 2113235
Ion Ratio Lower Upper
105 100
120 29.8 24.3 36.5
91 13.2 9.8 14.6
77 14.8 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 8.805 ppbv
RT: 16.002 min Scan# 4110
Delta R.T. 0.009 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34

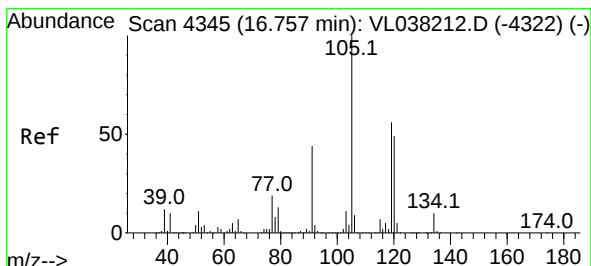
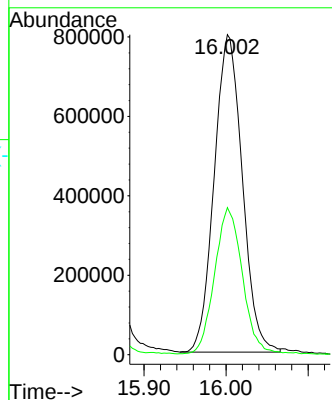
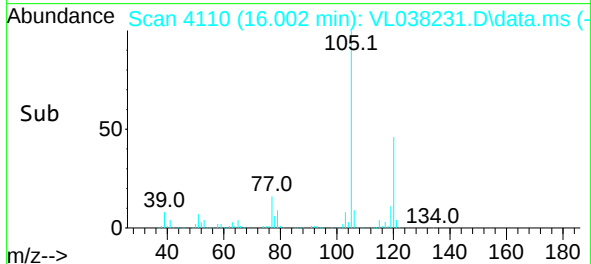
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



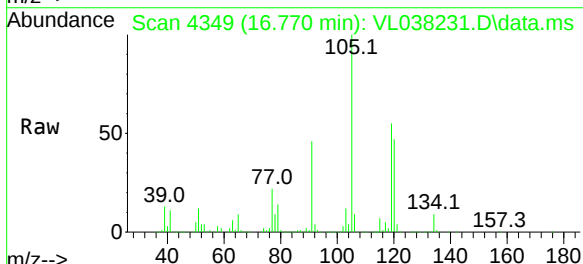
Tgt Ion:105 Resp: 1901818
Ion Ratio Lower Upper
105 100
120 46.0 37.3 55.9

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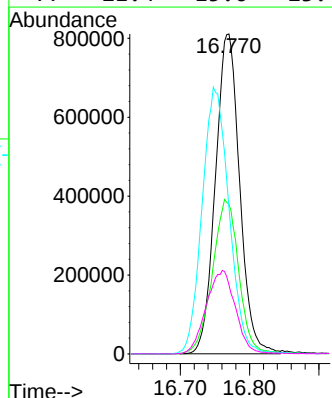
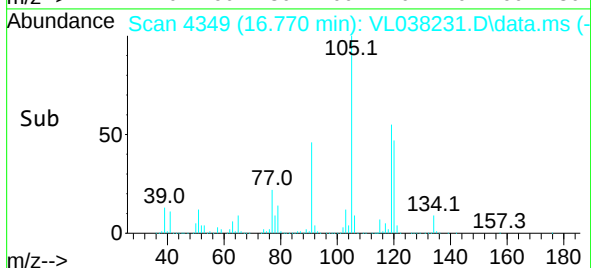
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

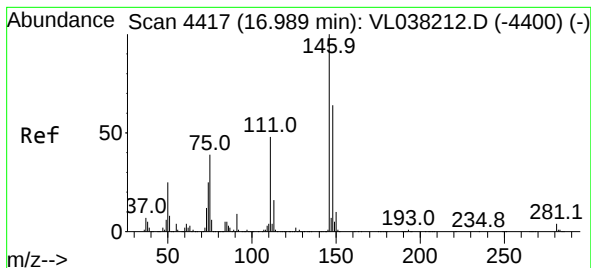


#74
1,2,4-Trimethylbenzene
Concen: 8.695 ppbv
RT: 16.770 min Scan# 4349
Delta R.T. 0.013 min
Lab File: VL038231.D
Acq: 29 Dec 2021 13:34



Tgt Ion:105 Resp: 1972496
Ion Ratio Lower Upper
105 100
120 46.6 39.4 59.2
91 45.2 35.0 52.4
77 21.4 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 8.730 ppbv

RT: 17.002 min Scan# 4417

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1069714

Ion Ratio Lower Upper

146 100

111 48.5 23.8 71.4

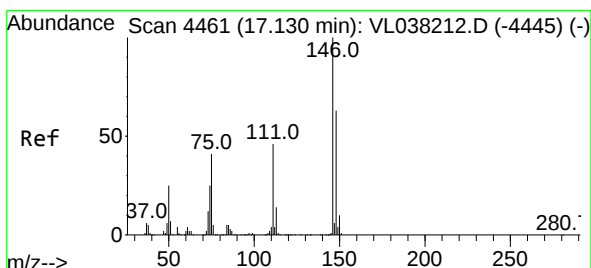
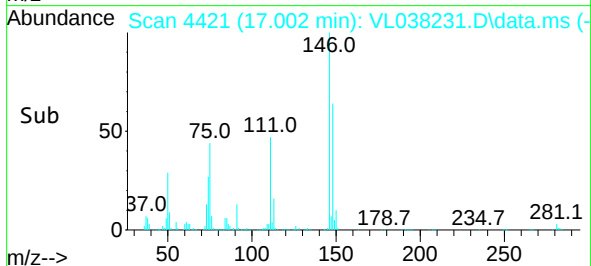
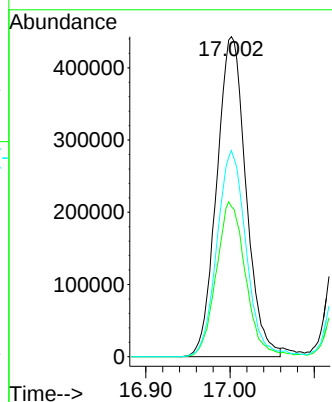
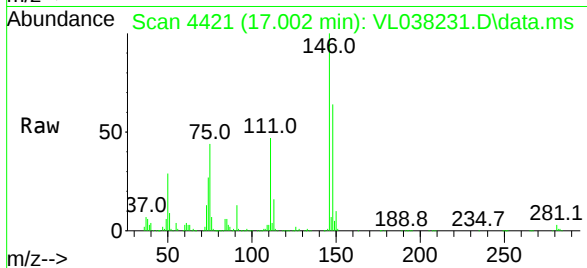
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#76

1,4-Dichlorobenzene

Concen: 8.402 ppbv

RT: 17.143 min Scan# 4465

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

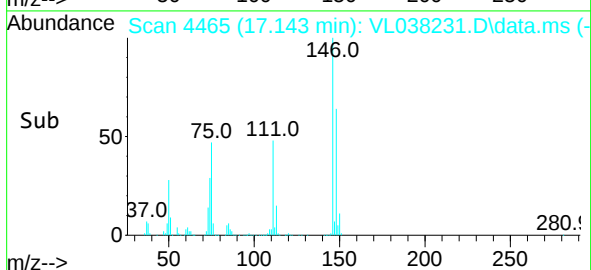
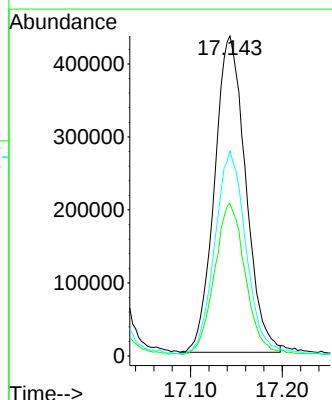
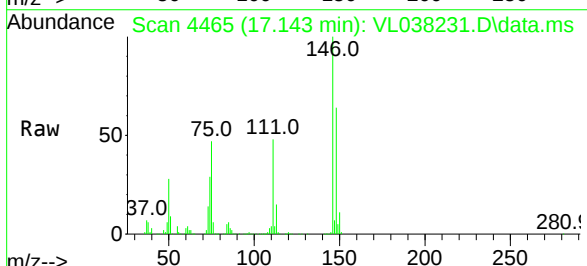
Tgt Ion:146 Resp: 1021435

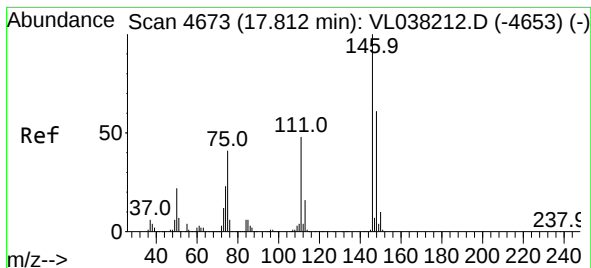
Ion Ratio Lower Upper

146 100

111 49.3 23.6 71.0

148 66.4 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 8.609 ppbv

RT: 17.825 min Scan# 4677

Delta R.T. 0.013 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1010019

Ion Ratio Lower Upper

146 100

111 49.9 24.9 74.7

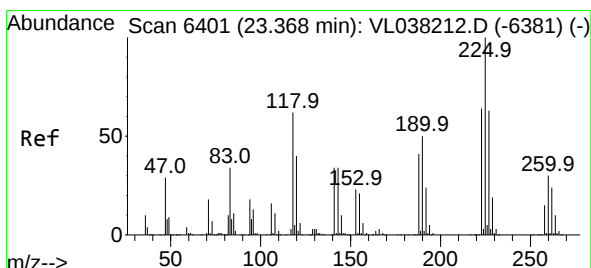
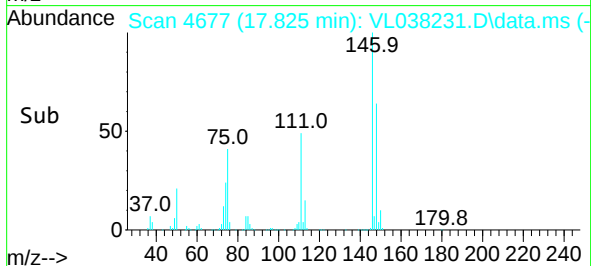
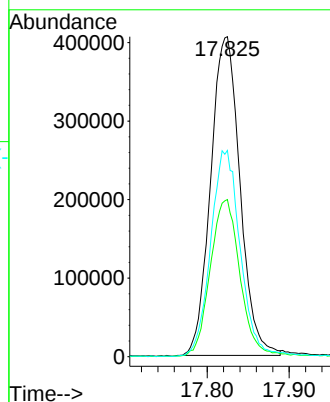
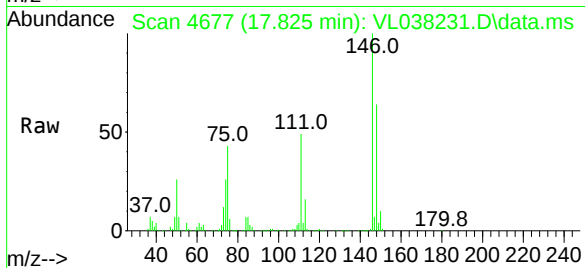
148 65.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.380 ppbv

RT: 23.378 min Scan# 6404

Delta R.T. 0.009 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

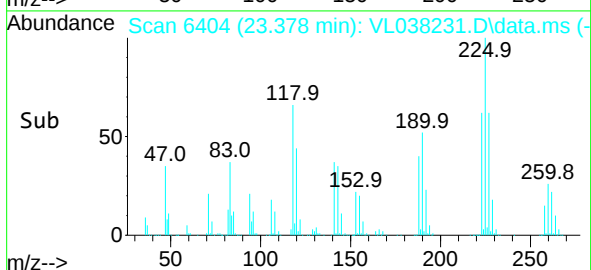
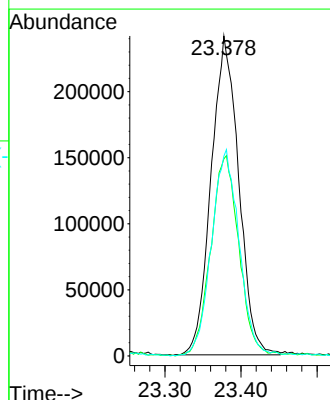
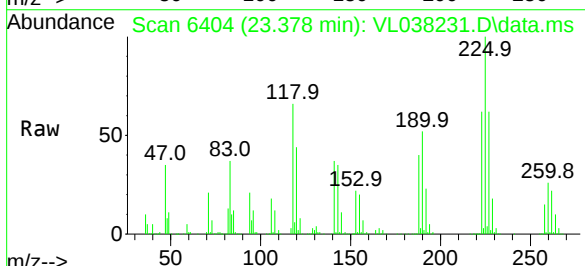
Tgt Ion:225 Resp: 606623

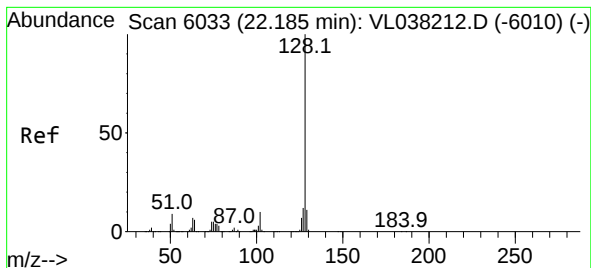
Ion Ratio Lower Upper

225 100

223 65.1 51.5 77.3

227 65.0 51.9 77.9





#79

Naphthalene

Concen: 10.031 ppbv

RT: 22.201 min Scan# 6033

Delta R.T. 0.016 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 117545

Ion Ratio Lower Upper

128 100

127 13.1 9.6 14.4

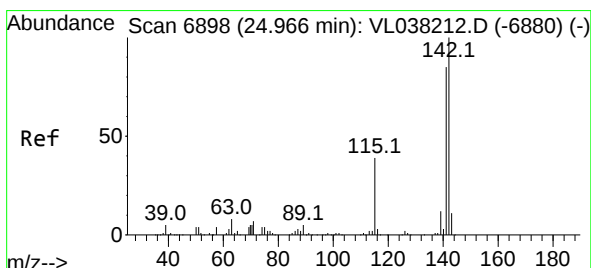
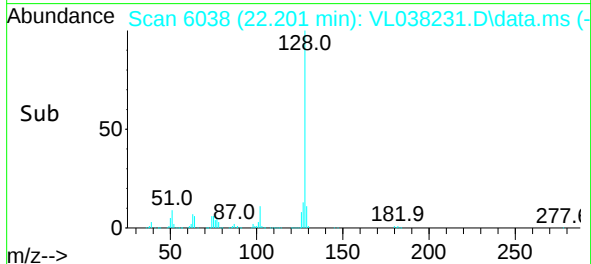
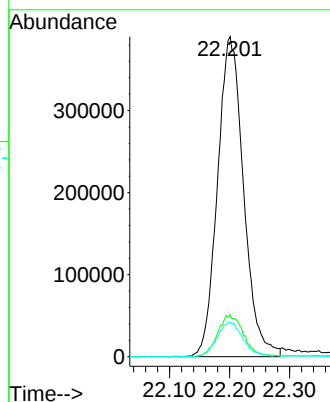
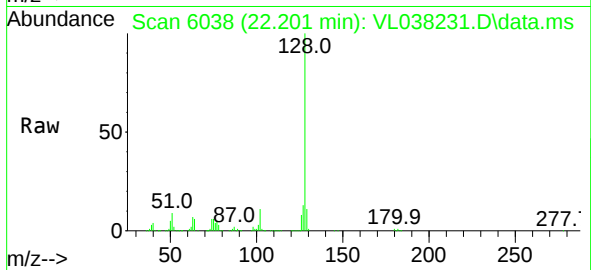
129 10.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#80

Naphthalene,2-methyl-

Concen: 8.650 ppbv

RT: 24.972 min Scan# 6900

Delta R.T. 0.006 min

Lab File: VL038231.D

Acq: 29 Dec 2021 13:34

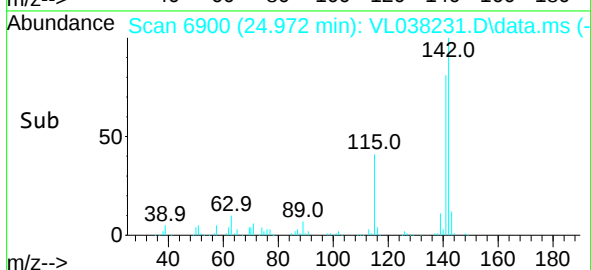
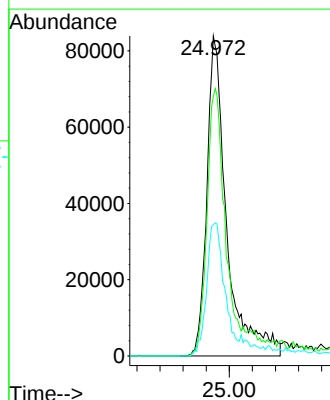
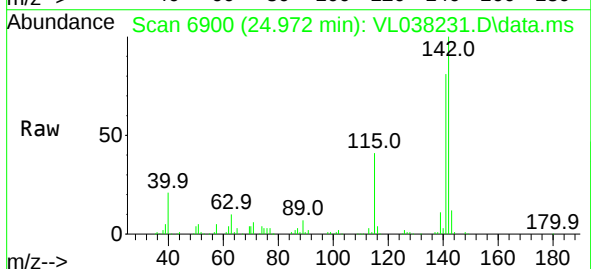
Tgt Ion:142 Resp: 201120

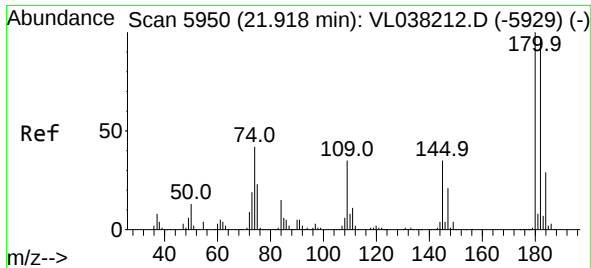
Ion Ratio Lower Upper

142 100

141 89.0 66.7 100.1

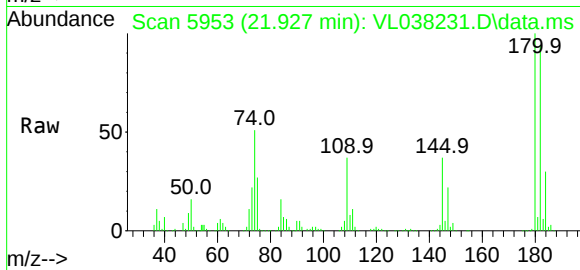
115 45.9 29.4 44.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 9.461 ppbv
 RT: 21.927 min Scan# 5953
 Delta R.T. 0.009 min
 Lab File: VL038231.D
 Acq: 29 Dec 2021 13:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 63398
 Ion Ratio Lower Upper
 180 100
 182 98.6 78.2 117.2
 184 31.0 25.7 38.5

Manual Integrations
 APPROVED

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

