

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039039.D
 Acq On : 13 May 2022 16:19
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 00:53:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 14 00:53:45 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	915859	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2298165	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	1927810	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.387 95 1541943 10.100 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	77874	0.543	ppbv	94
3) Chlorodifluoromethane	2.983	51	55216	0.486	ppbv	98
4) Chloromethane	3.134	50	25034	0.440	ppbv	97
5) Vinyl Chloride	3.253	62	19353	0.372	ppbv #	82
6) Bromomethane	3.462	94	11126m	0.453	ppbv	
7) Chloroethane	3.549	64	8906	0.512	ppbv	92
8) Dichlorotetrafluoroethane	3.182	85	55825	0.429	ppbv #	79
9) Propene	3.002	41	26467m	0.533	ppbv	
10) Heptane	8.102	43	50109m	0.412	ppbv	
11) Trichlorofluoromethane	3.941	101	56204	0.456	ppbv #	80
12) 1,1,2-Trichlorotrifluoro...	4.478	101	41718	0.492	ppbv	92
13) Ethanol	3.616	45	3449m	0.982	ppbv	
14) Bromoethene	3.735	108	17608m	0.503	ppbv	
15) Acetone	3.854	43	48234m	0.558	ppbv	
16) 1,3-Butadiene	3.317	39	21499	0.433	ppbv	83
17) tert-Butyl alcohol	4.295	59	33406m	0.503	ppbv	
18) 1,1-Dichloroethene	4.275	96	16350	0.448	ppbv #	78
19) Isopropyl Alcohol	3.973	45	17394	0.423	ppbv #	66
20) Methylene Chloride	4.333	84	16223	0.498	ppbv	96
21) Allyl Chloride	4.401	41	26252m	0.446	ppbv	
22) trans-1,2-Dichloroethene	4.873	96	16148	0.410	ppbv	81
23) Vinyl Acetate	5.070	43	39340m	0.576	ppbv	
24) 1,1-Dichloroethane	4.996	63	34354	0.436	ppbv	99
25) Ethyl Acetate	5.671	43	83470	0.404	ppbv #	91
26) Hexane	5.671	57	38270	0.417	ppbv	86
27) Carbon Disulfide	4.536	76	28030	0.321	ppbv #	79
28) Methyl tert-Butyl Ether	5.034	73	35539m	0.508	ppbv	
29) Chloroform	5.735	83	65511	0.441	ppbv	97
30) Cyclohexane	7.114	84	37033m	0.481	ppbv	
31) cis-1,2-Dichloroethene	5.536	61	39798m	0.425	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	61417	0.413	ppbv	95
34) 2-Butanone	5.243	43	58766m	0.501	ppbv	
35) Carbon Tetrachloride	6.992	117	58978m	0.389	ppbv	
36) Benzene	6.870	78	79796m	0.406	ppbv	
37) 1,2-Dichloroethane	6.291	62	52550m	0.432	ppbv	
38) Trichloroethene	7.812	130	32853	0.376	ppbv #	85
39) 1,2-Dichloropropane	7.594	63	33057m	0.432	ppbv	
40) 1,4-Dioxane	7.848	88	12371m	0.450	ppbv	
41) Tetrahydrofuran	6.053	42	29929m	0.380	ppbv	
42) Bromodichloromethane	7.770	83	60251m	0.362	ppbv	
43) Methyl Methacrylate	7.999	69	28731m	0.360	ppbv	
44) 2,2,4-Trimethylpentane	7.848	57	141503m	0.410	ppbv	
45) t-1,3-Dichloropropene	9.259	75	18775m	0.243	ppbv	

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Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 14 00:53:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

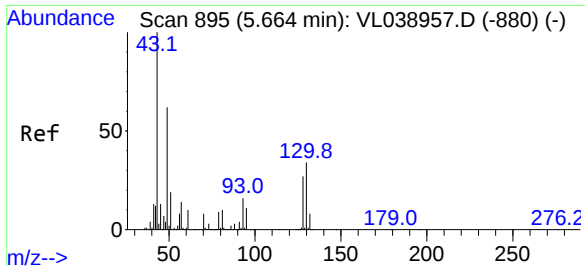
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.680	75	27872	0.272	ppbv	# 82
47) 1,1,2-Trichloroethane	9.452	97	32468m	0.408	ppbv	
48) Dibromochloromethane	10.285	129	41829m	0.323	ppbv	
49) Bromoform	13.005	173	29232m	0.296	ppbv	
50) 4-Methyl-2-Pentanone	8.748	43	75140m	0.365	ppbv	
51) 2-Hexanone	10.127	43	52503m	0.350	ppbv	
52) Tetrachloroethene	11.198	164	29530m	0.420	ppbv	
53) Toluene	9.783	91	84181	0.382	ppbv	98
54) 1,2-Dibromoethane	10.590	107	38660	0.357	ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.101	131	35895m	0.424	ppbv	
57) Chlorobenzene	12.124	112	67262m	0.465	ppbv	
58) Ethyl Benzene	12.687	91	115069	0.415	ppbv	94
59) m/p-Xylene	12.966	91	203908m	0.861	ppbv	
60) o-Xylene	13.664	91	97438	0.437	ppbv	99
61) Styrene	13.497	104	46331m	0.389	ppbv	
62) Isopropylbenzene	14.642	105	145289	0.446	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.648	83	57059m	0.435	ppbv	
64) n-propylbenzene	15.535	120	34062m	0.432	ppbv	
65) tert-Butylbenzene	16.719	119	125245m	0.438	ppbv	
66) Benzyl Chloride	16.963	91	10607m	0.284	ppbv	
67) sec-Butylbenzene	17.262	105	164418	0.403	ppbv	97
69) p-Isopropyltoluene	17.622	119	140907m	0.427	ppbv	
70) n-Butylbenzene	18.522	91	132053	0.377	ppbv	100
71) 2-Chlorotoluene	15.426	91	102824	0.409	ppbv	100
72) 4-Ethyltoluene	15.812	105	108767m	0.428	ppbv	
73) 1,3,5-Trimethylbenzene	15.969	105	92080	0.403	ppbv	98
74) 1,2,4-Trimethylbenzene	16.728	105	104123m	0.416	ppbv	
75) 1,3-Dichlorobenzene	16.973	146	63024m	0.459	ppbv	
76) 1,4-Dichlorobenzene	17.108	146	58947m	0.437	ppbv	
77) 1,2-Dichlorobenzene	17.780	146	59160m	0.436	ppbv	
78) Hexachloro-1,3-Butadiene	23.345	225	60213m	0.483	ppbv	
79) Naphthalene	22.165	128	65933m	0.324	ppbv	
80) Naphthalene,2-methyl-	24.953	142	16529m	0.269	ppbv	
81) 1,2,4-Trichlorobenzene	21.889	180	45656m	0.383	ppbv	

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

Manual Integrations APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





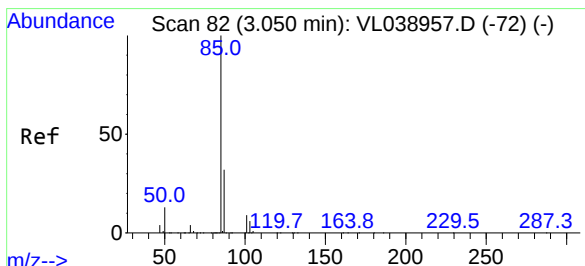
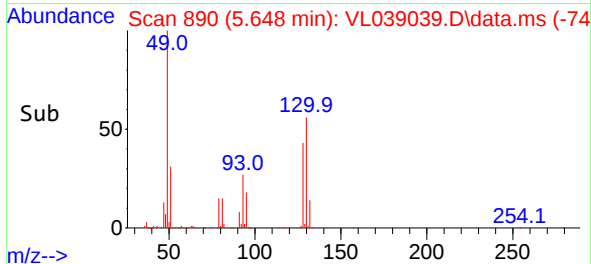
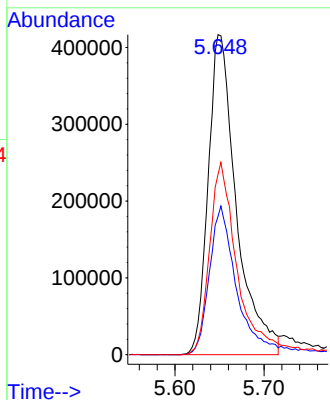
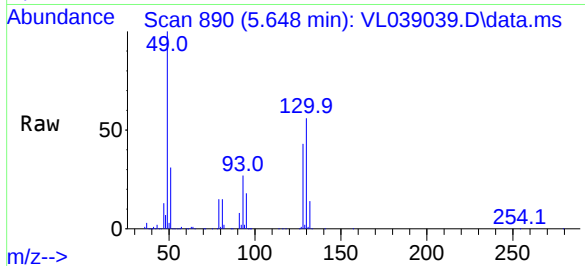
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 49 Resp: 91585
Ion Ratio Lower Upper
49 100
128 48.2 23.3 69.8
130 60.9 29.8 89.3

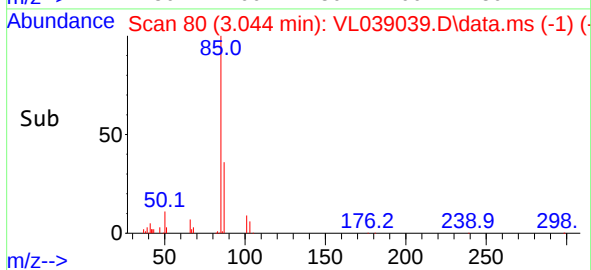
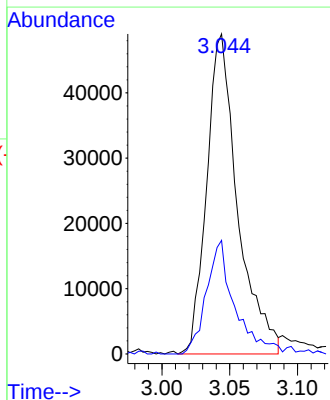
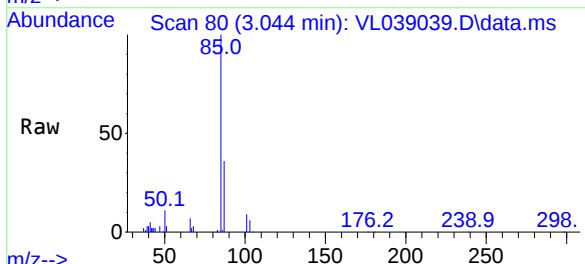
Manual Integrations
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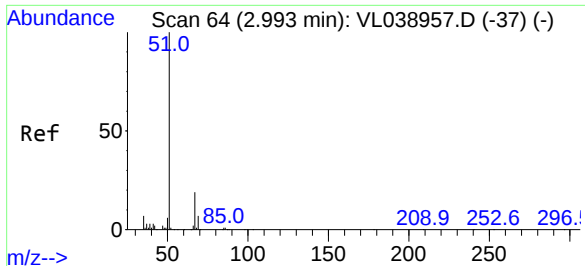
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#2
Dichlorodifluoromethane
Concen: 0.543 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

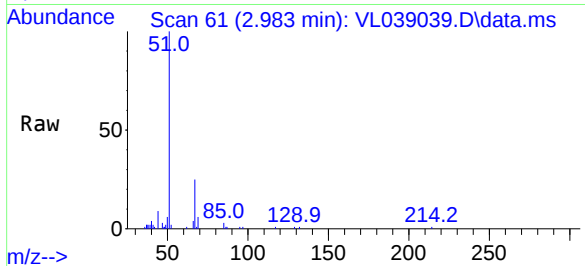
Tgt Ion: 85 Resp: 77874
Ion Ratio Lower Upper
85 100
87 35.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.486 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

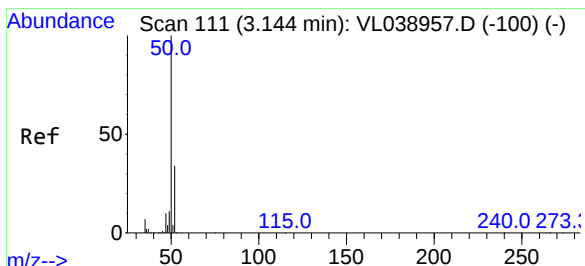
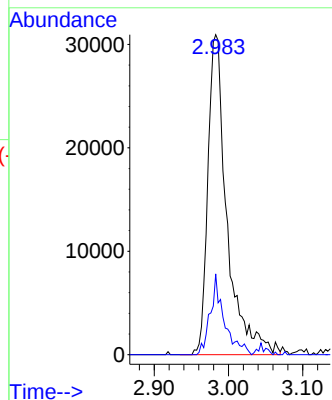
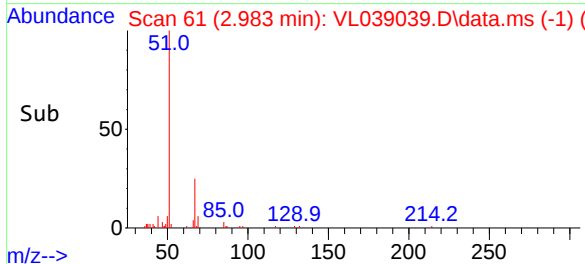
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 51 Resp: 55210
Ion Ratio Lower Upper
51 100
67 18.8 15.8 23.8

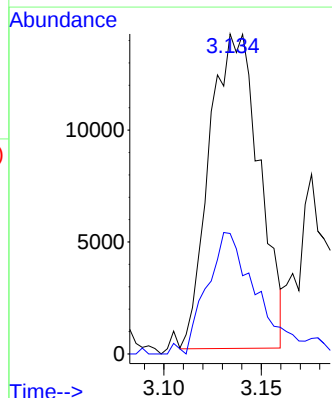
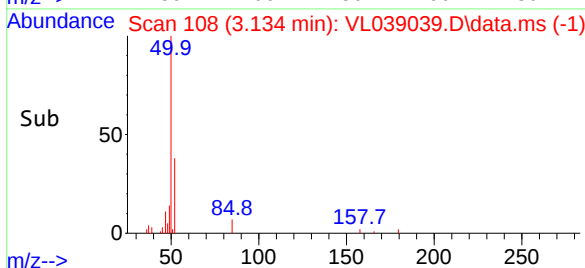
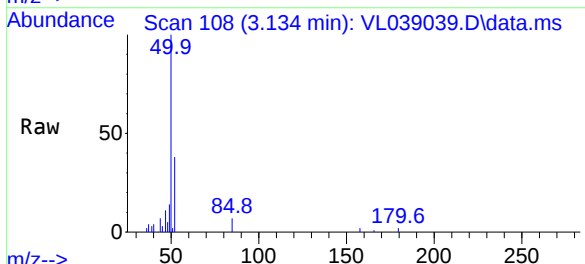
Manual Integrations
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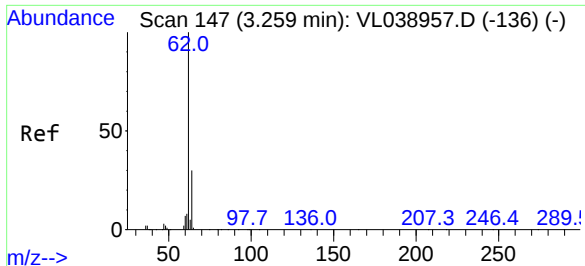
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#4
Chloromethane
Concen: 0.440 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

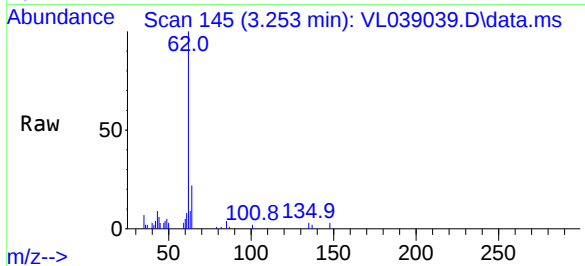
Tgt Ion: 50 Resp: 25034
Ion Ratio Lower Upper
50 100
52 35.9 27.3 40.9





#5
 Vinyl Chloride
 Concen: 0.372 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

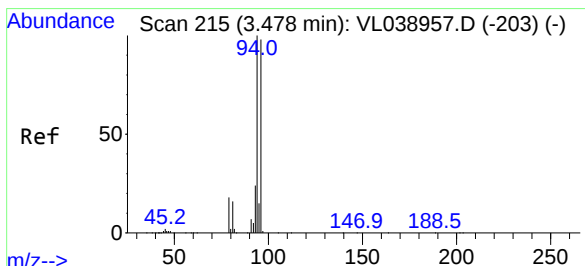
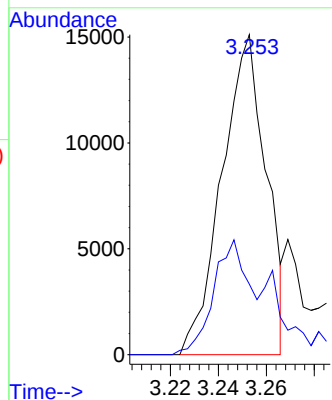
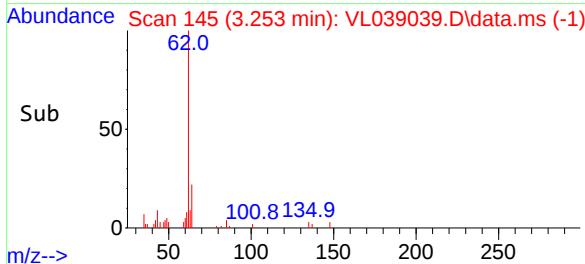
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion: 62 Resp: 1935
 Ion Ratio Lower Upper
 62 100
 64 20.7 24.2 36.4

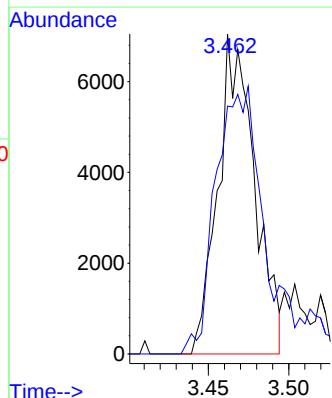
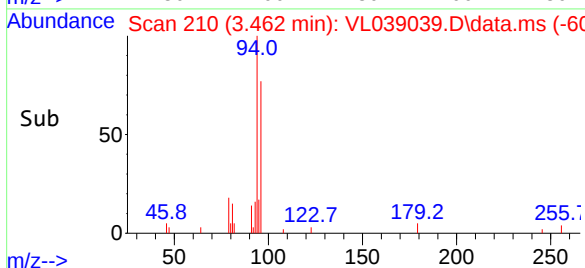
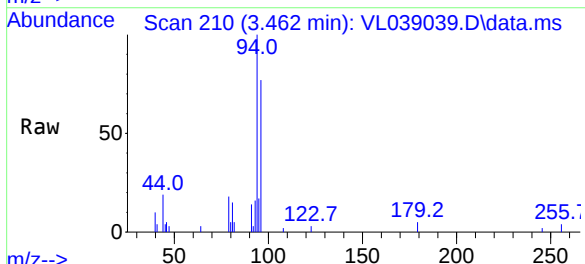
Manual Integrations
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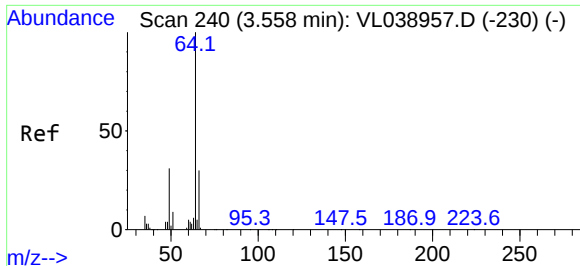
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#6
 Bromomethane
 Concen: 0.453 ppbv m
 RT: 3.462 min Scan# 210
 Delta R.T. -0.016 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

Tgt Ion: 94 Resp: 11126
 Ion Ratio Lower Upper
 94 100
 96 77.4 78.1 117.1





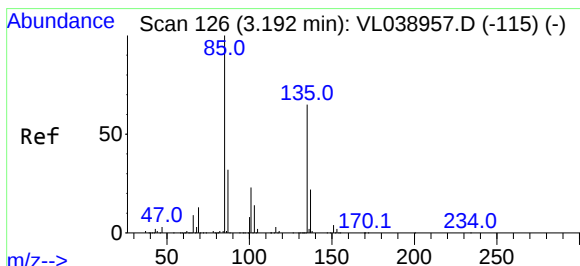
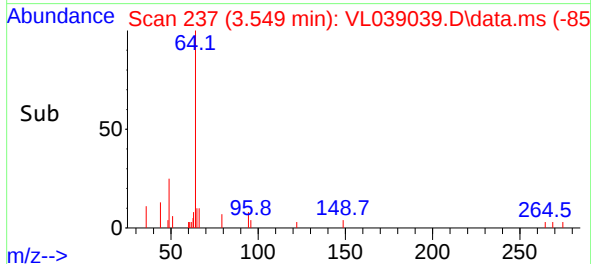
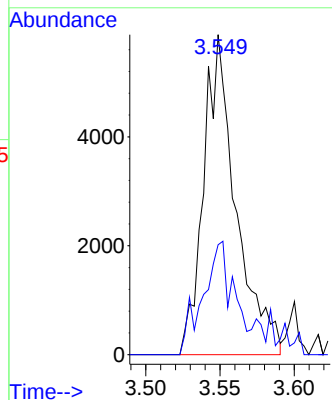
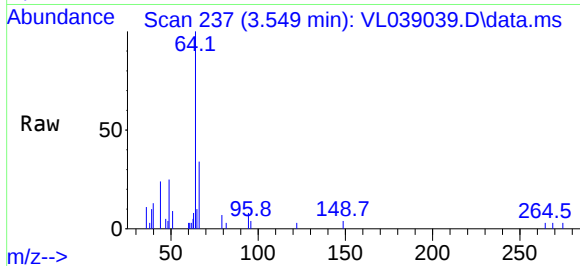
#7
Chloroethane
Concen: 0.512 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 64 Resp: 8900
Ion Ratio Lower Upper
64 100
66 34.4 23.8 35.8

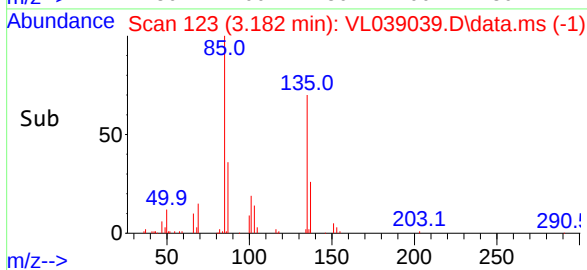
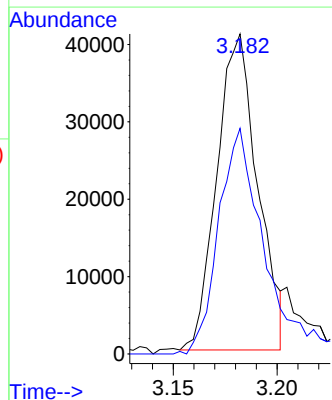
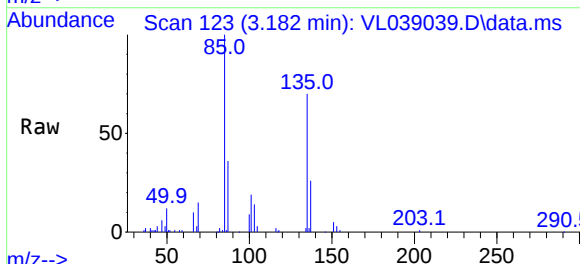
Manual Integrations
APPROVED

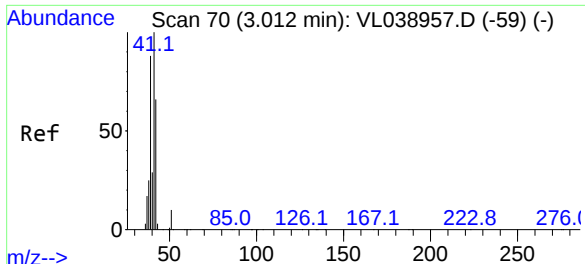
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#8
Dichlorotetrafluoroethane
Concen: 0.429 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 85 Resp: 55825
Ion Ratio Lower Upper
85 100
135 84.0 53.6 80.4#





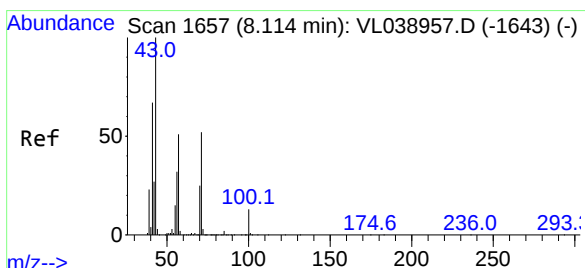
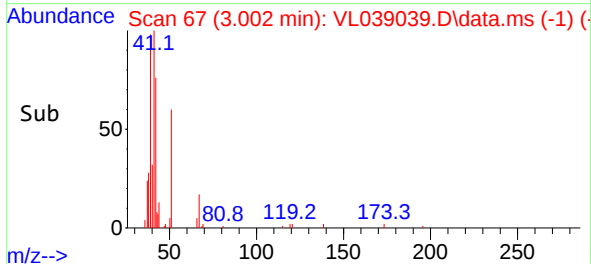
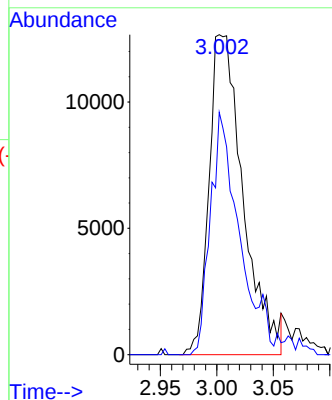
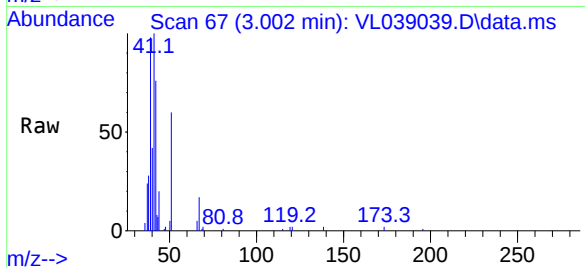
#9
Propene
Concen: 0.533 ppbv m
RT: 3.002 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 41 Resp: 2646
Ion Ratio Lower Upper
41 100
42 68.4 58.3 87.5

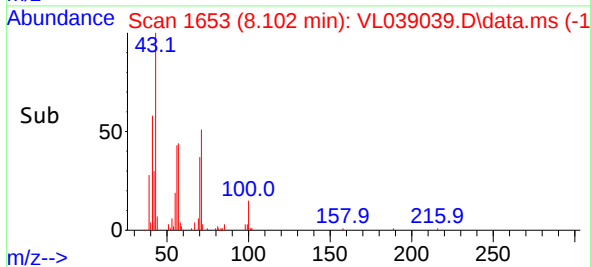
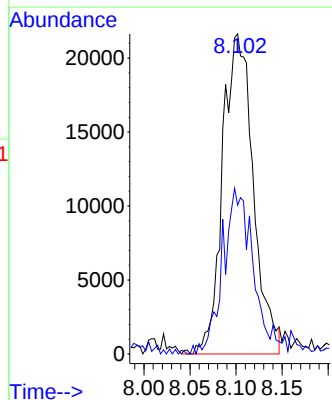
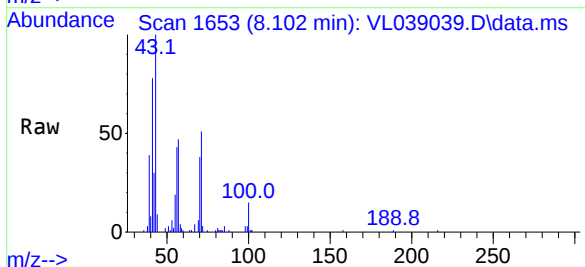
Manual Integrations
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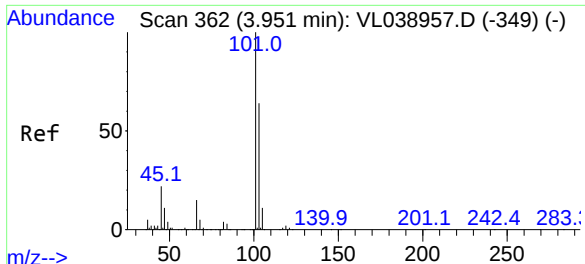
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
Heptane
Concen: 0.412 ppbv m
RT: 8.102 min Scan# 1653
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 43 Resp: 50109
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#





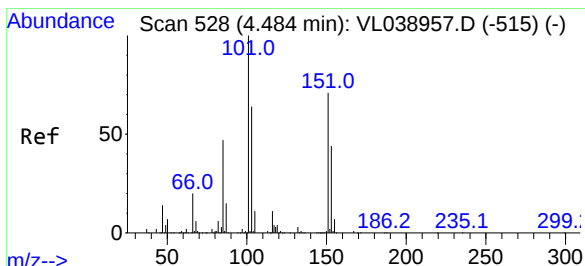
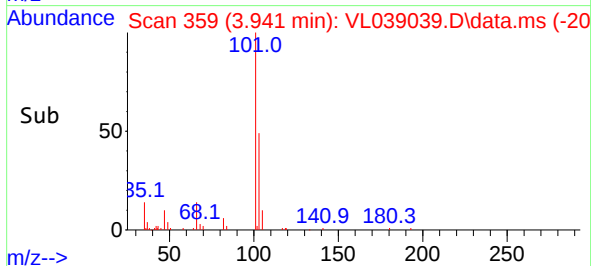
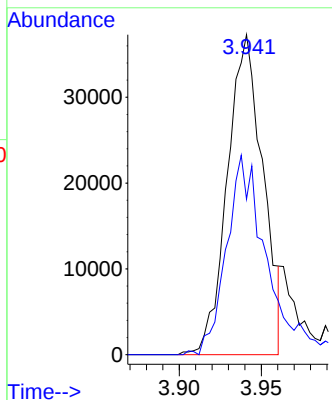
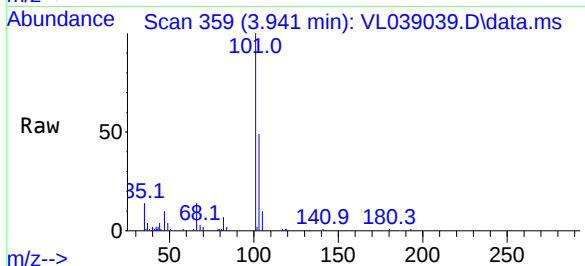
#11
Trichlorofluoromethane
Concen: 0.456 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:101 Resp: 56204
Ion Ratio Lower Upper
101 100
103 48.6 51.5 77.3

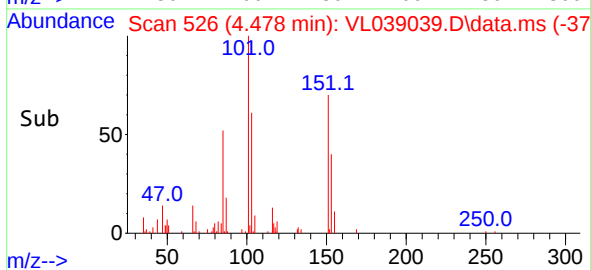
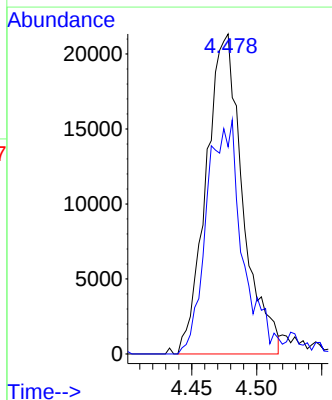
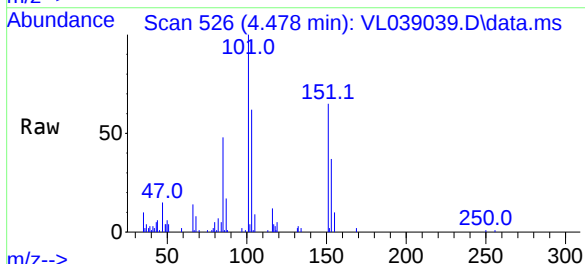
Manual Integrations
APPROVED

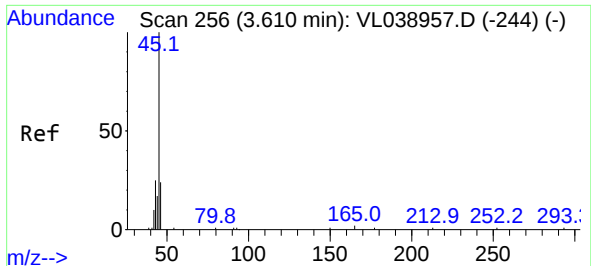
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.492 ppbv
RT: 4.478 min Scan# 526
Delta R.T. -0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

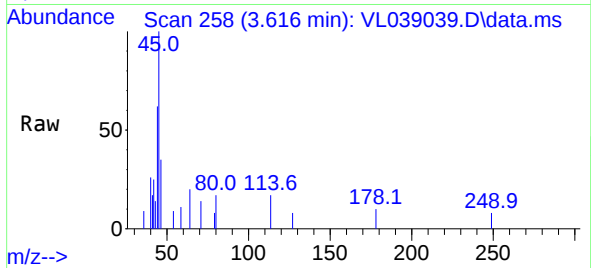
Tgt Ion:101 Resp: 41718
Ion Ratio Lower Upper
101 100
151 76.1 55.4 83.0





#13
Ethanol
Concen: 0.982 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

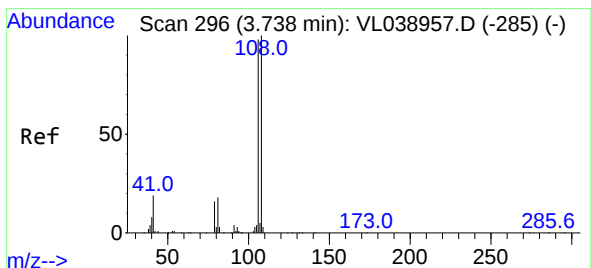
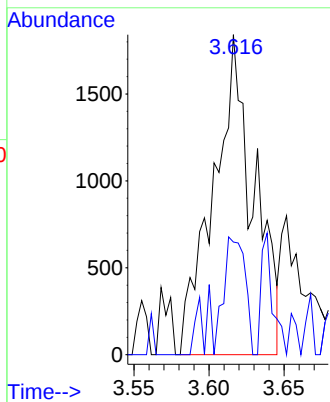
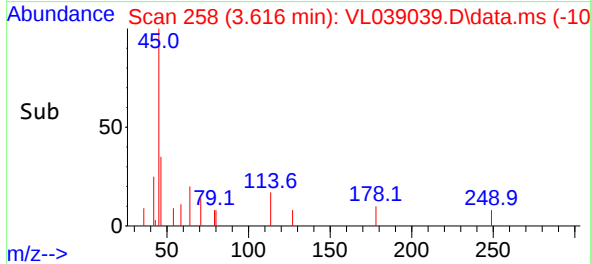
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



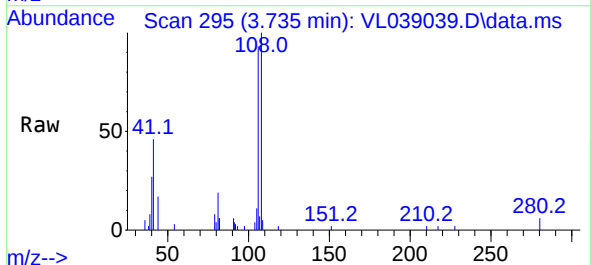
Tgt Ion: 45 Resp: 3449
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

Manual Integrations
APPROVED

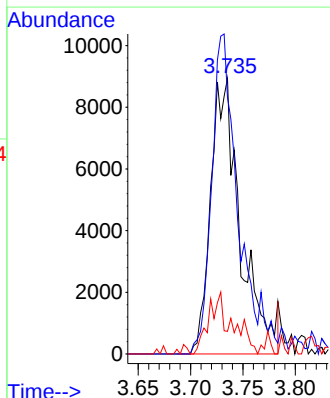
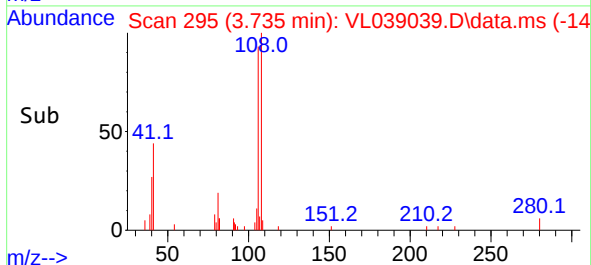
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

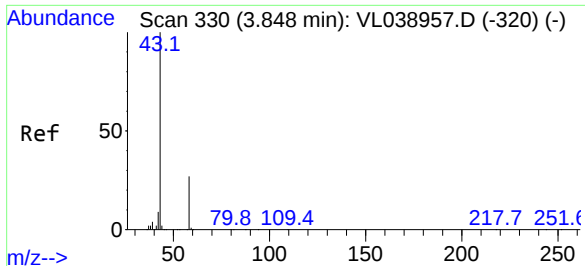


#14
Bromoethene
Concen: 0.503 ppbv m
RT: 3.735 min Scan# 295
Delta R.T. -0.003 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



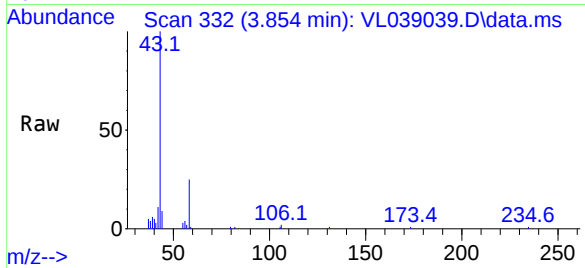
Tgt Ion:108 Resp: 17608
Ion Ratio Lower Upper
108 100
106 110.8 90.3 135.5
79 20.0 14.9 22.3





#15
Acetone
Concen: 0.558 ppbv m
RT: 3.854 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

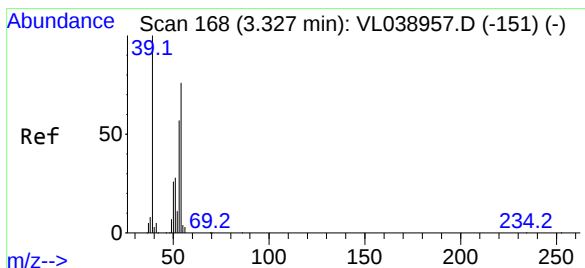
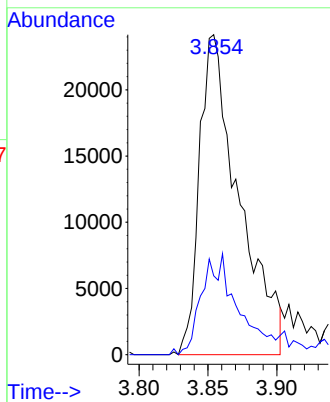
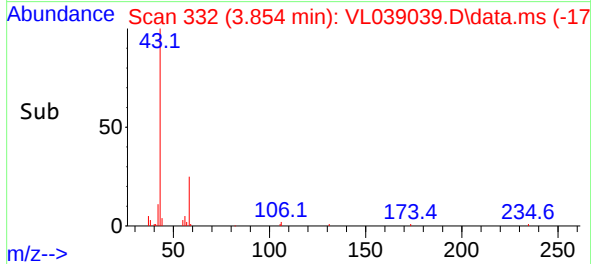
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 43 Resp: 48234
Ion Ratio Lower Upper
43 100
58 32.2 21.3 31.9

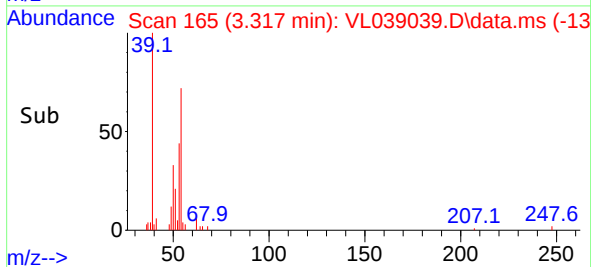
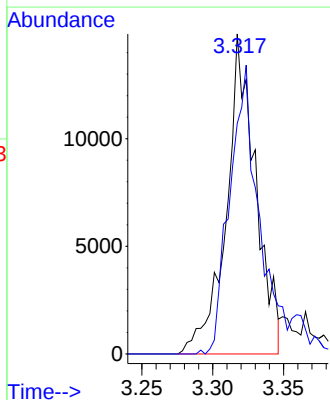
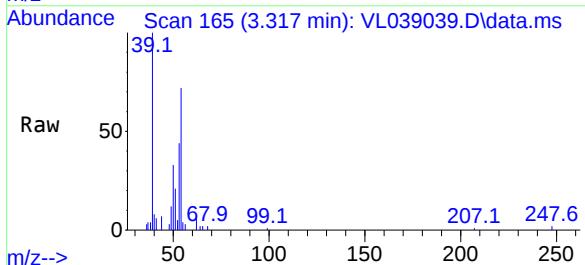
Manual Integrations
APPROVED

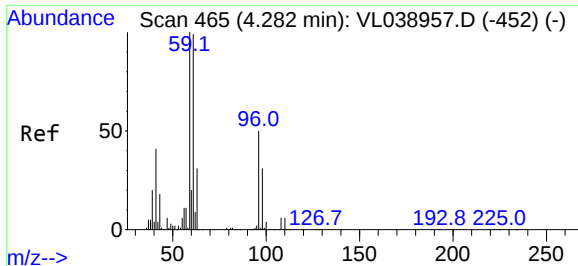
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#16
1,3-Butadiene
Concen: 0.433 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 39 Resp: 21499
Ion Ratio Lower Upper
39 100
54 97.1 65.2 97.8





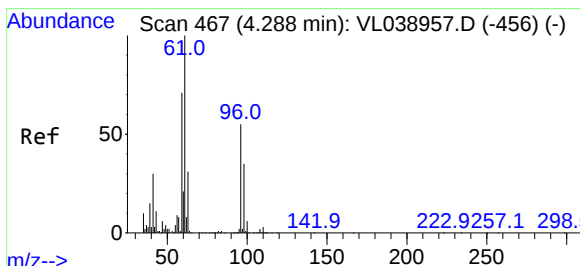
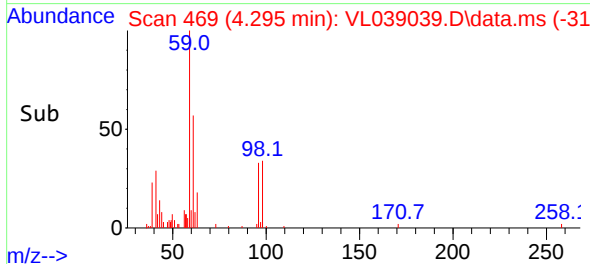
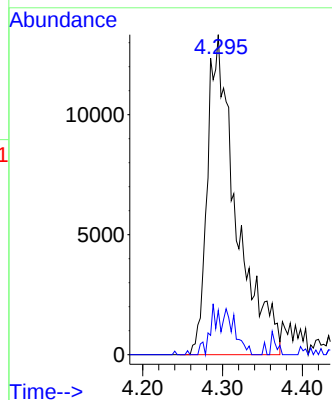
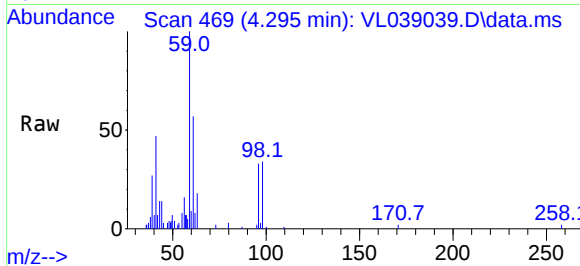
#17
tert-Butyl alcohol
Concen: 0.503 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. 0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 59 Resp: 33400
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8

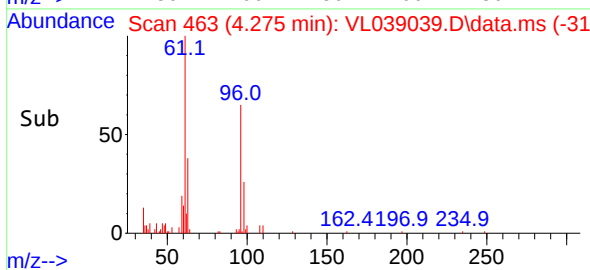
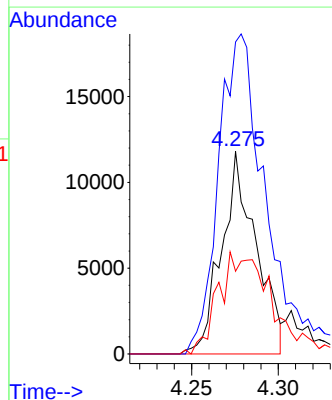
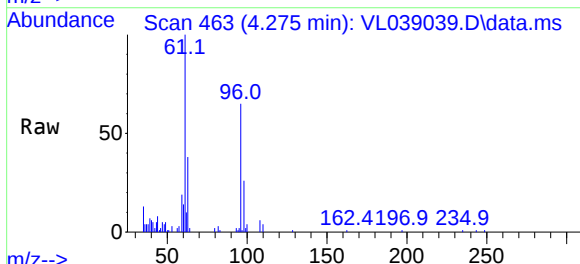
Manual Integrations
APPROVED

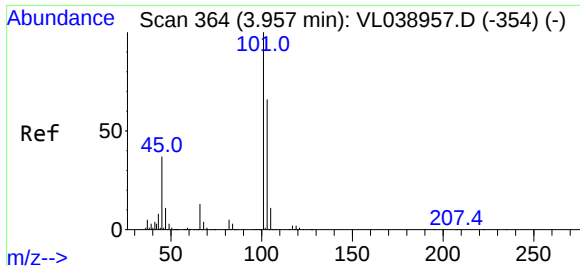
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#18
1,1-Dichloroethene
Concen: 0.448 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

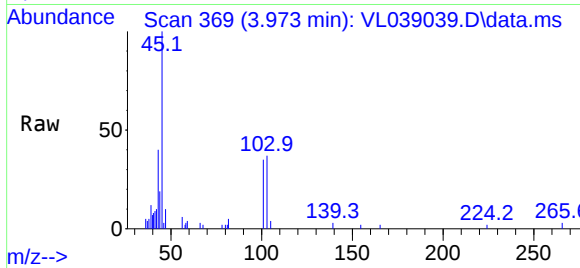
Tgt Ion: 96 Resp: 16350
Ion Ratio Lower Upper
96 100
61 154.0 146.3 219.5
98 40.8 50.6 75.8#





#19
Isopropyl Alcohol
Concen: 0.423 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

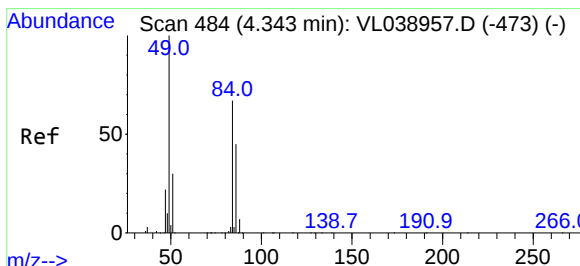
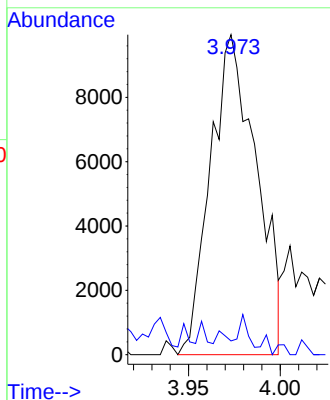
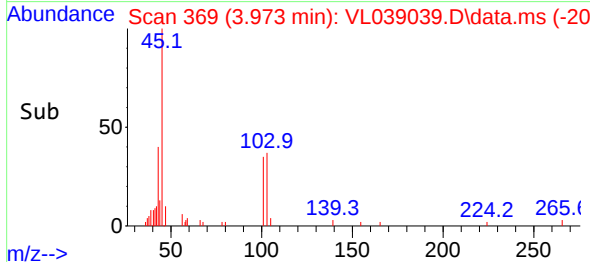
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



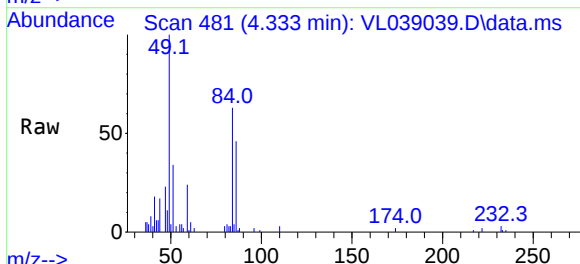
Tgt Ion: 45 Resp: 17394
Ion Ratio Lower Upper
45 100
58 14.0 1.4 2.2

Manual Integrations
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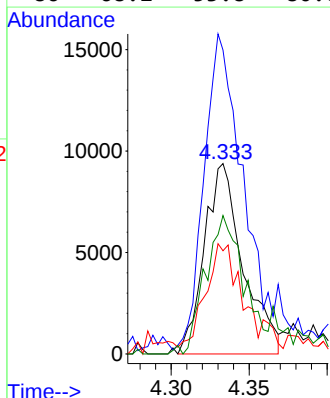
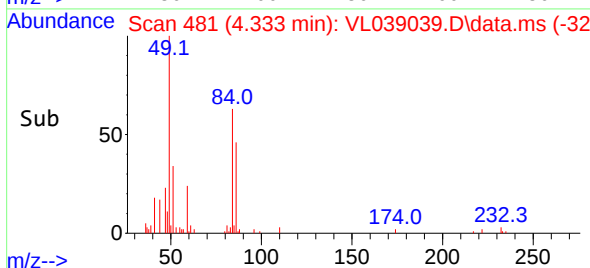
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

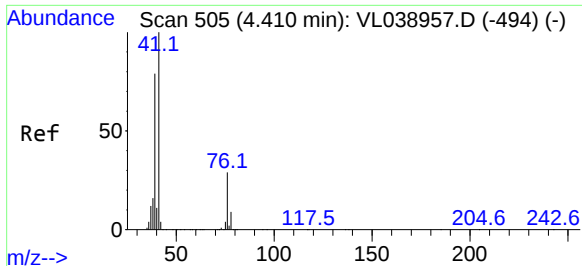


#20
Methylene Chloride
Concen: 0.498 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



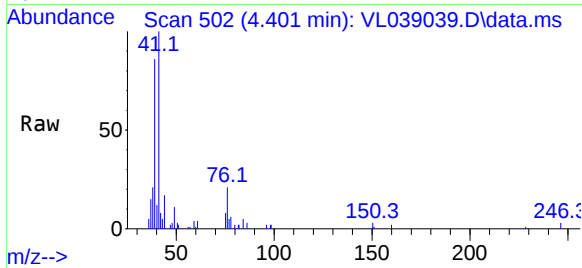
Tgt Ion: 84 Resp: 16223
Ion Ratio Lower Upper
84 100
49 154.9 119.9 179.9
51 50.8 35.7 53.5
86 68.2 53.8 80.6





#21
 Allyl Chloride
 Concen: 0.446 ppbv m
 RT: 4.401 min Scan# 50
 Delta R.T. -0.010 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

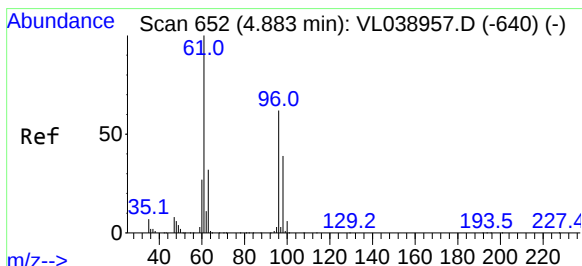
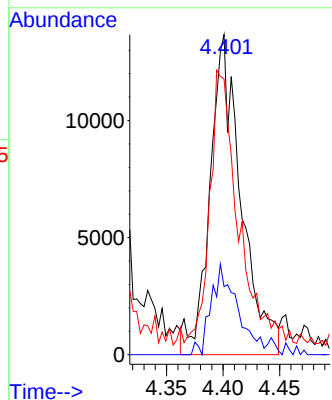
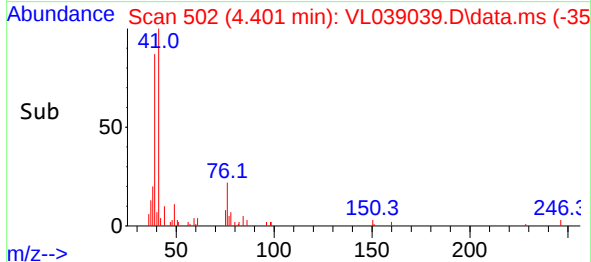
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion: 41 Resp: 2625
 Ion Ratio Lower Upper
 41 100
 76 25.9 24.2 36.4
 39 97.8 63.8 95.8

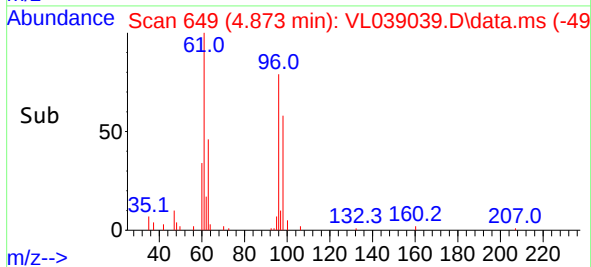
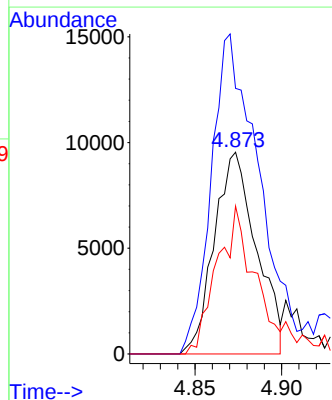
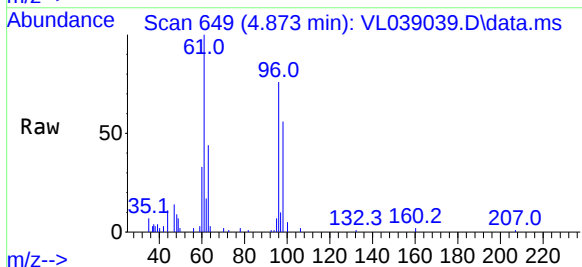
Manual Integrations
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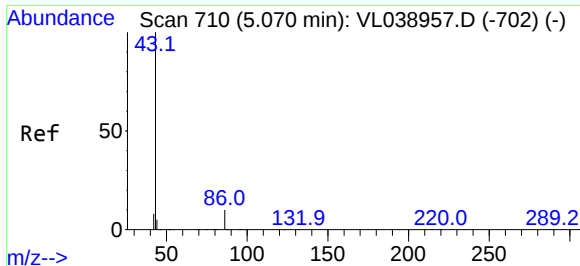
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.410 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. -0.010 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

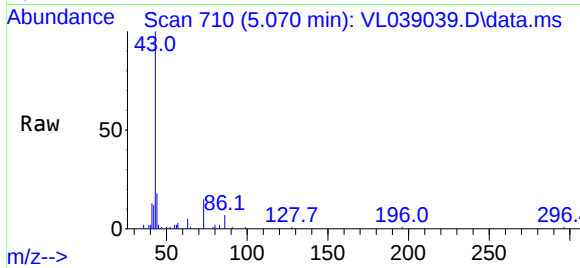
Tgt Ion: 96 Resp: 16148
 Ion Ratio Lower Upper
 96 100
 61 131.6 128.2 192.2
 98 73.3 50.1 75.1





#23
 Vinyl Acetate
 Concen: 0.576 ppbv m
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

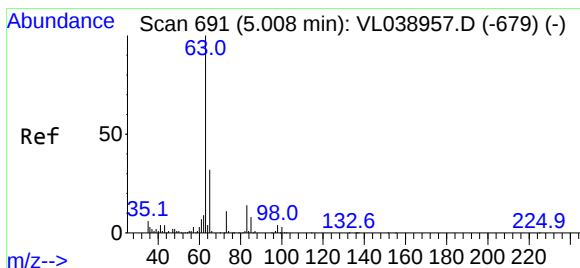
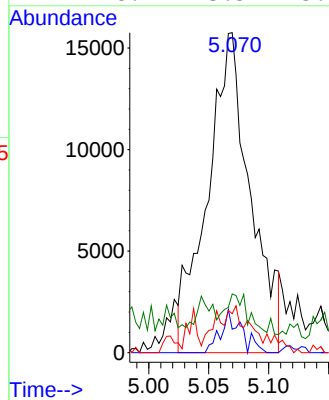
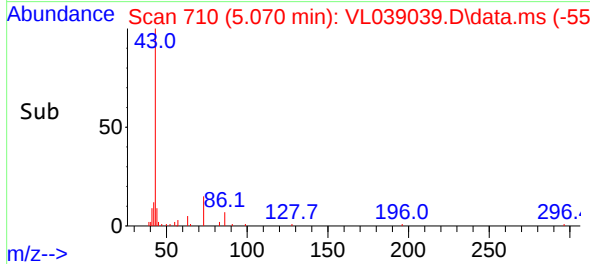
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion: 43 Resp: 39340
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.6 9.8
 42 12.2 8.1 12.1
 44 18.4 3.5 5.3#

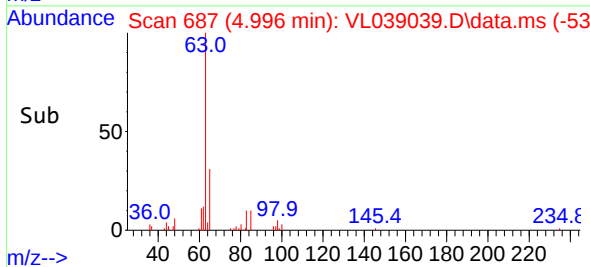
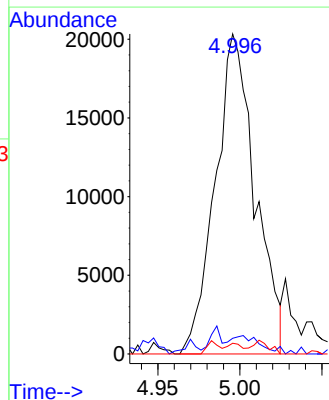
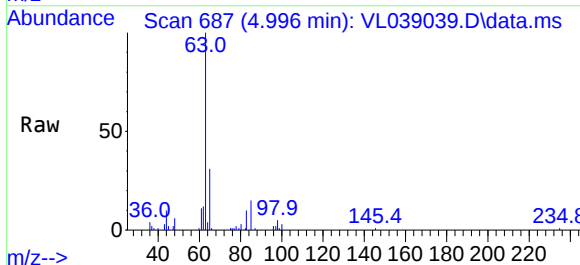
Manual Integrations
 APPROVED

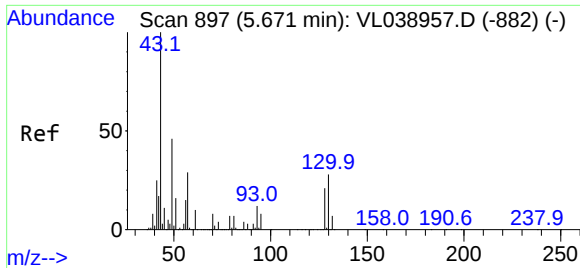
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#24
 1,1-Dichloroethane
 Concen: 0.436 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

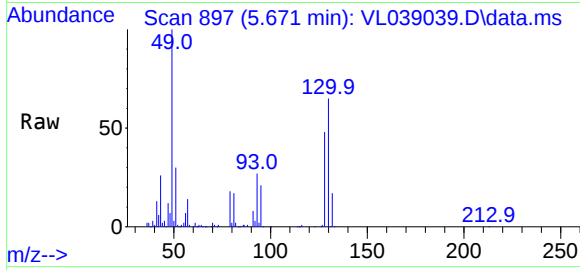
Tgt Ion: 63 Resp: 34354
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.2
 100 3.4 1.4 4.2





#25
Ethyl Acetate
Concen: 0.404 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.000 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

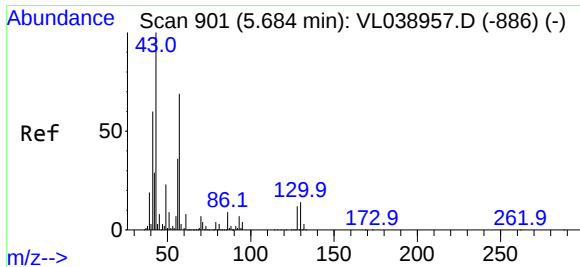
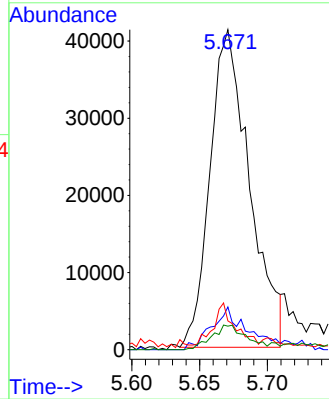
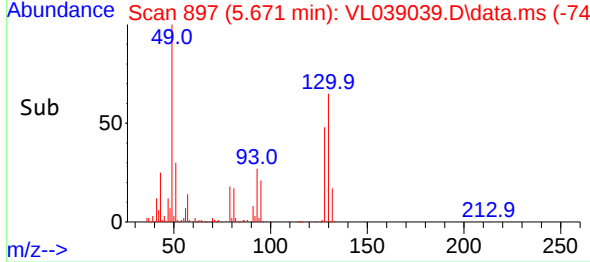


Tgt Ion: 43 Resp: 83470

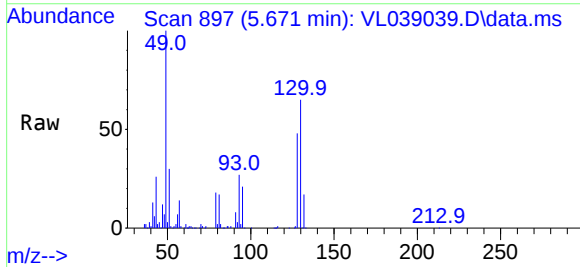
Ion	Ratio	Lower	Upper
43	100		
45	13.6	8.1	12.1
61	12.7	7.8	11.6
70	9.8	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

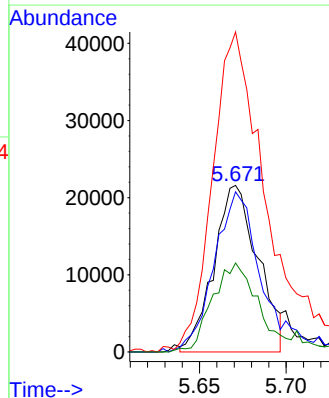
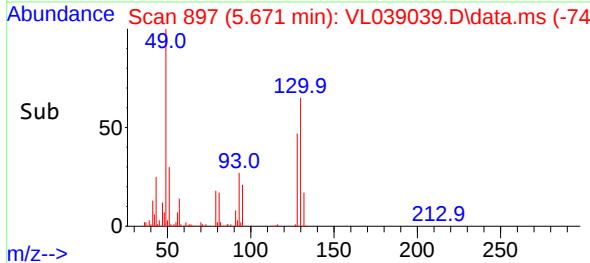


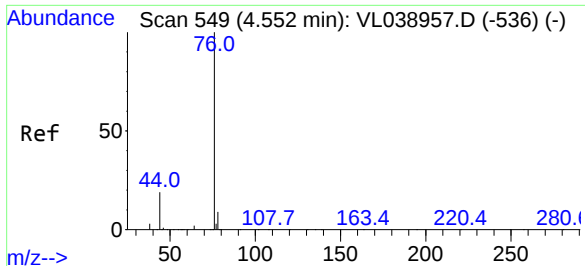
#26
Hexane
Concen: 0.417 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



Tgt Ion: 57 Resp: 38270

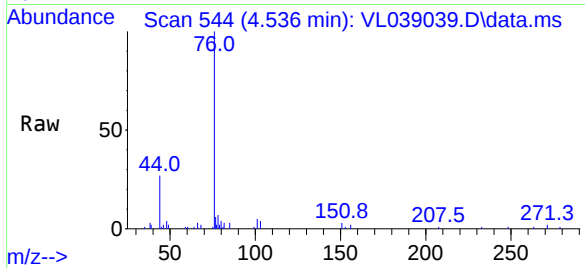
Ion	Ratio	Lower	Upper
57	100		
41	109.4	75.2	112.8
43	260.5	190.8	286.2
56	62.8	43.0	64.6





#27
Carbon Disulfide
Concen: 0.321 ppbv
RT: 4.536 min Scan# 544
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

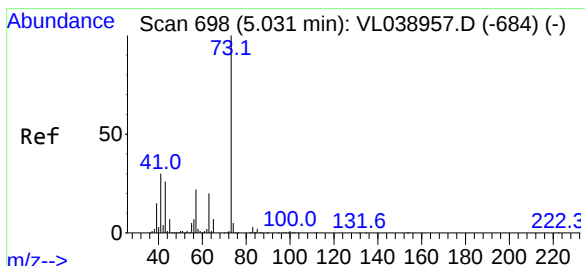
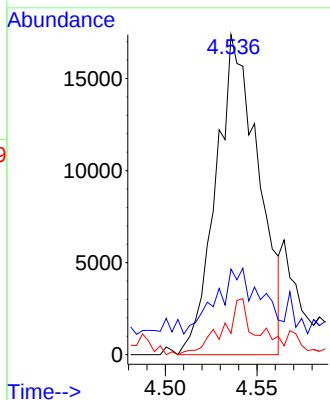
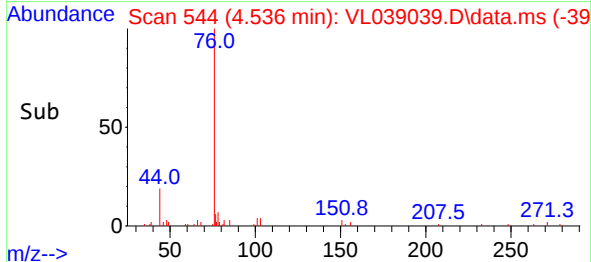
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 76 Resp: 28030
Ion Ratio Lower Upper
76 100
44 28.5 15.3 22.9
78 18.3 8.2 12.2

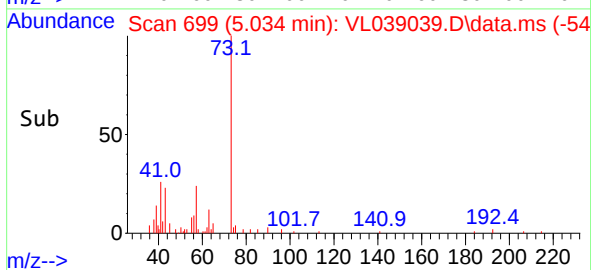
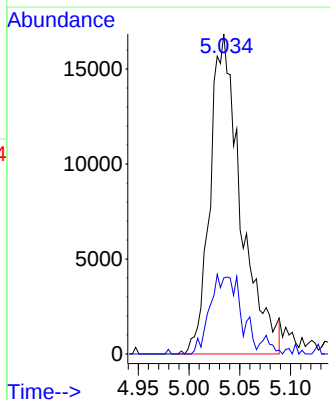
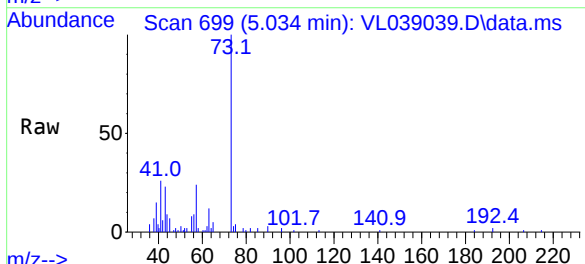
Manual Integrations
APPROVED

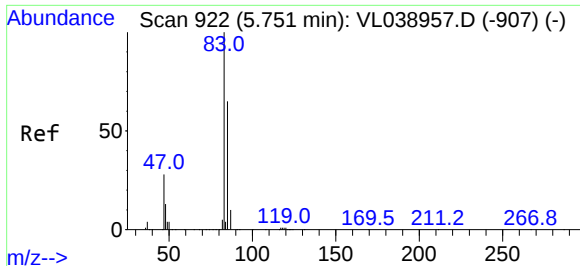
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#28
Methyl tert-Butyl Ether
Concen: 0.508 ppbv m
RT: 5.034 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 73 Resp: 35539
Ion Ratio Lower Upper
73 100
57 26.8 18.8 28.2





#29

Chloroform

Concen: 0.441 ppbv

RT: 5.735 min Scan# 917

Delta R.T. -0.016 min

Lab File: VL039039.D

Acq: 13 May 2022 16:19

Instrument :

MSVOA_L

ClientSampleId :

0.4 MDL

Tgt Ion: 83 Resp: 6551

Ion Ratio Lower Upper

83 100

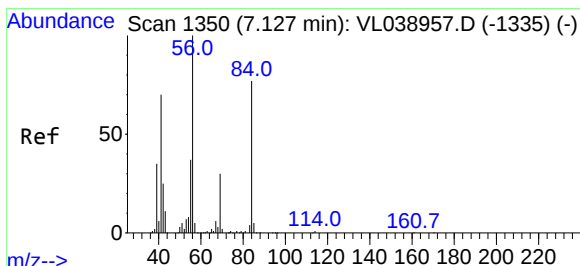
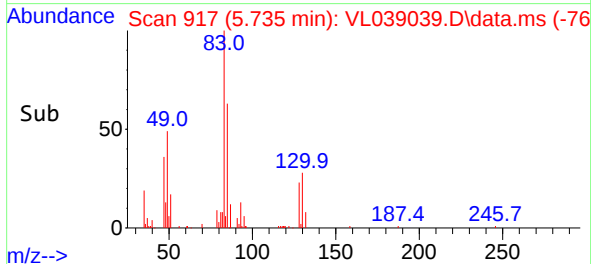
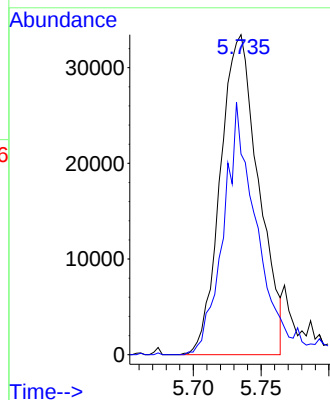
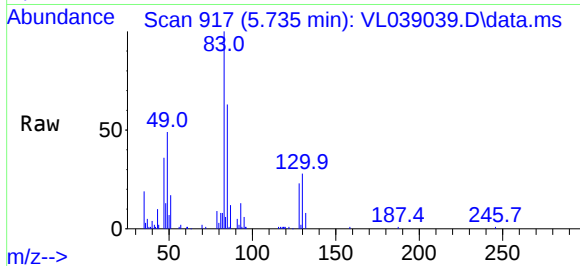
85 62.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022

Supervised By :Mahesh Dadoda 05/17/2022



#30

Cyclohexane

Concen: 0.481 ppbv m

RT: 7.114 min Scan# 1346

Delta R.T. -0.013 min

Lab File: VL039039.D

Acq: 13 May 2022 16:19

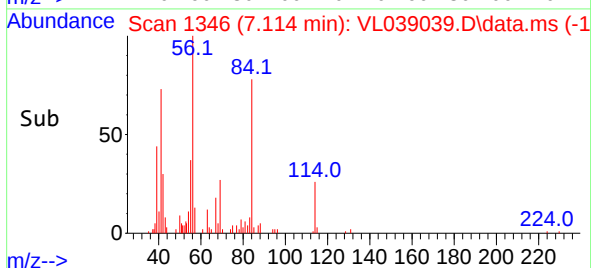
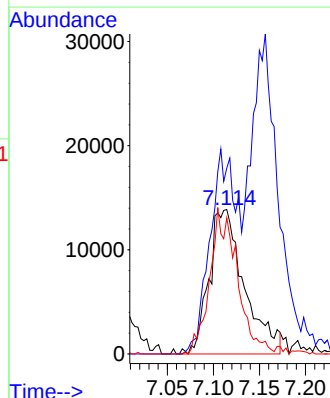
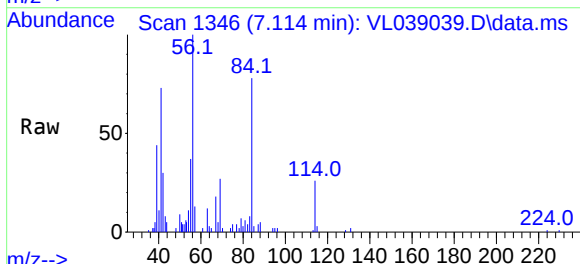
Tgt Ion: 84 Resp: 37033

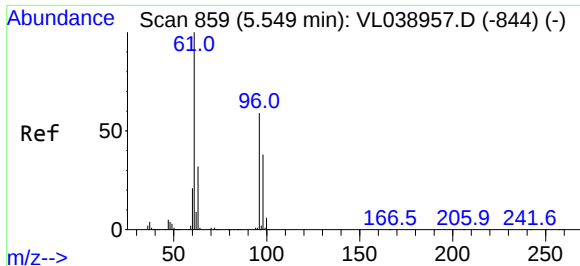
Ion Ratio Lower Upper

84 100

56 107.6 115.3 172.9#

41 79.8 72.0 108.0





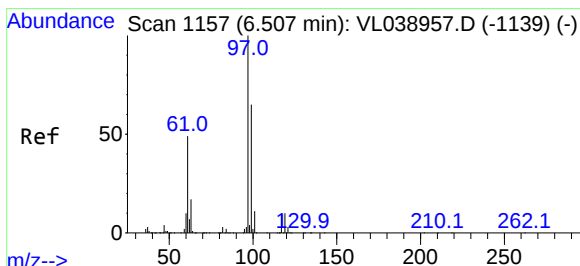
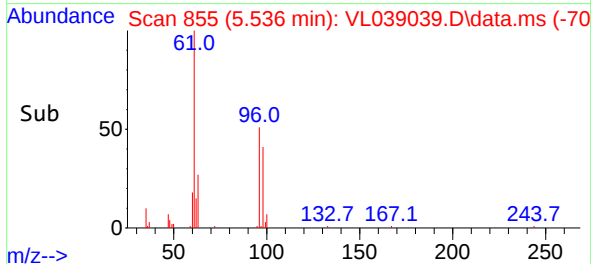
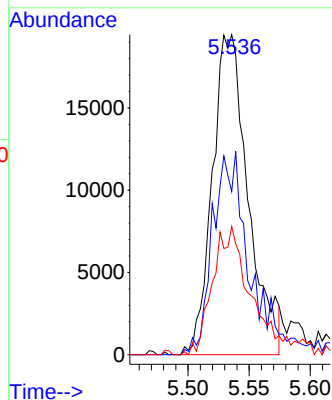
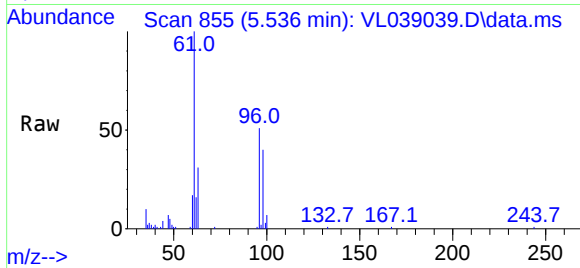
#31
cis-1,2-Dichloroethene
Concen: 0.425 ppbv m
RT: 5.536 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 61 Resp: 39798
Ion Ratio Lower Upper
61 100
96 51.0 47.4 71.0
98 40.0 30.6 45.8

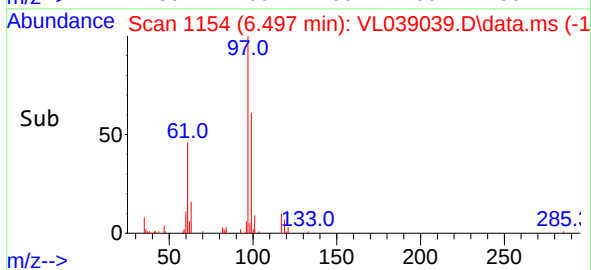
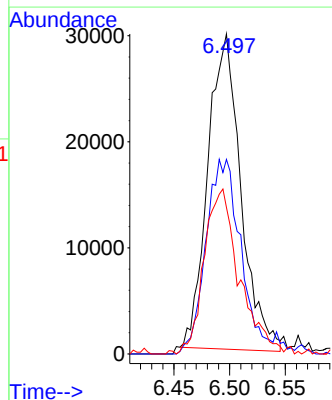
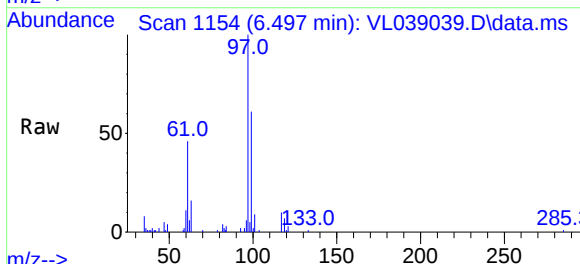
Manual Integrations
APPROVED

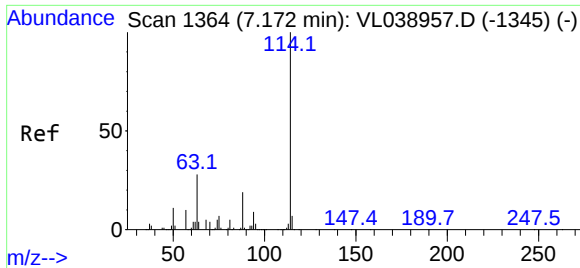
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 0.413 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

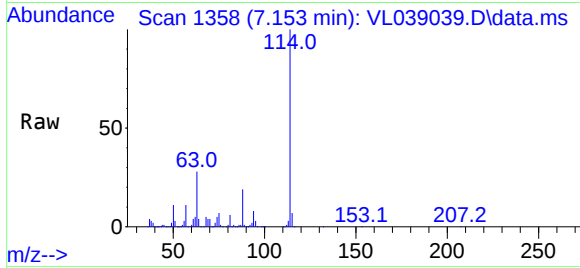
Tgt Ion: 97 Resp: 61417
Ion Ratio Lower Upper
97 100
99 67.6 51.9 77.9
61 55.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

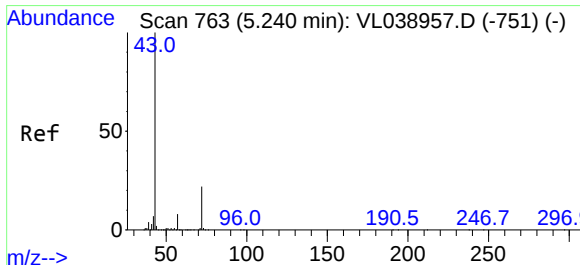
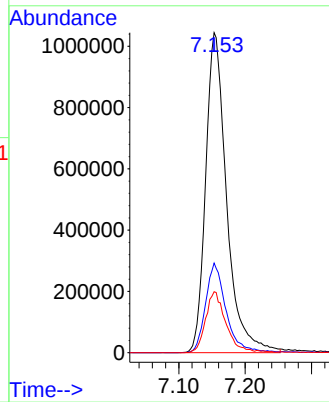
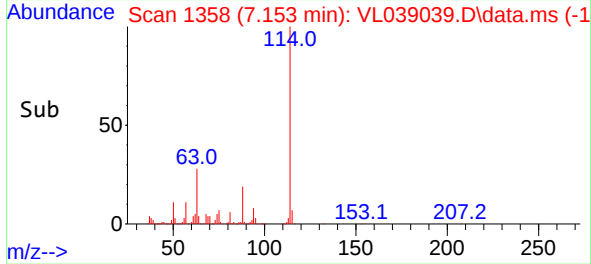
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



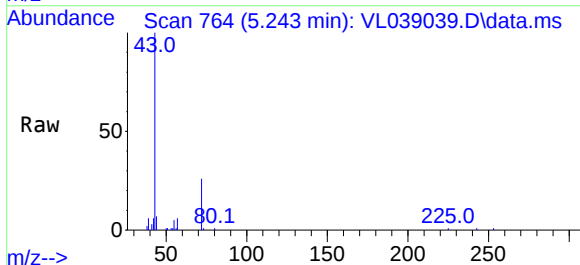
Tgt Ion:114 Resp: 229816
Ion Ratio Lower Upper
114 100
63 27.7 22.6 33.8
88 18.8 15.4 23.0

Manual Integrations
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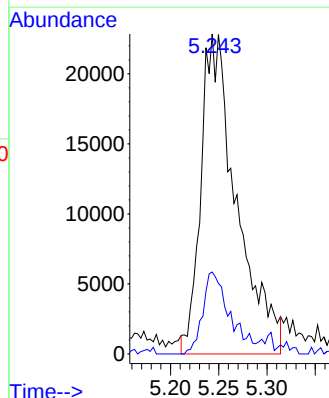
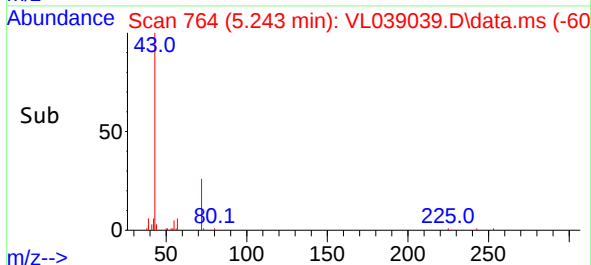
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

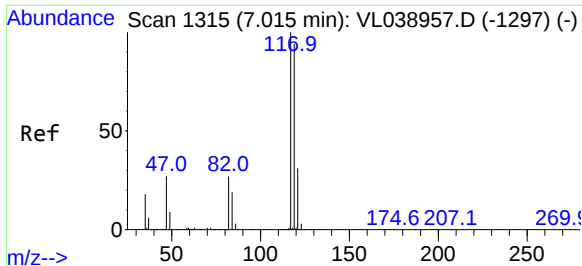


#34
2-Butanone
Concen: 0.501 ppbv m
RT: 5.243 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



Tgt Ion: 43 Resp: 58766
Ion Ratio Lower Upper
43 100
72 22.4 17.8 26.6





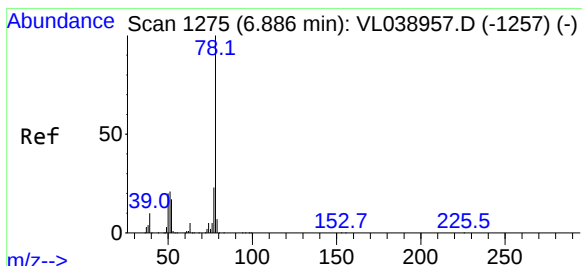
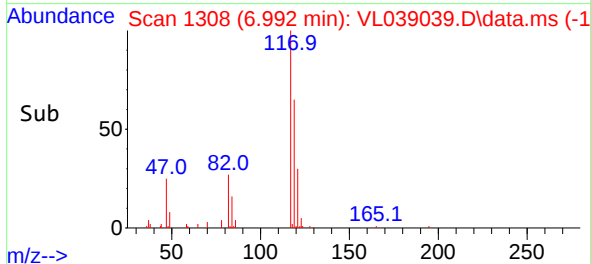
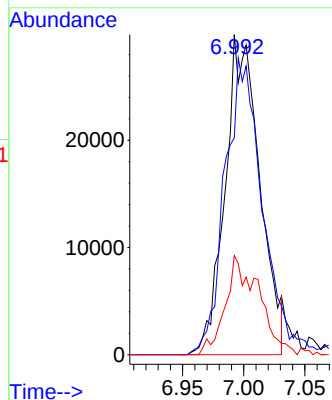
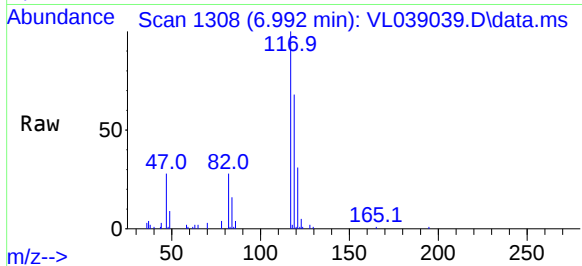
#35
Carbon Tetrachloride
Concen: 0.389 ppbv m
RT: 6.992 min Scan# 117
Delta R.T. -0.023 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:117 Resp: 58978
Ion Ratio Lower Upper
117 100
119 67.7 75.2 112.8
121 30.9 24.6 37.0

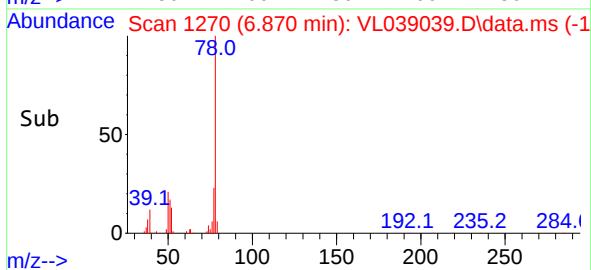
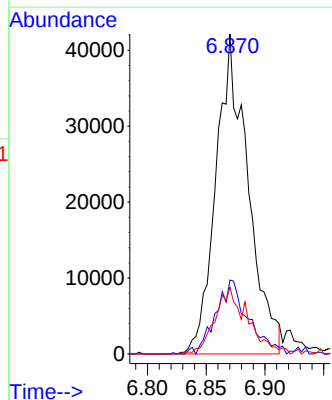
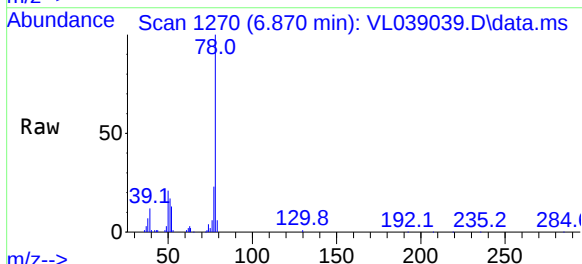
Manual Integrations
APPROVED

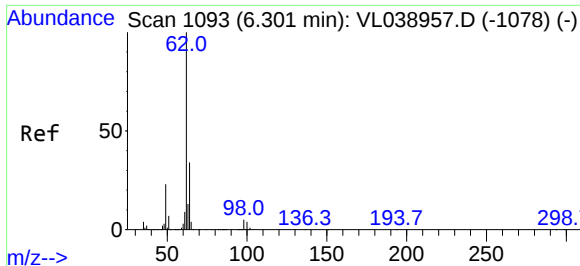
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#36
Benzene
Concen: 0.406 ppbv m
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 78 Resp: 79796
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0
50 20.8 15.6 23.4





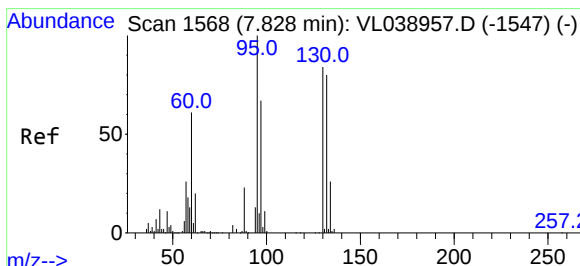
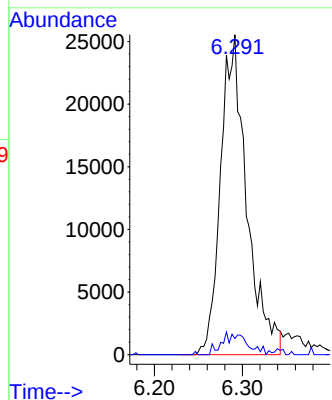
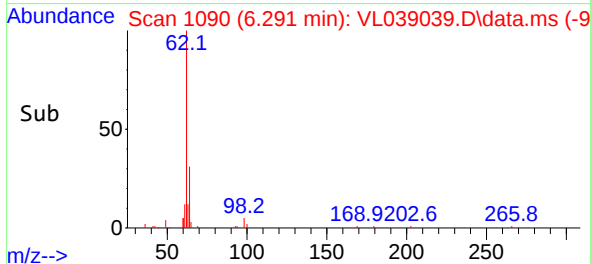
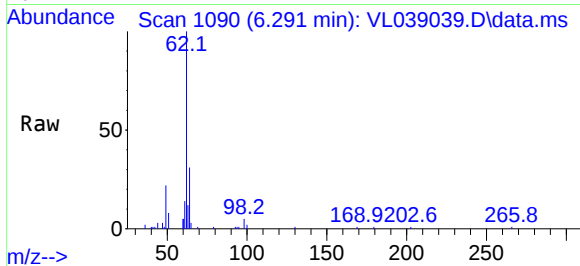
#37
1,2-Dichloroethane
Concen: 0.432 ppbv
RT: 6.291 min Scan# 1090
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 62 Resp: 52550
Ion Ratio Lower Upper
62 100
98 6.5 4.5 6.7

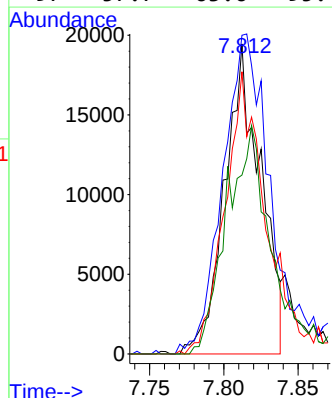
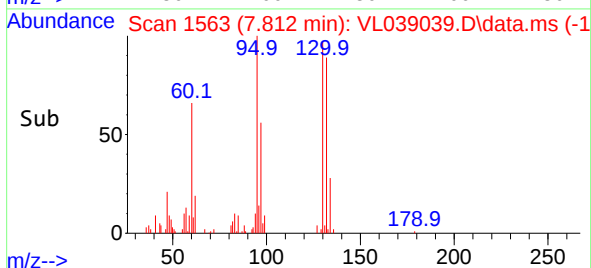
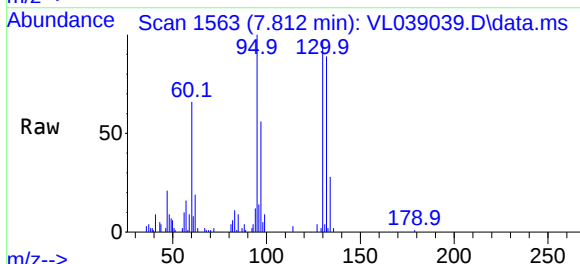
Manual Integrations
APPROVED

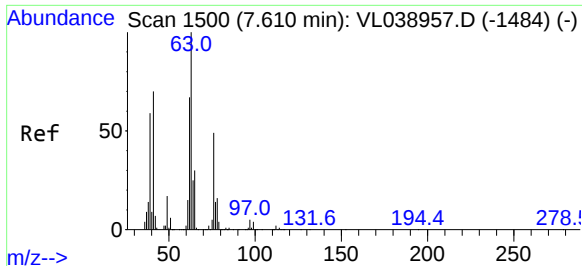
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#38
Trichloroethene
Concen: 0.376 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

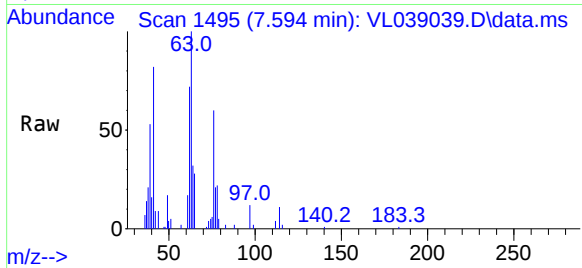
Tgt Ion:130 Resp: 32853
Ion Ratio Lower Upper
130 100
95 99.6 94.8 142.2
132 91.8 75.8 113.8
97 57.7 63.6 95.4#





#39
1,2-Dichloropropane
Concen: 0.432 ppbv m
RT: 7.594 min Scan# 1495
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

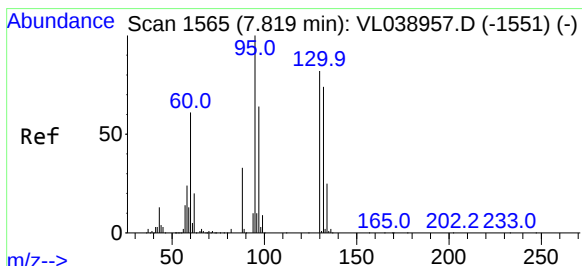
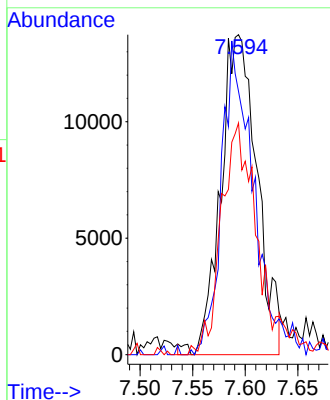
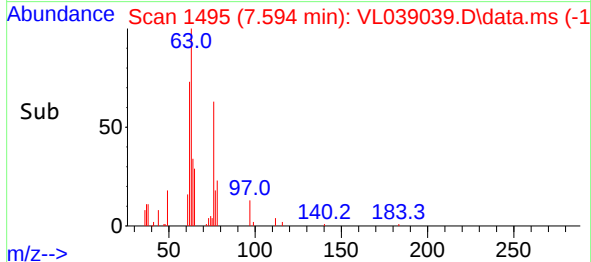
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



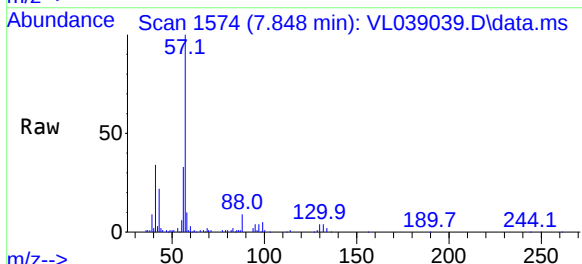
Tgt Ion: 63 Resp: 3305
Ion Ratio Lower Upper
63 100
41 82.3 55.9 83.9
62 72.4 53.8 80.6

Manual Integrations
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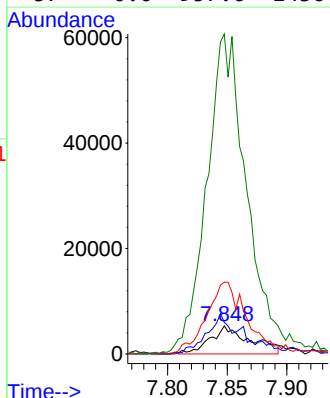
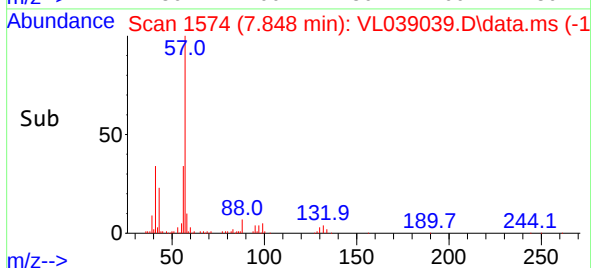
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

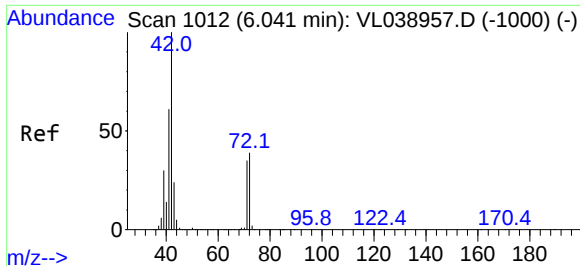


#40
1,4-Dioxane
Concen: 0.450 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. 0.029 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



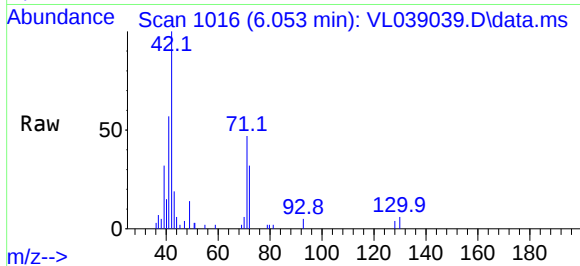
Tgt Ion: 88 Resp: 12371
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 0.380 ppbv m
RT: 6.053 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

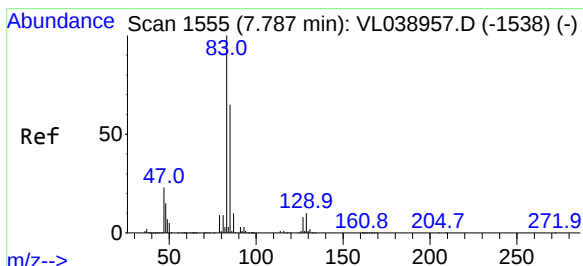
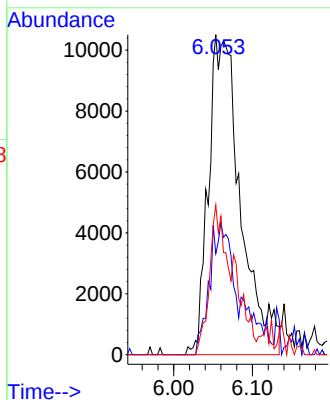
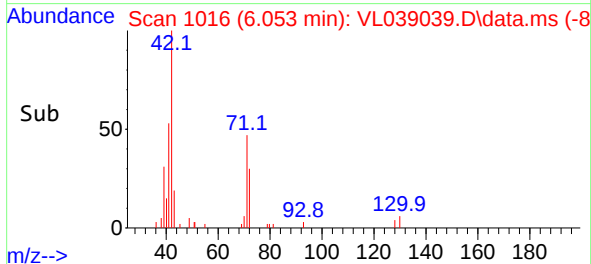
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 42 Resp: 29929
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6
71 34.8 30.6 45.8

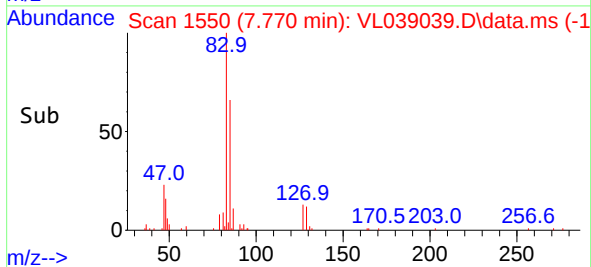
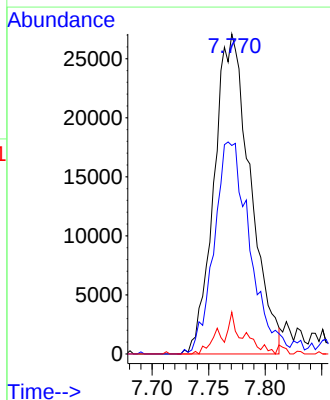
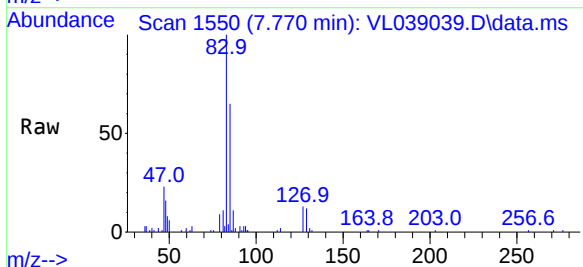
Manual Integrations
APPROVED

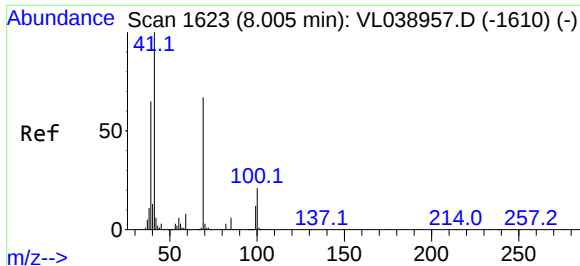
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#42
Bromodichloromethane
Concen: 0.362 ppbv m
RT: 7.770 min Scan# 1550
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion: 83 Resp: 60251
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0
127 13.1 6.0 9.0#





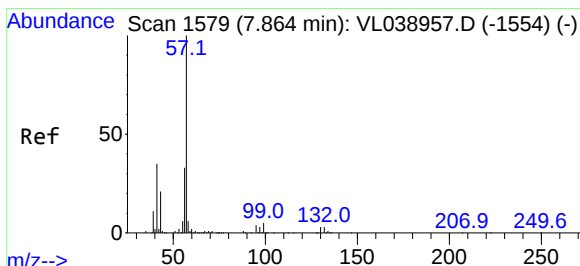
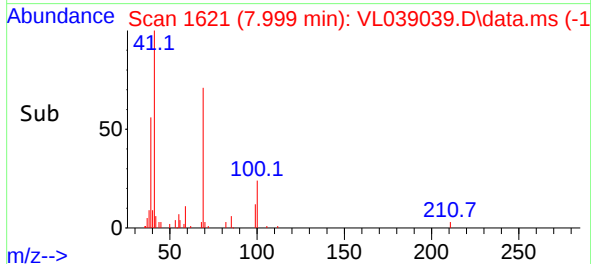
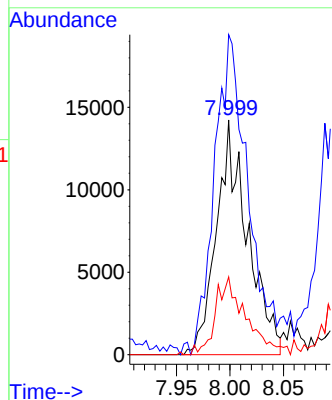
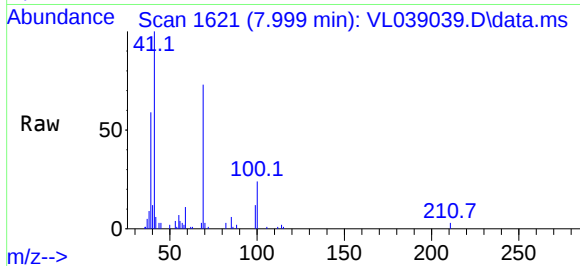
#43
Methyl Methacrylate
Concen: 0.360 ppbv m
RT: 7.999 min Scan# 1623
Delta R.T. -0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 69 Resp: 2873
Ion Ratio Lower Upper
69 100
41 152.9 121.9 182.9
100 33.5 24.6 36.8

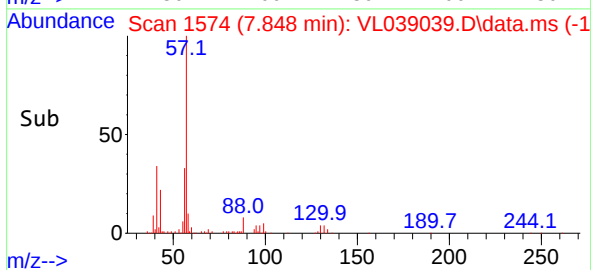
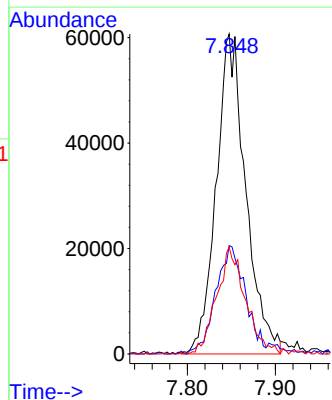
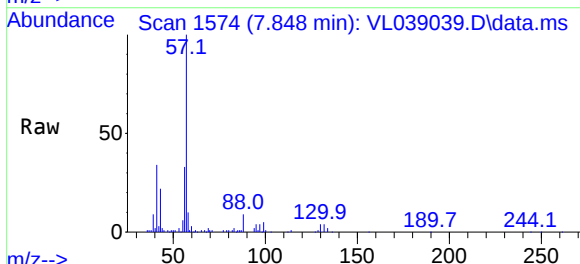
Manual Integrations
APPROVED

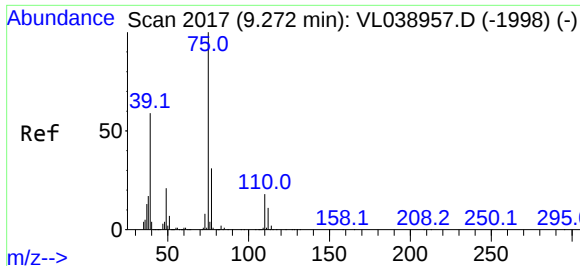
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#44
2,2,4-Trimethylpentane
Concen: 0.410 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

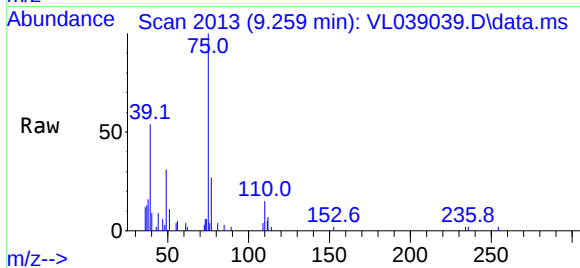
Tgt Ion: 57 Resp: 141503
Ion Ratio Lower Upper
57 100
41 35.7 26.3 39.5
56 33.1 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 0.243 ppbv m
RT: 9.259 min Scan# 2017
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

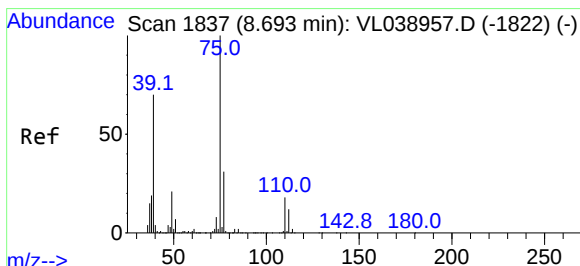
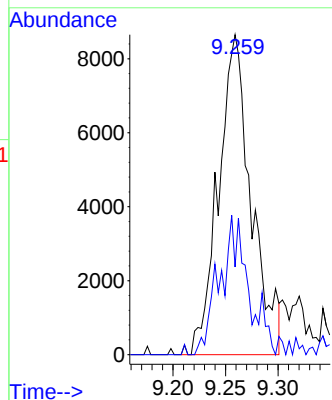
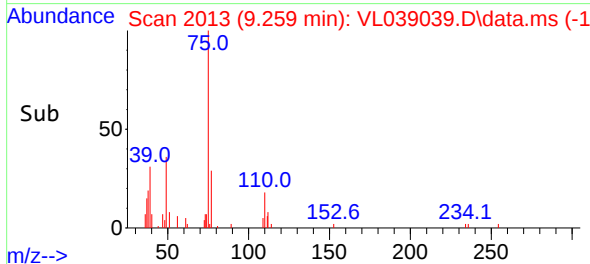
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



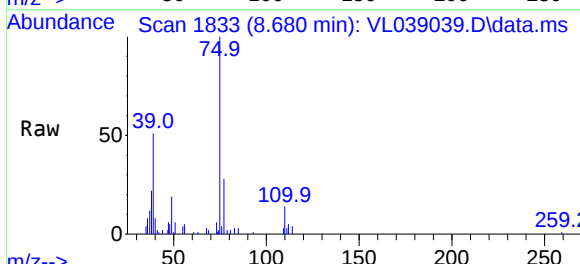
Tgt Ion: 75 Resp: 18775
Ion Ratio Lower Upper
75 100
77 27.4 24.6 37.0

Manual Integrations
APPROVED

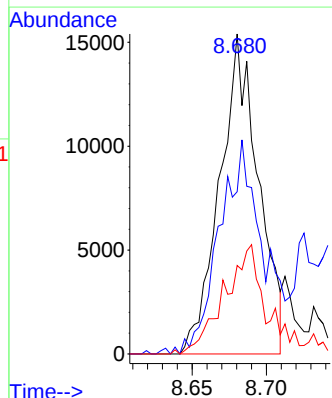
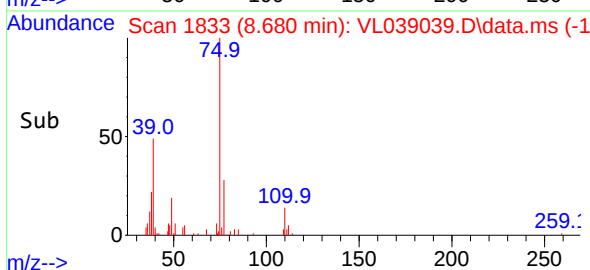
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

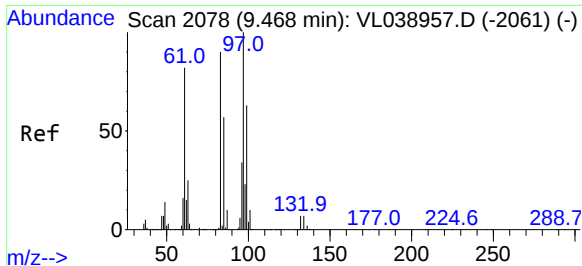


#46
cis-1,3-Dichloropropene
Concen: 0.272 ppbv
RT: 8.680 min Scan# 1833
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



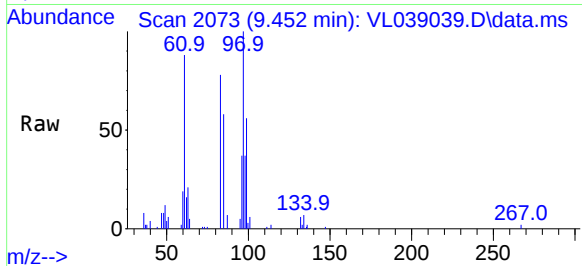
Tgt Ion: 75 Resp: 27872
Ion Ratio Lower Upper
75 100
39 50.7 55.8 83.6#
77 27.7 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 0.408 ppbv m
RT: 9.452 min Scan# 2073
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

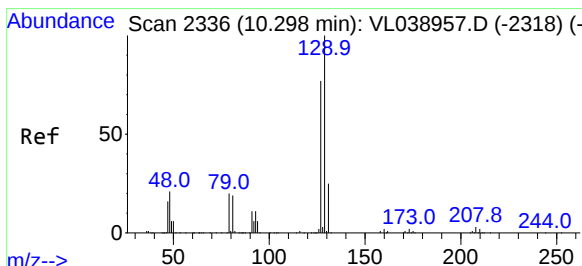
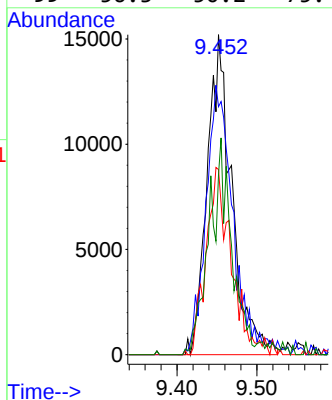
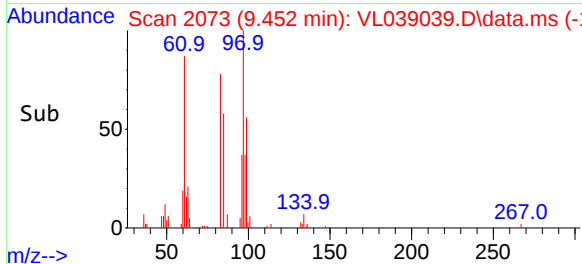
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 97 Resp: 32468
Ion Ratio Lower Upper
97 100
83 77.5 72.0 108.0
85 57.8 45.7 68.5
99 56.3 50.2 75.4

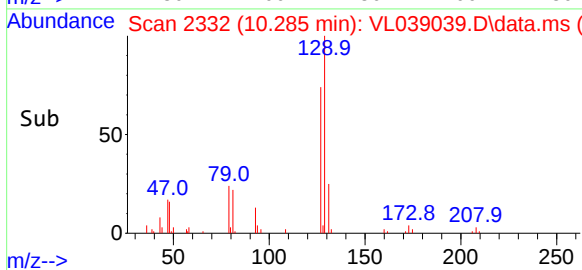
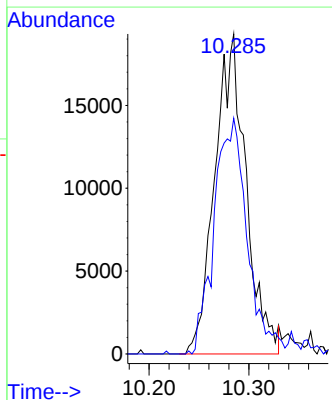
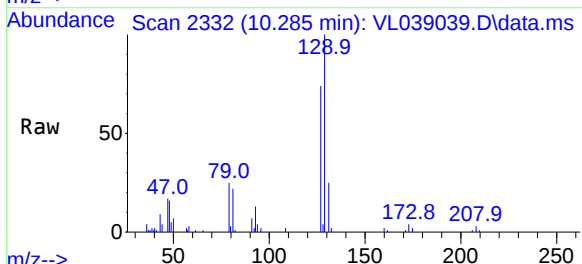
Manual Integrations
APPROVED

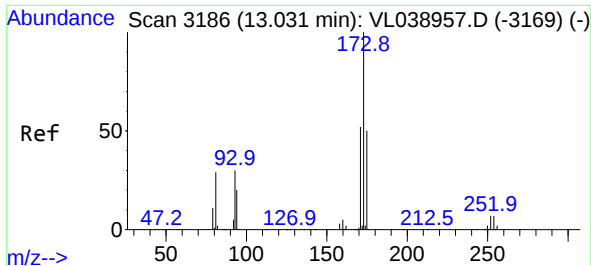
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#48
Dibromochloromethane
Concen: 0.323 ppbv m
RT: 10.285 min Scan# 2332
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion:129 Resp: 41829
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#





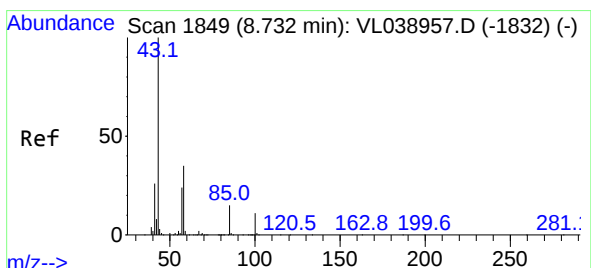
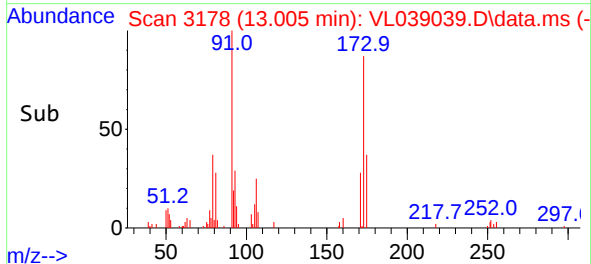
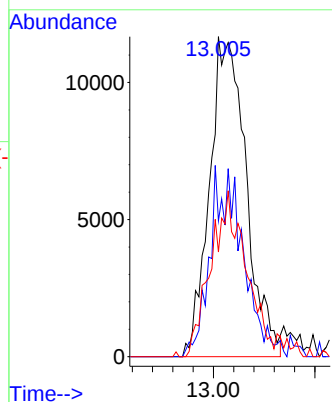
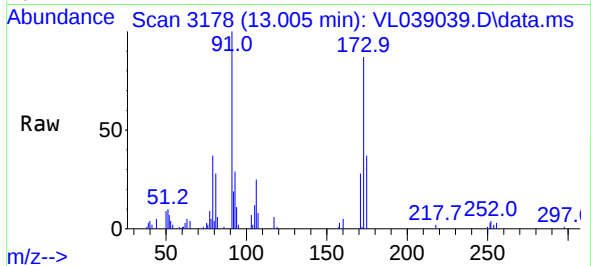
#49
Bromoform
Concen: 0.296 ppbv m
RT: 13.005 min Scan# 3186
Delta R.T. -0.026 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:173 Resp: 2923
Ion Ratio Lower Upper
173 100
175 54.8 41.0 61.6
171 0.0 42.6 64.0

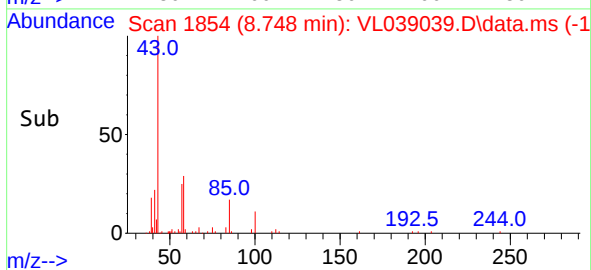
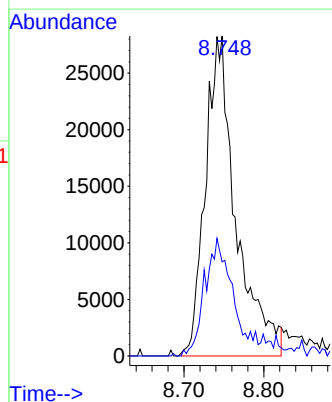
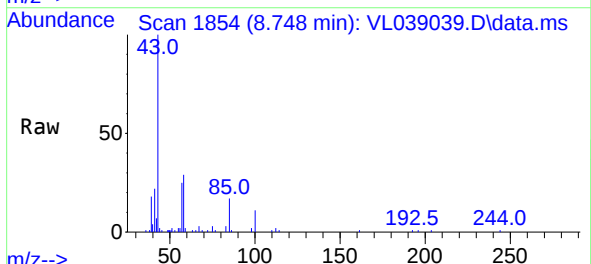
Manual Integrations
APPROVED

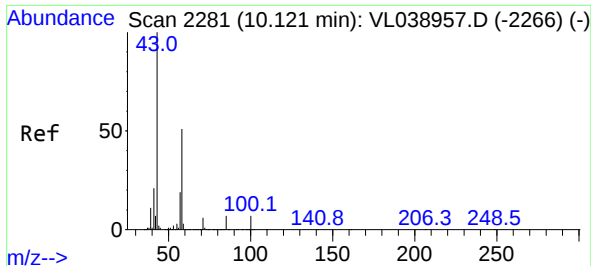
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#50
4-Methyl-2-Pentanone
Concen: 0.365 ppbv m
RT: 8.748 min Scan# 1854
Delta R.T. 0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

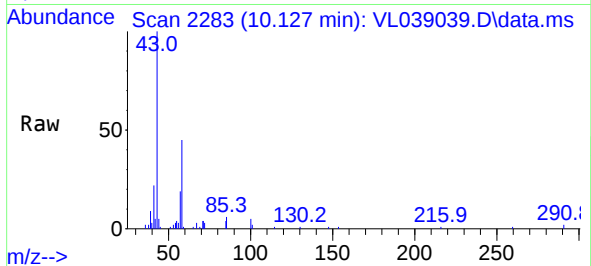
Tgt Ion: 43 Resp: 75140
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6





#51
2-Hexanone
Concen: 0.350 ppbv m
RT: 10.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

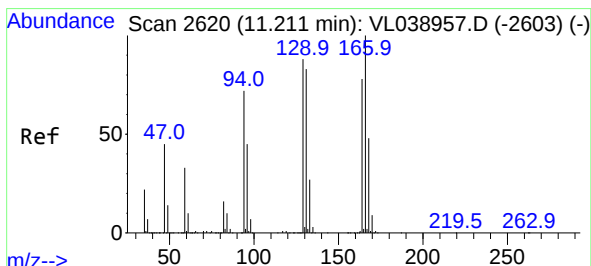
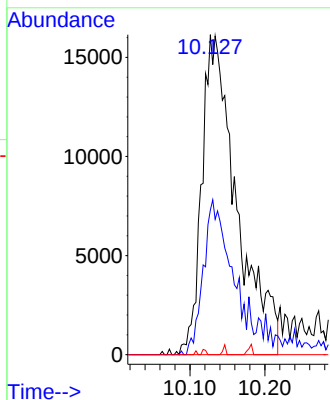
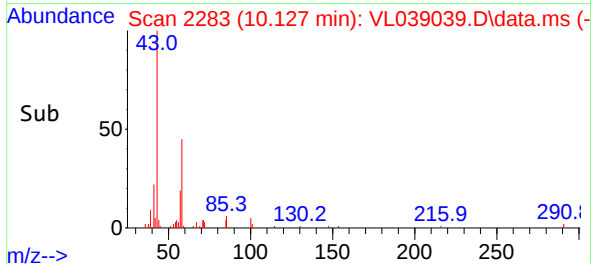
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



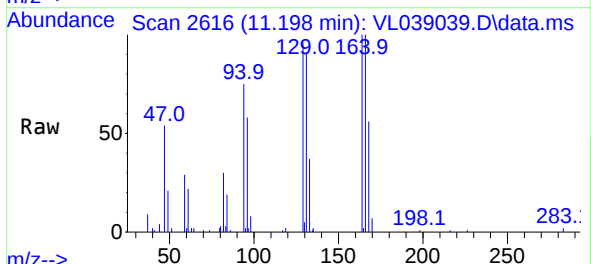
Tgt Ion: 43 Resp: 5250
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9
98 0.0 0.2 0.2

Manual Integrations
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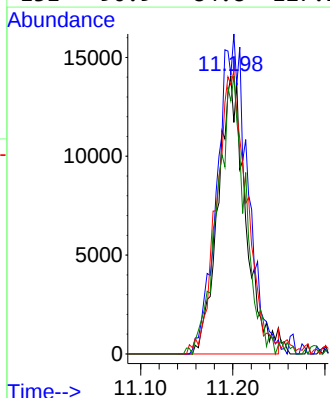
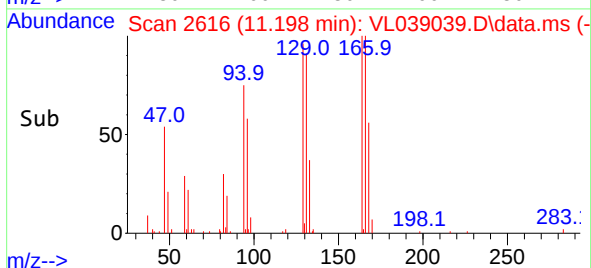
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

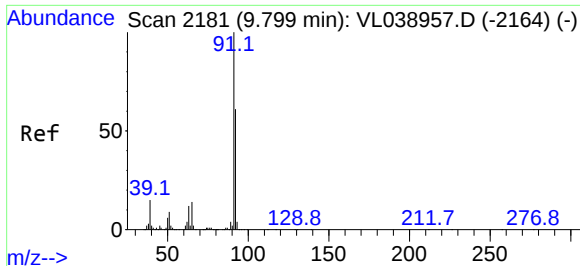


#52
Tetrachloroethene
Concen: 0.420 ppbv m
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



Tgt Ion:164 Resp: 29530
Ion Ratio Lower Upper
164 100
166 100.4 102.5 153.7#
129 96.8 90.1 135.1
131 90.9 84.8 127.2





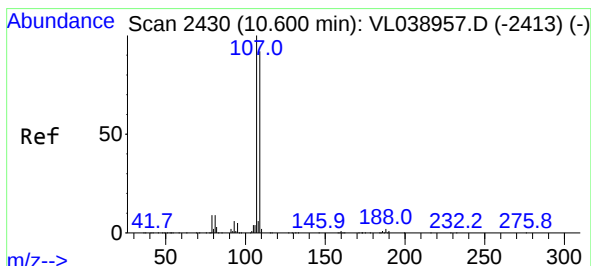
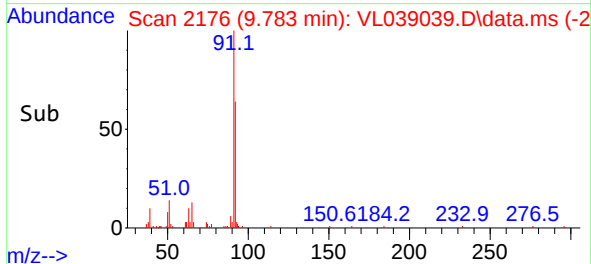
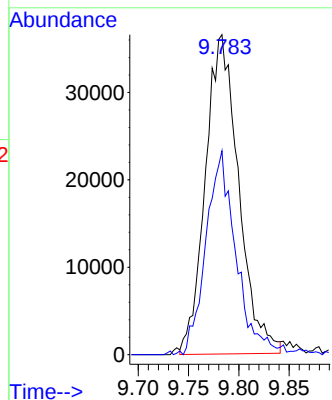
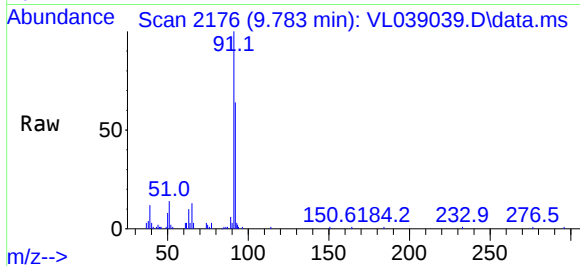
#53
Toluene
Concen: 0.382 ppbv
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 8418
Ion Ratio Lower Upper
91 100
92 58.6 48.2 72.2

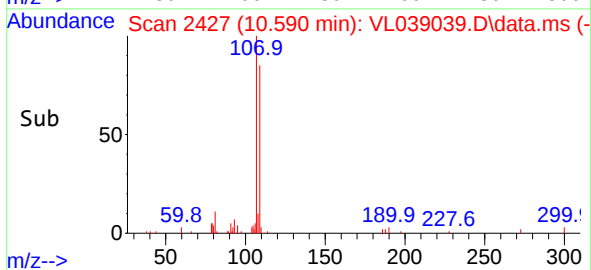
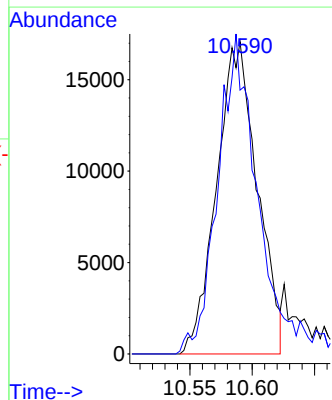
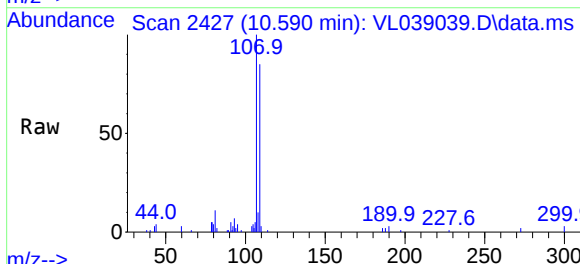
Manual Integrations
APPROVED

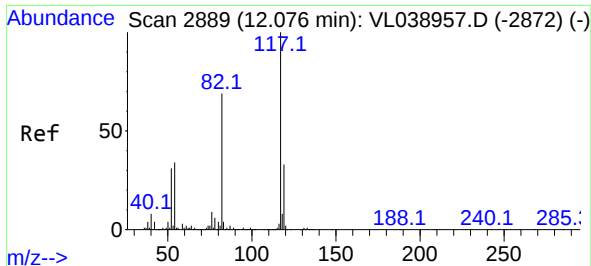
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
1,2-Dibromoethane
Concen: 0.357 ppbv
RT: 10.590 min Scan# 2427
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

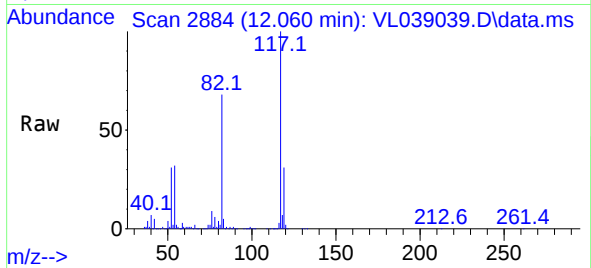
Tgt Ion:107 Resp: 38660
Ion Ratio Lower Upper
107 100
109 83.6 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 2884
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

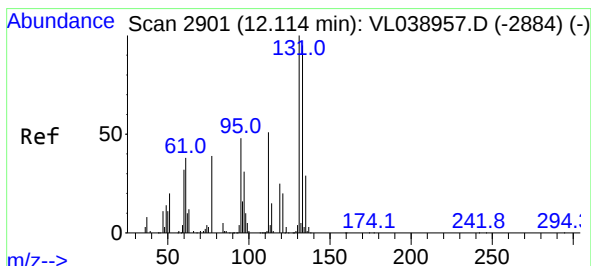
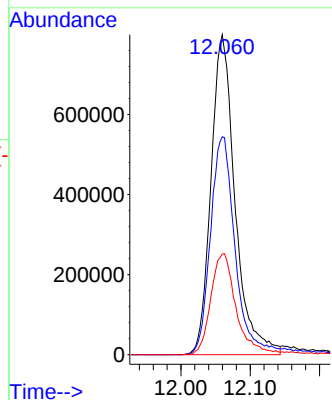
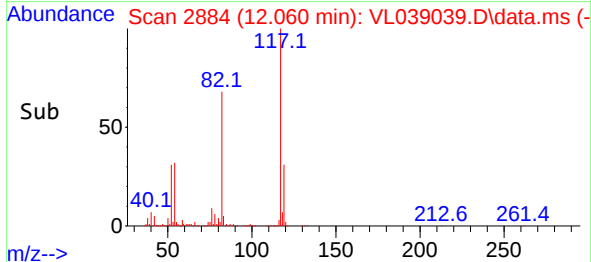
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



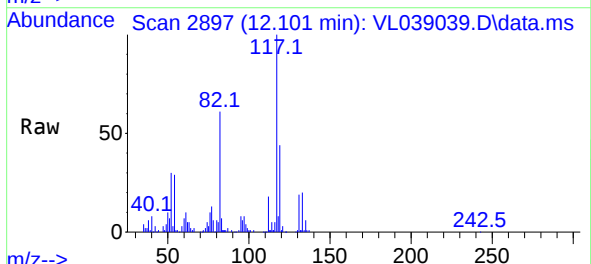
Tgt Ion:117 Resp: 1927810
Ion Ratio Lower Upper
117 100
82 71.8 57.0 85.6
119 34.3 27.2 40.8

Manual Integrations
APPROVED

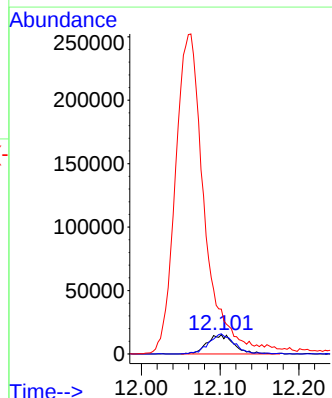
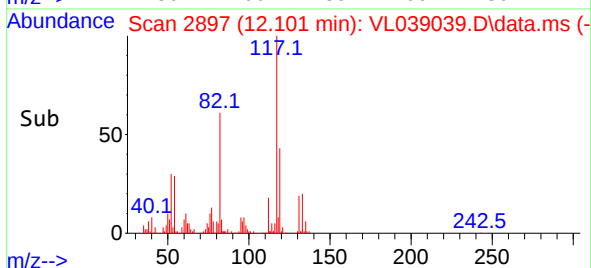
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

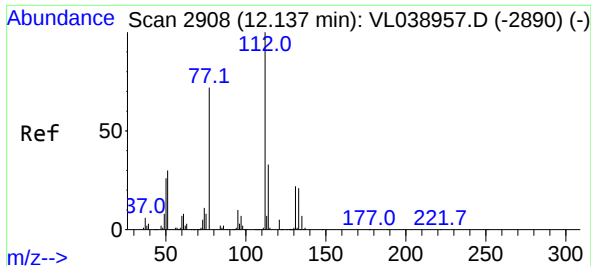


#56
1,1,1,2-Tetrachloroethane
Concen: 0.424 ppbv m
RT: 12.101 min Scan# 2897
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



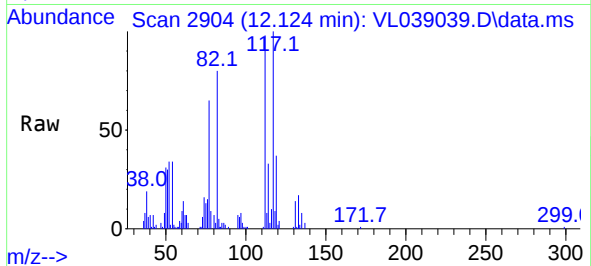
Tgt Ion:131 Resp: 35895
Ion Ratio Lower Upper
131 100
133 101.2 76.9 115.3
119 0.0 47.4 71.0#





#57
Chlorobenzene
Concen: 0.465 ppbv m
RT: 12.124 min Scan# 2904
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

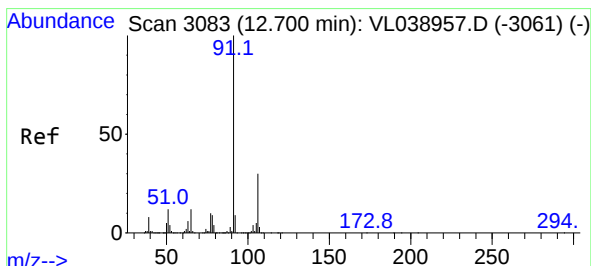
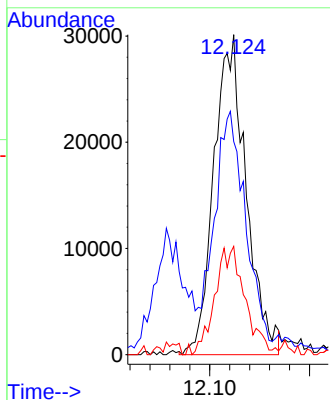
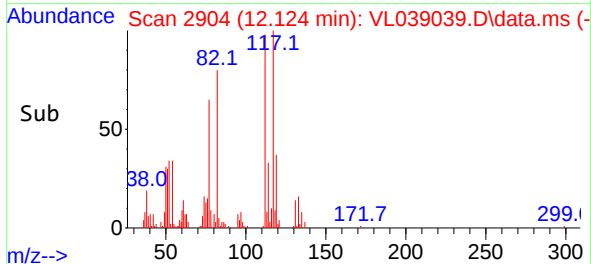
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



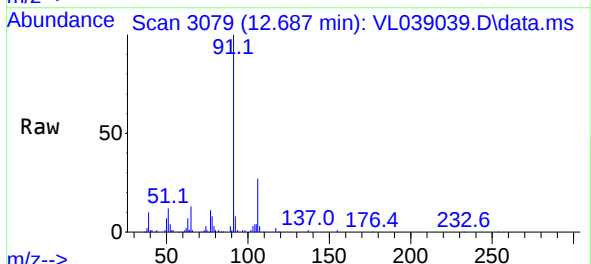
Tgt Ion:112 Resp: 67262
Ion Ratio Lower Upper
112 100
77 66.6 57.7 86.5
114 33.9 30.1 36.7

Manual Integrations
APPROVED

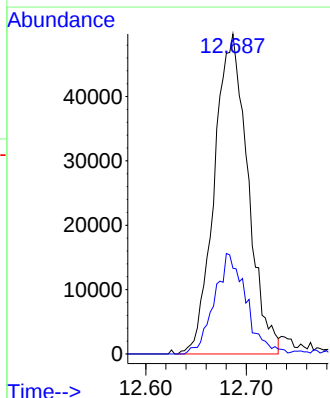
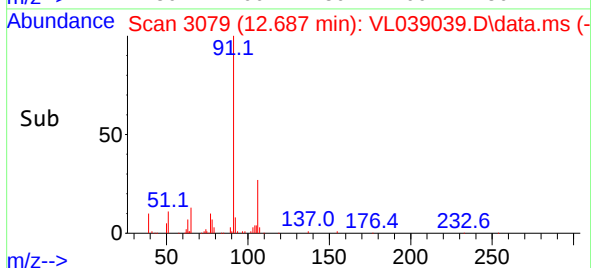
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

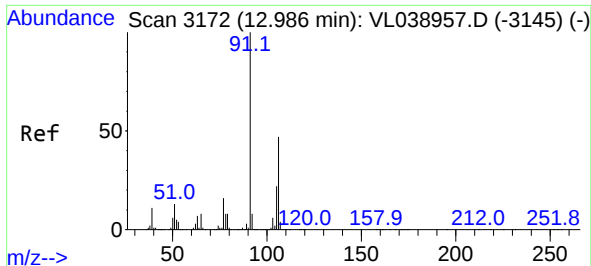


#58
Ethyl Benzene
Concen: 0.415 ppbv
RT: 12.687 min Scan# 3079
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



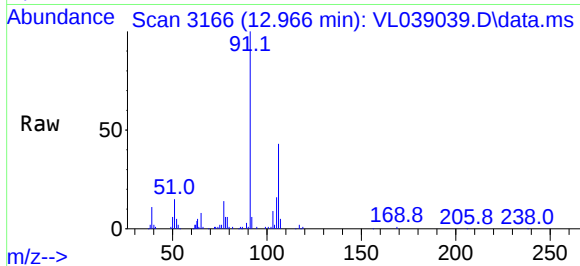
Tgt Ion: 91 Resp: 115069
Ion Ratio Lower Upper
91 100
106 26.8 24.2 36.4





#59
m/p-Xylene
Concen: 0.861 ppbv m
RT: 12.966 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

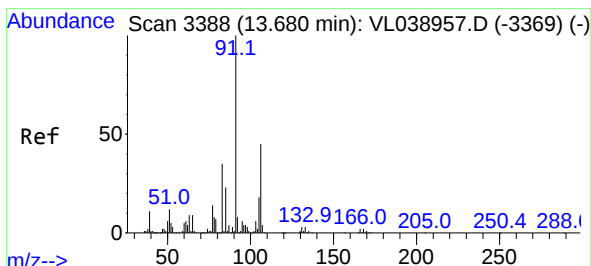
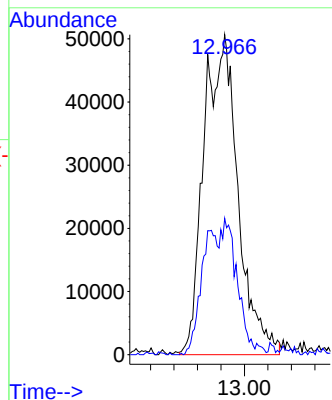
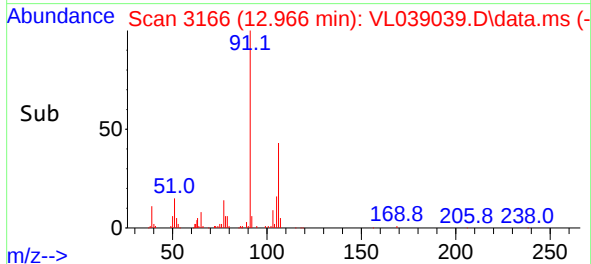
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



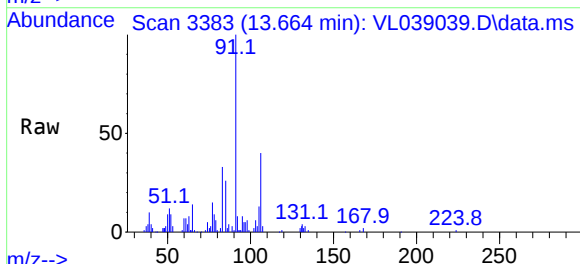
Tgt Ion: 91 Resp: 203908
Ion Ratio Lower Upper
91 100
106 41.1 34.6 52.0

Manual Integrations
APPROVED

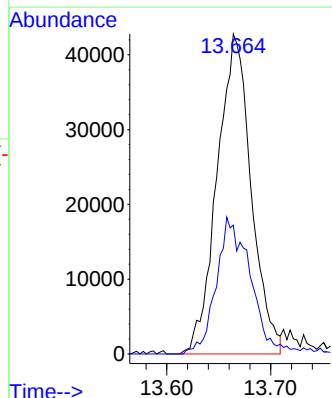
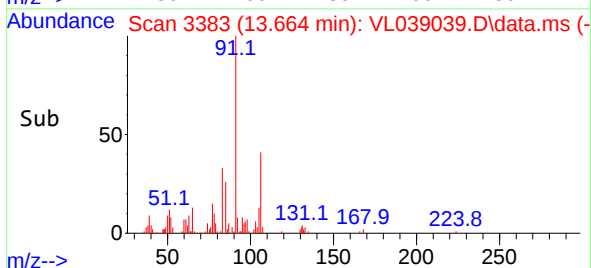
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

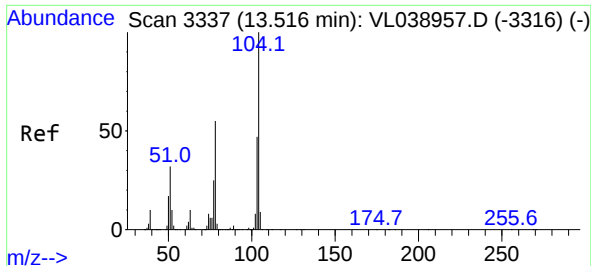


#60
o-Xylene
Concen: 0.437 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



Tgt Ion: 91 Resp: 97438
Ion Ratio Lower Upper
91 100
106 43.9 22.2 66.6





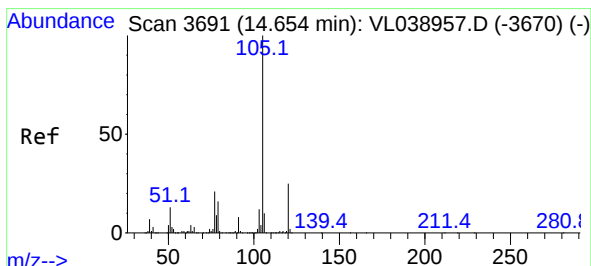
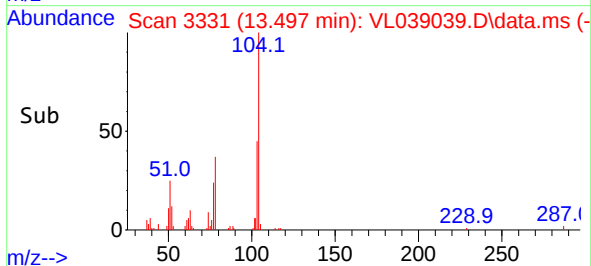
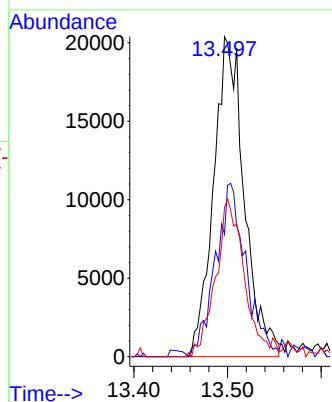
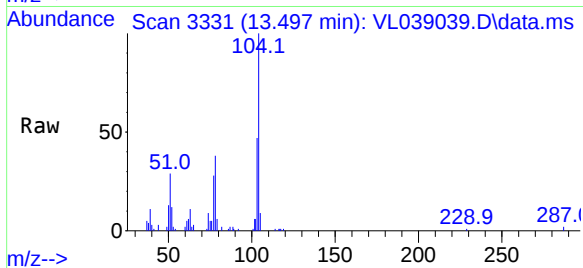
#61
Styrene
Concen: 0.389 ppbv m
RT: 13.497 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:104 Resp: 4633
Ion Ratio Lower Upper
104 100
78 57.7 46.4 69.6
103 48.6 39.3 58.9

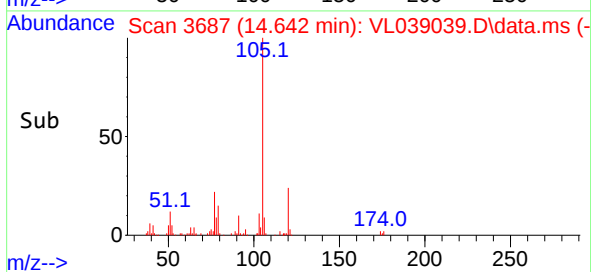
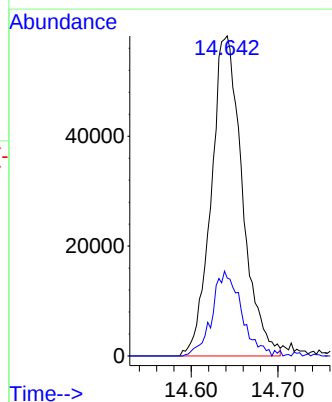
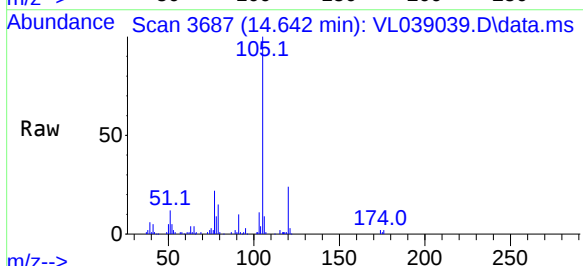
Manual Integrations
APPROVED

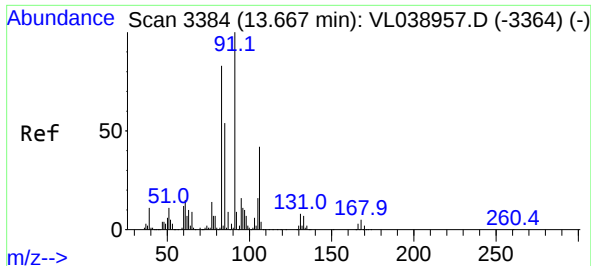
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#62
Isopropylbenzene
Concen: 0.446 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. -0.012 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

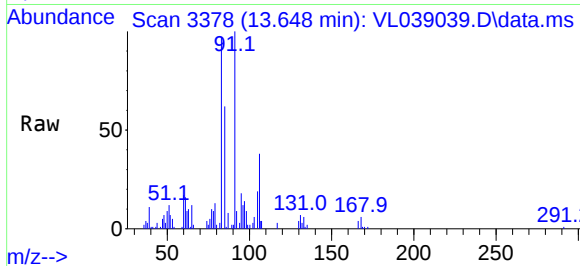
Tgt Ion:105 Resp: 145289
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 0.435 ppbv m
RT: 13.648 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

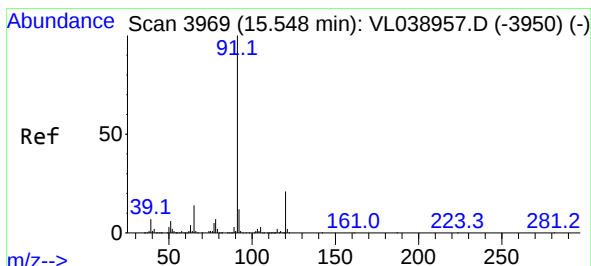
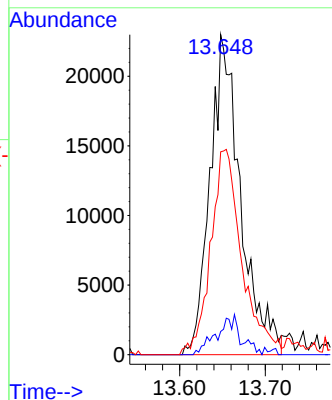
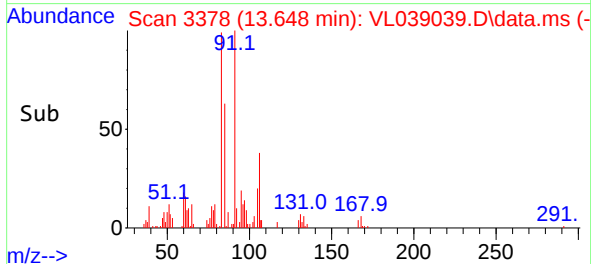
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



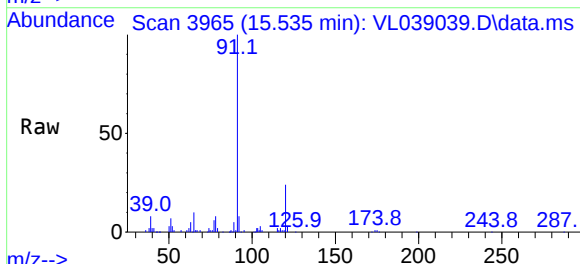
Tgt Ion: 83 Resp: 57059
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7
85 65.1 32.8 98.3

Manual Integrations
APPROVED

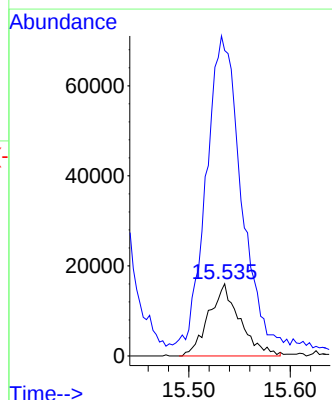
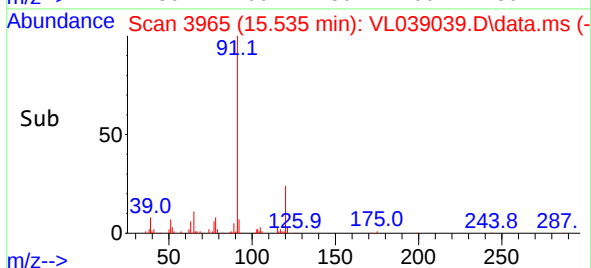
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

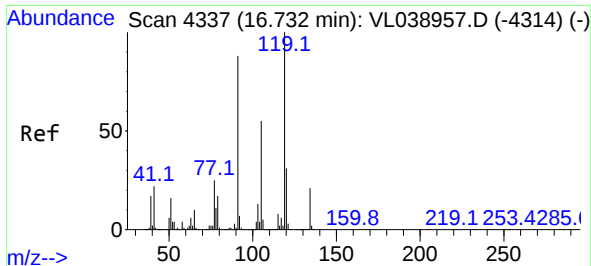


#64
n-propylbenzene
Concen: 0.432 ppbv m
RT: 15.535 min Scan# 3965
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



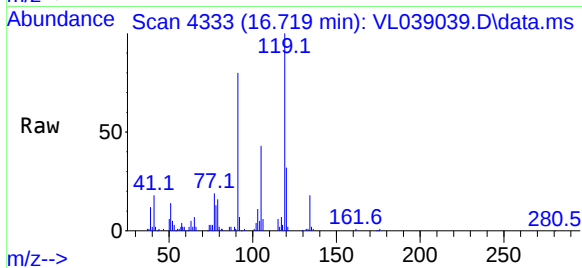
Tgt Ion:120 Resp: 34062
Ion Ratio Lower Upper
120 100
91 526.9 400.6 601.0





#65
tert-Butylbenzene
Concen: 0.438 ppbv m
RT: 16.719 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

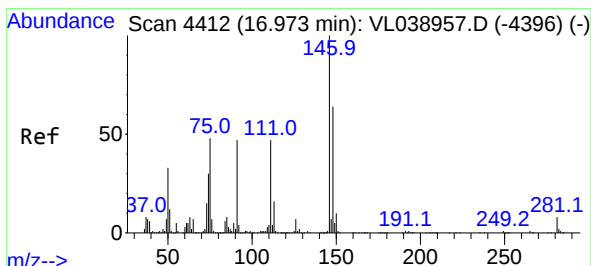
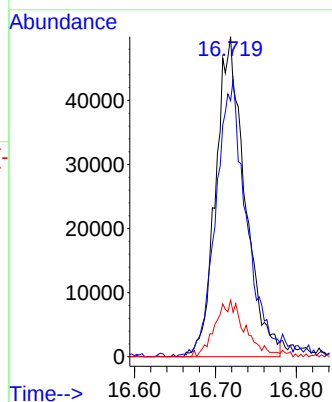
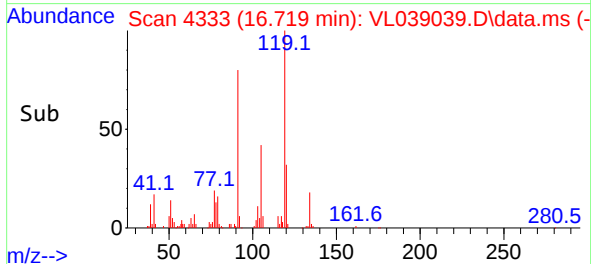
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



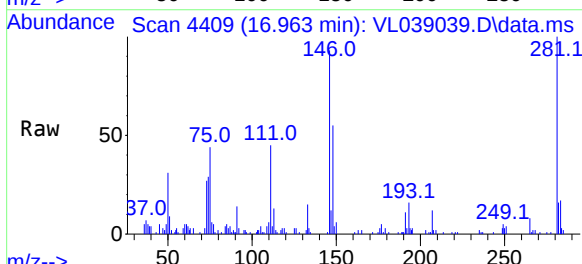
Tgt Ion: 119 Resp: 12524
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2
134 0.0 15.8 23.8

Manual Integrations
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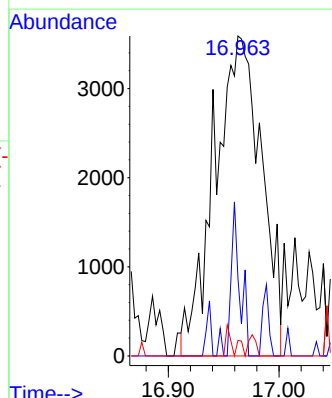
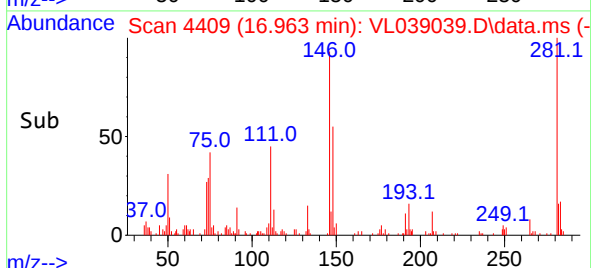
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

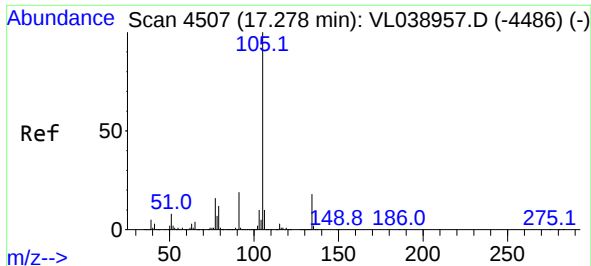


#66
Benzyl Chloride
Concen: 0.284 ppbv m
RT: 16.963 min Scan# 4409
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



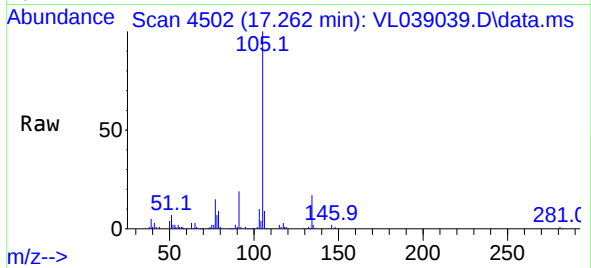
Tgt Ion: 91 Resp: 10607
Ion Ratio Lower Upper
91 100
126 0.0 11.8 17.6#
128 2.6 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.403 ppbv
 RT: 17.262 min Scan# 418
 Delta R.T. -0.016 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

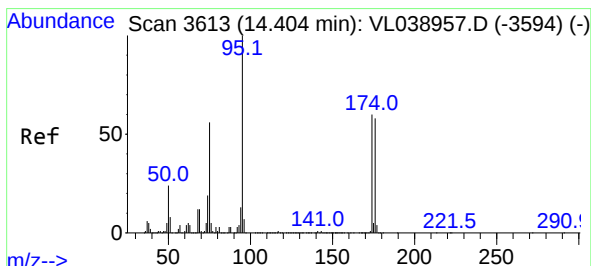
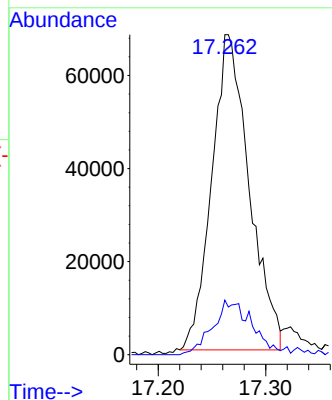
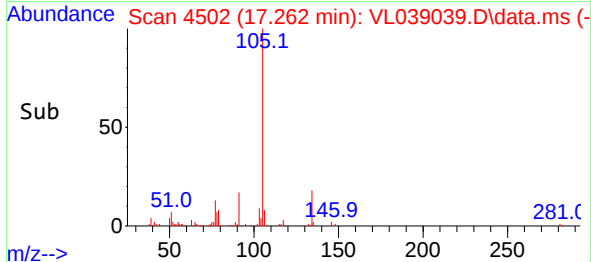
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



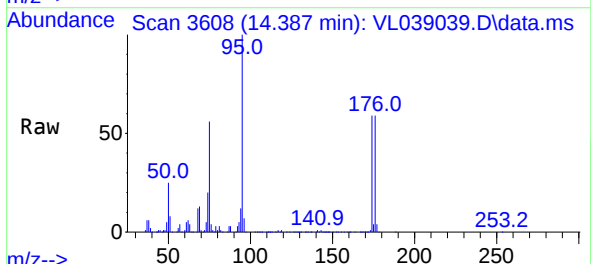
Tgt Ion:105 Resp: 164418
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.2 21.4

Manual Integrations
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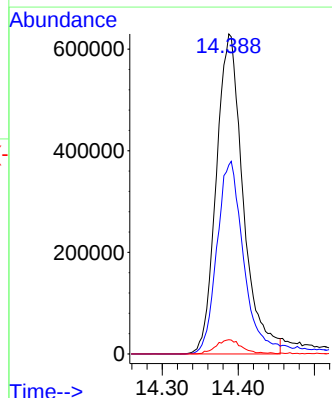
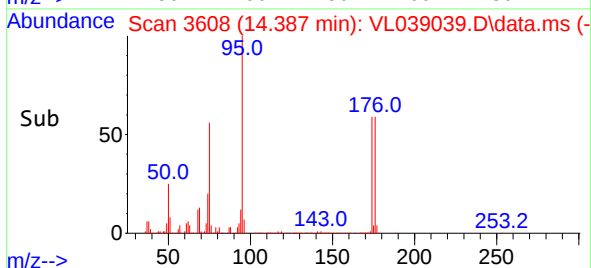
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

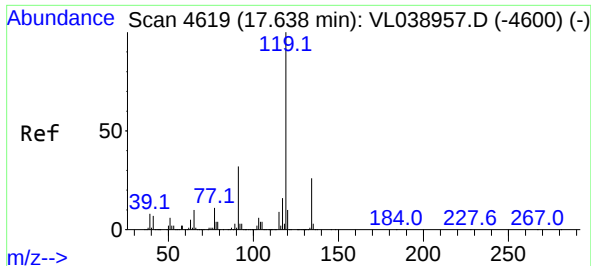


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.100 ppbv
 RT: 14.387 min Scan# 3608
 Delta R.T. -0.016 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19



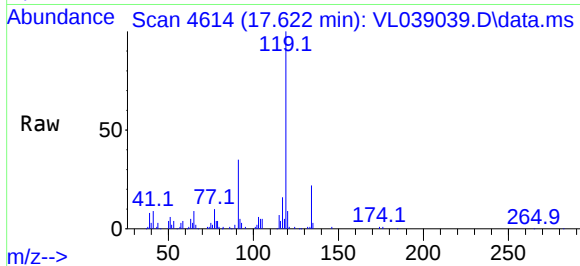
Tgt Ion: 95 Resp: 1541943
 Ion Ratio Lower Upper
 95 100
 174 64.1 50.8 76.2
 175 4.5 3.8 5.6





#69
p-Isopropyltoluene
Concen: 0.427 ppbv m
RT: 17.622 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

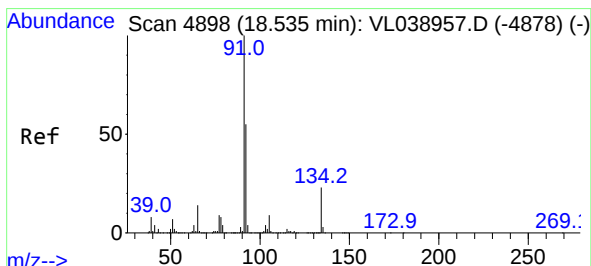
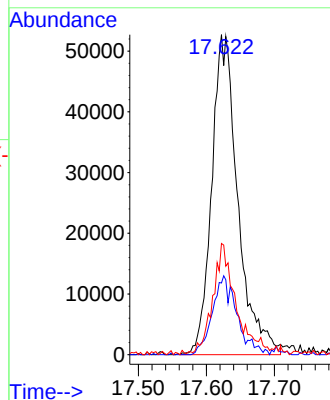
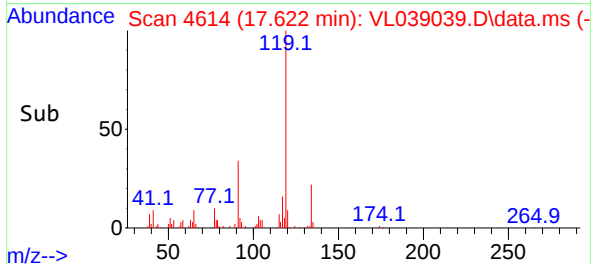
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



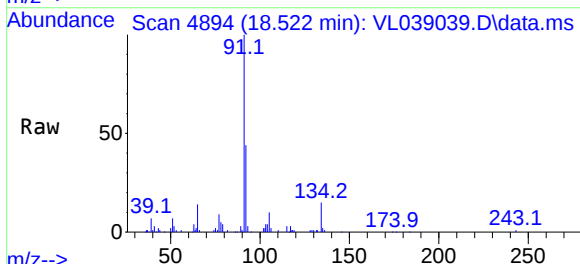
Tgt Ion: 119 Resp: 140907
Ion Ratio Lower Upper
119 100
134 0.0 20.0 30.0
91 32.0 24.8 37.2

Manual Integrations
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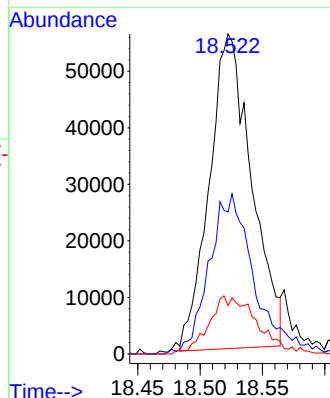
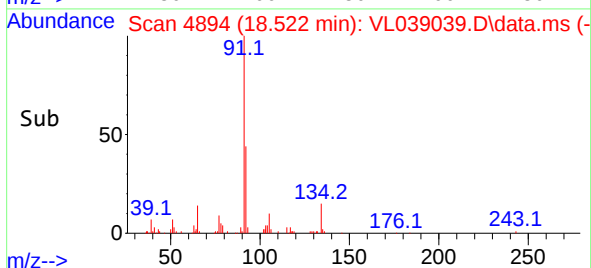
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

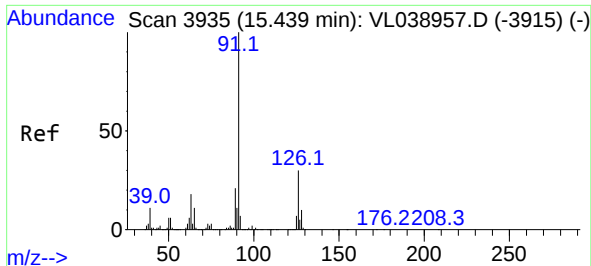


#70
n-Butylbenzene
Concen: 0.377 ppbv
RT: 18.522 min Scan# 4894
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



Tgt Ion: 91 Resp: 132053
Ion Ratio Lower Upper
91 100
92 53.6 43.1 64.7
134 21.1 17.0 25.4





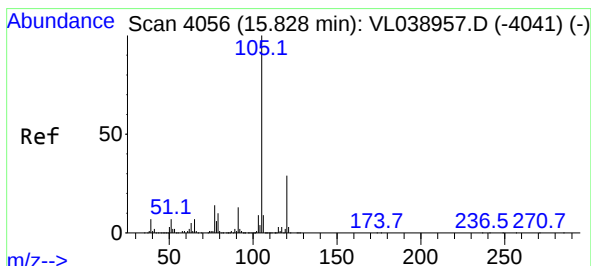
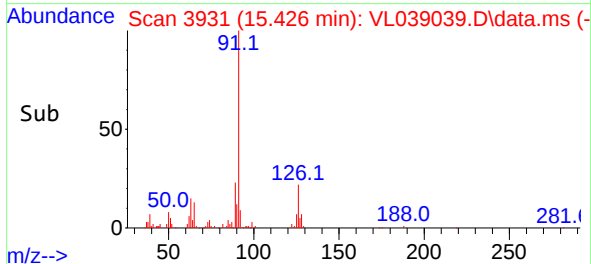
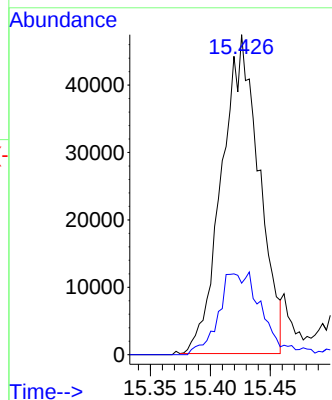
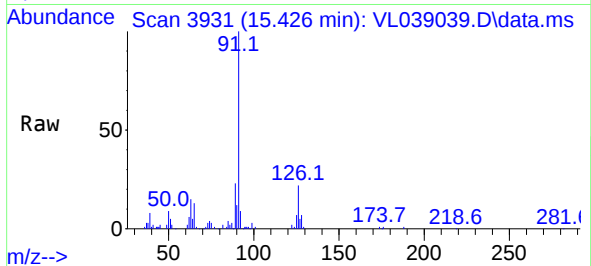
#71
2-Chlorotoluene
Concen: 0.409 ppbv
RT: 15.426 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 102824
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.5

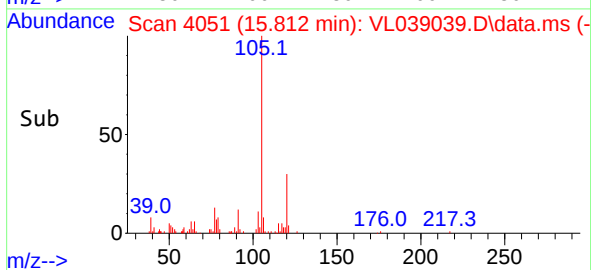
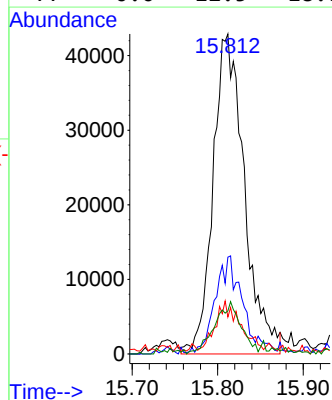
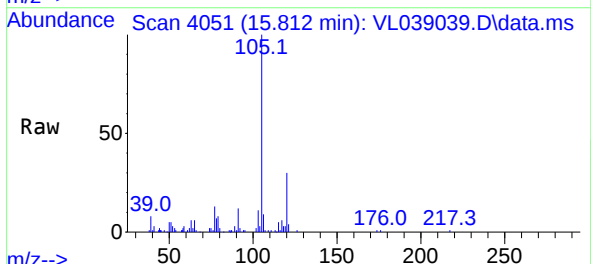
Manual Integrations
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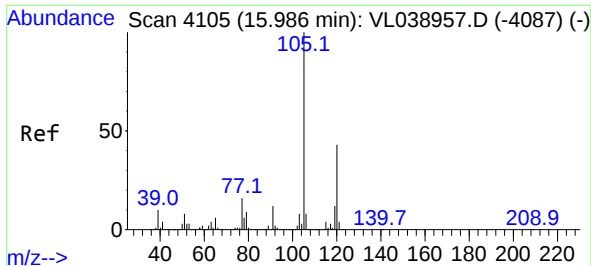
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
4-Ethyltoluene
Concen: 0.428 ppbv m
RT: 15.812 min Scan# 4051
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion:105 Resp: 108767
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 13.4 10.6 16.0
77 0.0 12.5 18.7#





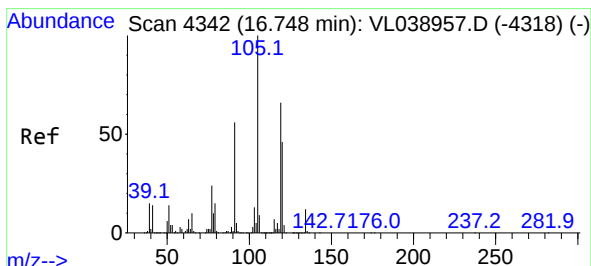
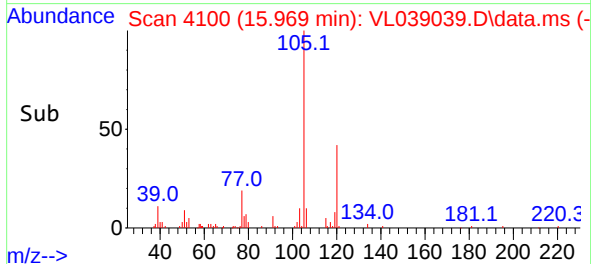
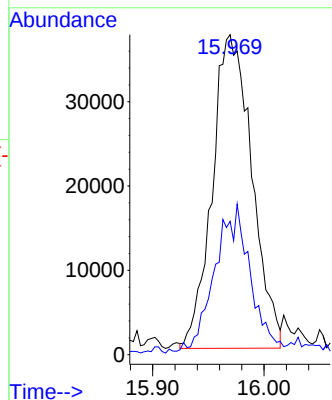
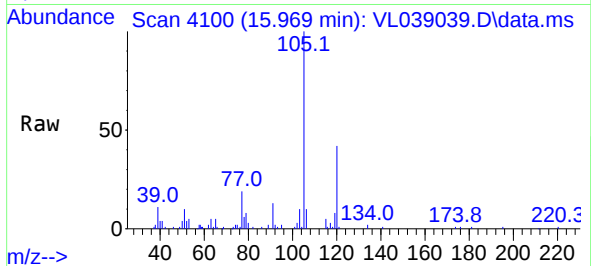
#73
1,3,5-Trimethylbenzene
Concen: 0.403 ppbv
RT: 15.969 min Scan# 4105
Delta R.T. -0.016 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:105 Resp: 92080
Ion Ratio Lower Upper
105 100
120 41.6 34.4 51.6

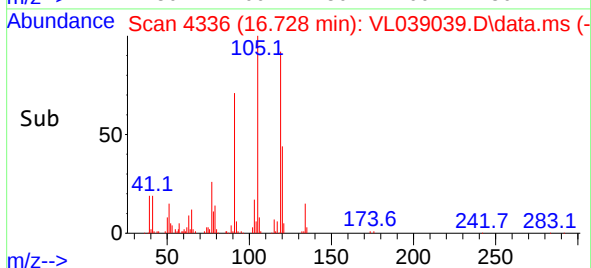
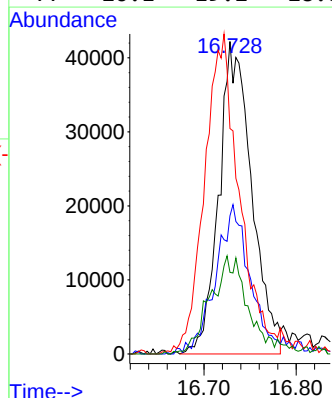
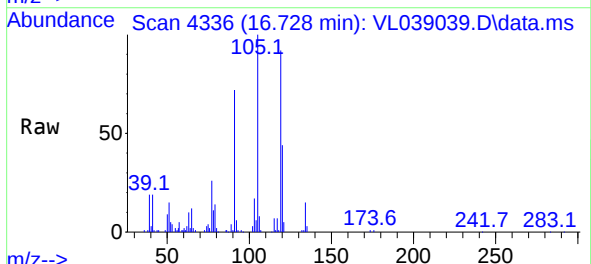
Manual Integrations
APPROVED

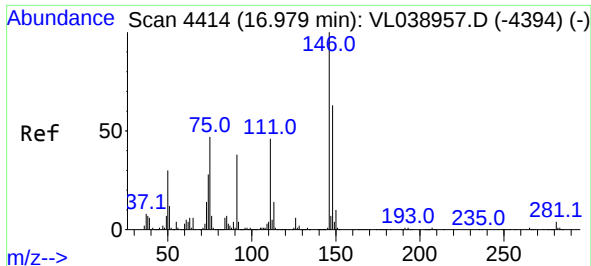
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.416 ppbv m
RT: 16.728 min Scan# 4336
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion:105 Resp: 104123
Ion Ratio Lower Upper
105 100
120 44.2 36.9 55.3
91 72.1 45.0 67.4#
77 26.1 19.2 28.8





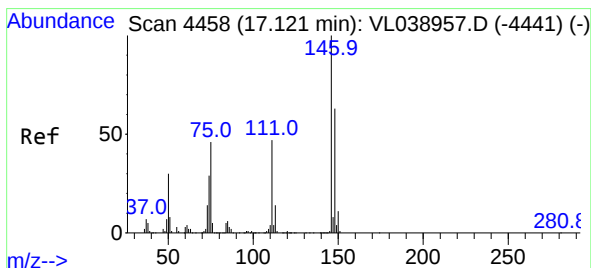
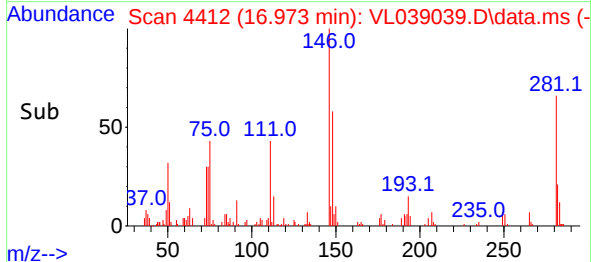
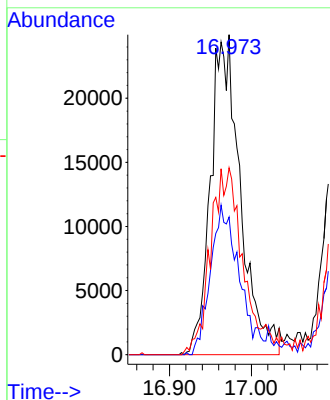
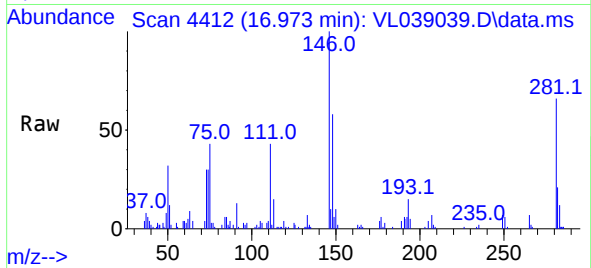
#75
1,3-Dichlorobenzene
Concen: 0.459 ppbv m
RT: 16.973 min Scan# 4412
Delta R.T. -0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 63024
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.2
148 0.0 32.4 97.2

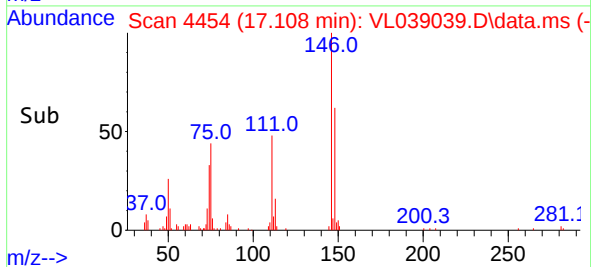
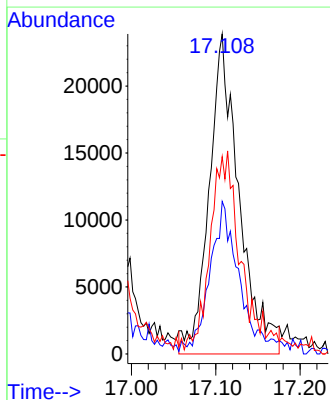
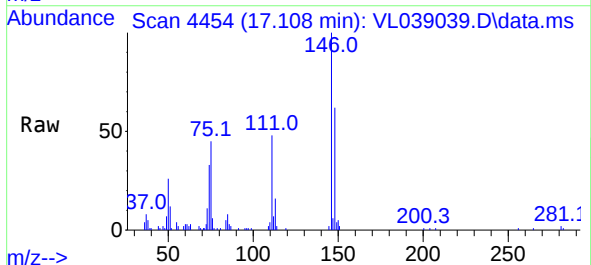
Manual Integrations
APPROVED

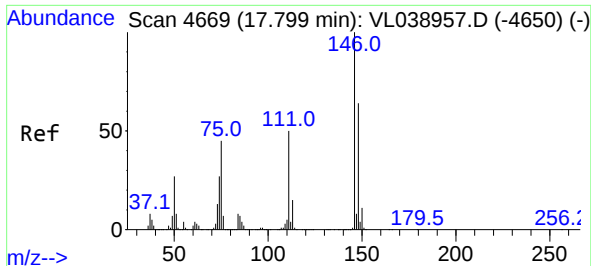
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,4-Dichlorobenzene
Concen: 0.437 ppbv m
RT: 17.108 min Scan# 4454
Delta R.T. -0.013 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Tgt Ion:146 Resp: 58947
Ion Ratio Lower Upper
146 100
111 49.2 23.6 71.0
148 0.0 32.2 96.6





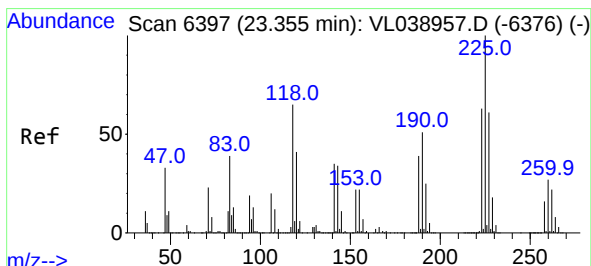
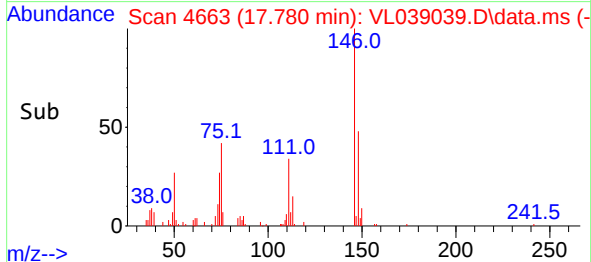
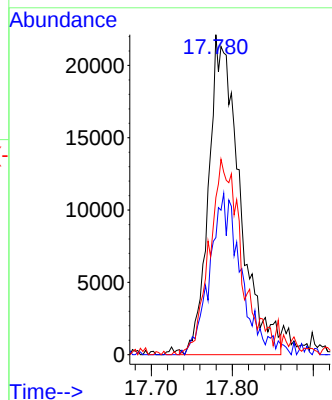
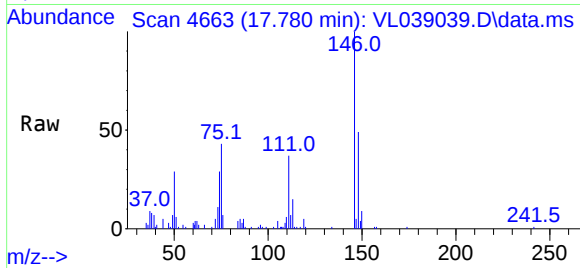
#77
1,2-Dichlorobenzene
Concen: 0.436 ppbv m
RT: 17.780 min Scan# 4663
Delta R.T. -0.019 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 59160
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.9#
148 0.0 32.3 96.9#

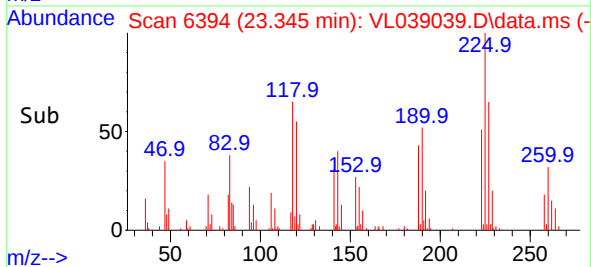
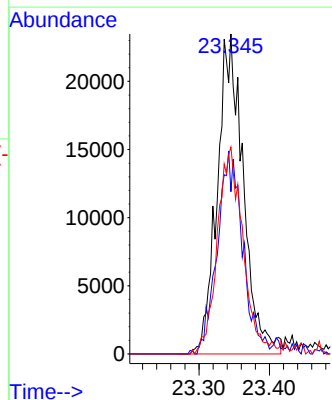
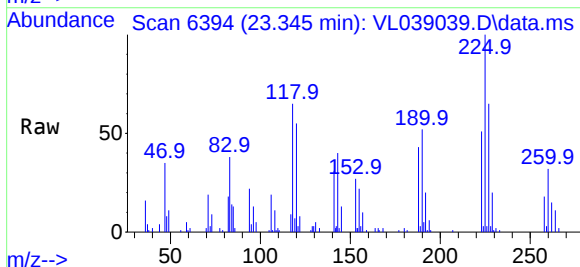
Manual Integrations
APPROVED

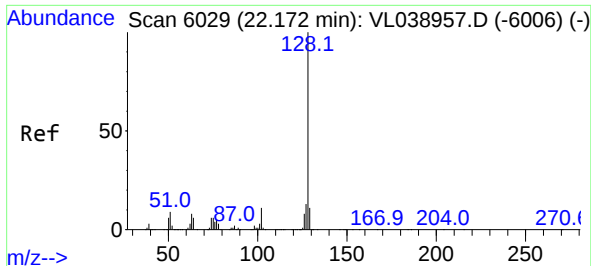
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.483 ppbv m
RT: 23.345 min Scan# 6394
Delta R.T. -0.010 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

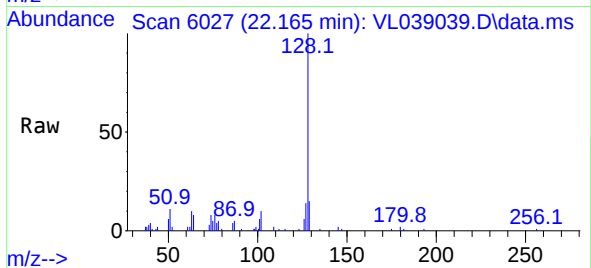
Tgt Ion:225 Resp: 60213
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0#
227 0.0 51.4 77.0#





#79
Naphthalene
Concen: 0.324 ppbv m
RT: 22.165 min Scan# 6027
Delta R.T. -0.006 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19

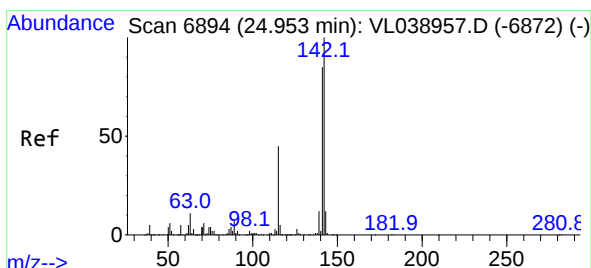
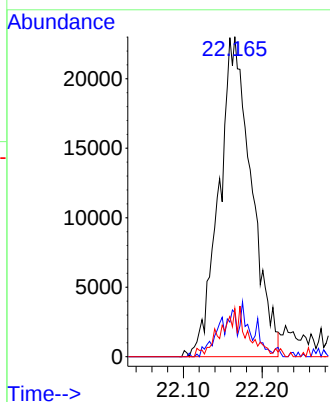
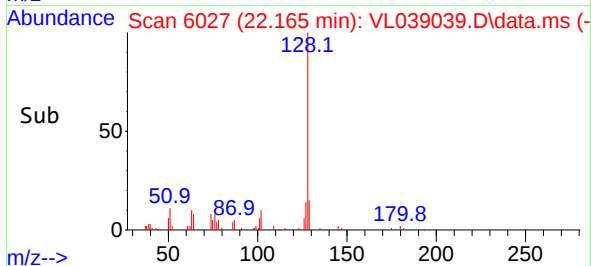
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



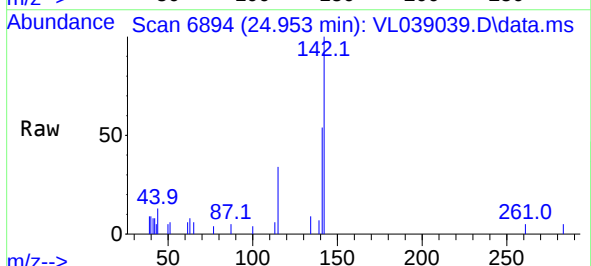
Tgt Ion:128 Resp: 6593
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 15.0 8.9 13.3

Manual Integrations
APPROVED

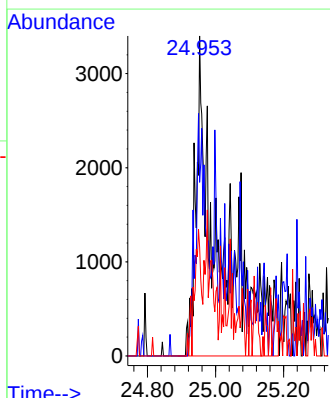
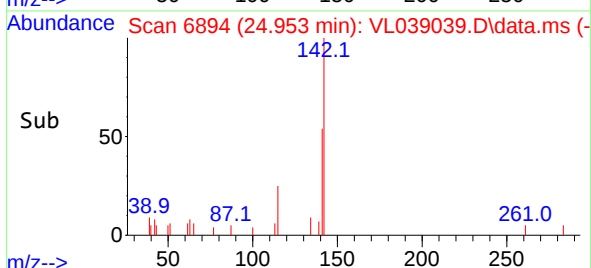
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

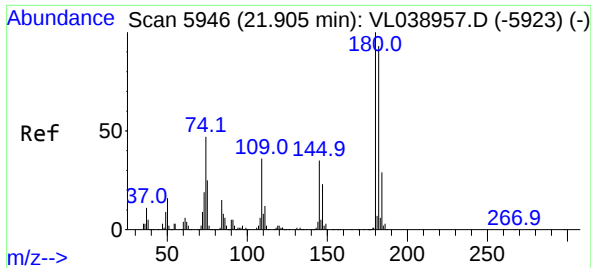


#80
Naphthalene,2-methyl-
Concen: 0.269 ppbv m
RT: 24.953 min Scan# 6894
Delta R.T. -0.000 min
Lab File: VL039039.D
Acq: 13 May 2022 16:19



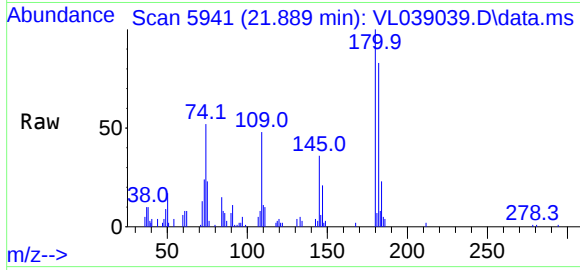
Tgt Ion:142 Resp: 16529
Ion Ratio Lower Upper
142 100
141 32.9 70.8 106.2#
115 0.0 35.1 52.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.383 ppbv m
 RT: 21.889 min Scan# 5941
 Delta R.T. -0.016 min
 Lab File: VL039039.D
 Acq: 13 May 2022 16:19

Instrument : MSVOA_L
 ClientSampleId : 0.4 MDL



Tgt Ion:180	Resp:	45650
Ion Ratio	Lower	Upper
180	100	
182	0.0	78.4
184	0.0	24.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

